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Presidencia de la República del Ecuador

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PUBLIC-PRIVATE INVESTMENT SECRETARIAT

Projects:

MANTA - QUEVEDO ROAD CORRIDOR
DESIGN, FINANCING, CONSTRUCTION, OPERATION AND MAINTENANCE

MONTECRISTI - LA CADENA ROAD CORRIDOR
DESIGN, FINANCING, CONSTRUCTION, OPERATION AND MAINTENANCE

PIFO - BAEZA ROAD CORRIDOR
DESIGN, FINANCING, CONSTRUCTION, OPERATION AND MAINTENANCE

SOUTH GUAYAQUIL VIADUCT
DESIGN, FINANCING, CONSTRUCTION, OPERATION AND MAINTENANCE

BAHÍA - COJIMÍES ROAD CORRIDOR
DESIGN, FINANCING, CONSTRUCTION, OPERATION AND MAINTENANCE

AMBATO - BAÑOS - PUYO ROAD CORRIDOR
DESIGN, FINANCING, CONSTRUCTION, OPERATION AND MAINTENANCE

LOJA - CATAMAYO ROAD CORRIDOR
DESIGN, FINANCING, CONSTRUCTION, OPERATION AND MAINTENANCE

COMMERCIAL PORT OF ESMERALDAS
DESIGN, FINANCING, CONSTRUCTION, OPERATION AND MAINTENANCE

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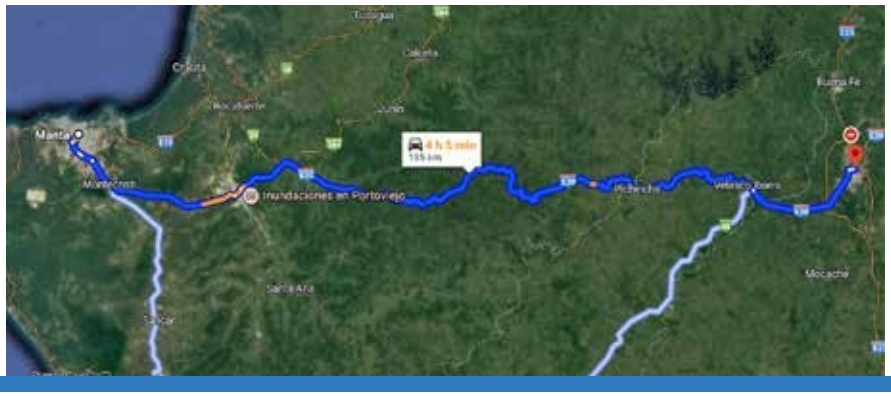

PROJECT:

MANTA - QUEVEDO ROAD CORRIDOR

LOCATION: MANABI GUAYAS - LOS RÍOS

DESCRIPTION:

THE MANTA-QUEVEDO ROAD CORRIDOR PLAYS A CRUCIAL ROLE IN NATIONAL DEVELOPMENT BY INTEGRATING THE PROVINCES OF MANABÍ, GUAYAS AND LOS RÍOS. ITS RELEVANCE IS BASED ON THE HIGH NUMBER OF USERS THAT TRAVEL ALONG IT, COMING FROM DIFFERENT PROVINCES OF ECUADOR, FOR COMMERCIAL, PRODUCTIVE AND TOURIST REASONS, AMONG OTHERS. IT IS ALSO CHARACTERIZED FOR BEING A ROAD AXIS WITH A CONSTANT AND INCREASING FLOW OF TRAFFIC, PARTICULARLY HEAVY TRANSPORT THAT MOVES AGRICULTURAL PRODUCTS. THE ROAD HAS A LENGTH OF 194.04 KM.

TYPE OF PROJECT:

BROWNFIELD.

POTENTIAL JOBS GENERATED:

14.102 APPROX.

BENEFICIARIES:

LOCATED IN THE AREA OF AFFLUENCE:
*DIRECT BENEFICIARIES:
1'040,176 INHABITANTS
*INDIRECT BENEFICIARIES: 6'883,415 INHABITANTS.
* INDUCED BENEFICIARIES: 13,989 INHABITANTS.

POTENTIAL DEMAND:

Detail	2018	2023
Rocafuerte - Manta Section	6.853	9.136
San Plácido, Calderón - Portoviejo Section	10.390	14.063
Calceta - San Placido turnoff Section	1.159	1.549
Pichincha - Detour to Calceta Section:	1.705	2.284
El Empalme - Pichincha Section	2.897	3.833

FUNDAMENTAL CRITERIA:

PRIORITY PROJECT AND DULY ALIGNED WITH THE OBJECTIVE, POLICY AND GOAL OF THE NATIONAL DEVELOPMENT PLAN AND STRATEGIC PLANNING AT THE SECTOR LEVEL.

DELEGATING ENTITY: MINISTRY OF TRANSPORTATION AND PUBLIC WORKS.

DELEGATION MODEL AND REMUNERATION MODEL:

*PUBLIC-PRIVATE PARTNERSHIP (PPP) / STATE C-FINANCING.

*PAYMENT PER USER.

QUALITATIVE BENEFITS:

* EMISSIONS REDUCTION.
* REDUCTION IN THE USE OF NON-RENEWABLE RESOURCES.
* MINIMIZATION OF IMPACTS ON SENSITIVE ECOSYSTEMS.

COMPONENTS:

ALTERNATIVE 1.
*RECONSTRUCTION, REHABILITATION, OPERATION AND MAINTENANCE OF THE EXISTING ROAD.

ALTERNATIVE 2.
*WIDENING OF THE ROAD TO 4 LANES, RECONSTRUCTION AND REHABILITATION OF THE EXISTING ROAD,
OPERATION AND MAINTENANCE OF THE ENTIRE CORRIDOR.
BEGINNING: ABSCISSA: 0+000, EAST (LONGITUDE): 529444.00, NORTH (LATITUDE): 9893446.00.
END: ABSCISSA: 194+040, EAST (LONGITUDE): 667880.00, NORTH (LATITUDE): 9882446.00.

SOCIOECONOMIC INFORMATION:

* IMPROVEMENT OF ROAD SAFETY.
* REDUCTION OF VEHICLE MAINTENANCE COSTS.
* ROAD AND USER SAFETY
* ECONOMIC DEVELOPMENT.
* ACCESS TO ESSENTIAL SERVICES.
* LOCAL INFRASTRUCTURE DEVELOPMENT.
* INCREASE IN THE VALUE OF THE PROPERTY.
* IMPROVED ACCESS TO EMERGENCY SERVICES.
* CONGESTION REDUCTION.
* LESS VEHICULAR WEAR AND TEAR.

FINANCIAL INFORMATION:

Alternative 1		Alternative 2	
CAPEX (Reference)	$ 16'735,752 million.	CAPEX (Reference)	$ 349,723,159 million.
OPEX (Reference)	$ 262,791,997 million.	OPEX (Reference)	$ 355,418,372 million.
Total project value	$ 279,527,749 million.	Total project value	$ 705'141,531 million.

NOTE: IT IS IMPORTANT TO INDICATE THAT THE INVESTMENT AMOUNTS REFLECTED IN THE DIFFERENT ALTERNATIVES ARE REFERENTIAL, SINCE THEY COME FROM AN INITIAL PROJECT PROFILE. THESE AMOUNTS WILL BE UPDATED AS THE PHASES OF THE PPP CYCLE PROGRESS, I.E., PREFEASIBILITY AND FEASIBILITY, RESPECTIVELY.

THE DELEGATING ENTITY CONCLUDES THAT ALTERNATIVE 1 IS THE ALTERNATIVE THAT BEST MEETS THE PROJECT OBJECTIVES AND SELECTION CRITERIA. THE ROAD CORRIDOR WILL INCLUDE APPROXIMATELY TWO TOLL STATIONS.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

Alternative 1	Alternative 2
CAPEX: 4 years.	CAPEX: 6 years.
OPEX: 26 years.	OPEX: 24 years.

STATUS:

PRE-FEASIBILITY

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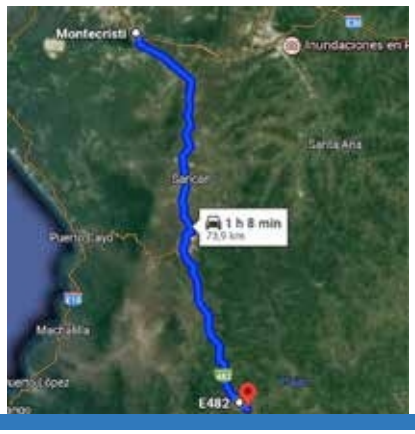

PROJECT:

MONTECRISTI - LA CADENA ROAD CORRIDOR

LOCATION:

MANABÍ - GUAYAS

DESCRIPTION:

THIS ROAD CORRIDOR PLAYS A CRUCIAL ROLE IN NATIONAL DEVELOPMENT, AS IT IS PART OF THE E482 AXIS, WHICH IS A VERY FLUID ROUTE IN THE STATE ROAD NETWORK. THIS IMPORTANCE IS BASED ON THE HIGH NUMBER OF USERS THAT USE IT FROM THE COASTAL PROVINCES OF ECUADOR. IT IS ALSO A ROAD AXIS THAT CONNECTS THE CANTONS OF MONTECRISTI, JIPIJAPA, PAJÁN AND THE LA CADENA SECTOR (PROVINCIAL BOUNDARY BETWEEN MANABÍ AND GUAYAS), WITH A PERMANENT TRAFFIC FLOW AND IN CONSTANT GROWTH AS IT IS ALIGNED WITH THE STRATEGIC MOBILITY PLAN "PEM 2013-2037". THE ROAD HAS A LENGTH OF 96.20 KM.

TYPE OF PROJECT:

BROWNFIELD.

POTENTIAL JOBS GENERATED:

3.811 APPROX.

BENEFICIARIES:

LOCATED IN THE AREA OF AFFLUENCE:

* DIRECT BENEFICIARIES: 219.933 INHABITANTS.
* INDIRECT BENEFICIARIES: 5'984,763 INHABITANTS.
* INDUCED BENEFICIARIES: 8,947 INHABITANTS.

POTENTIAL VEHICLES DEMAND:

Year	Light	Buses	Heavy	Total
Year 2018	9,022 light	705 buses	2,210 heavy	12.027
Year 2023	10,705 light	903 buses	2,553 heavy	14.161
Year 2038	17,883 light	1,323 buses	3,938 heavy	23.144

FUNDAMENTAL CRITERIA:

PRIORITY PROJECT AND DULY ALIGNED WITH THE OBJECTIVE, POLICY AND GOAL OF THE NATIONAL DEVELOPMENT PLAN AND STRATEGIC PLANNING AT THE SECTOR LEVEL.

DELEGATING ENTITY: MINISTRY OF TRANSPORTATION AND PUBLIC WORKS.

DELEGATION MODEL AND REMUNERATION MODEL:

*PUBLIC-PRIVATE PARTNERSHIP (PPP / CO-FINANCING).
*PAYMENT PER USER.

QUALITATIVE BENEFITS:

* EMISSIONS REDUCTION.
* REDUCTION IN THE USE OF NON-RENEWABLE RESOURCES.
* MINIMIZATION OF IMPACTS ON SENSITIVE ECOSYSTEMS.

COMPONENTS:

ALTERNATIVE 1.

- REHABILITATION OF THE EXISTING ROAD (2 AND 4 LANE SECTIONS).

ALTERNATIVE 2.

- WIDENING OF THE ENTIRE CORRIDOR TO 4 LANES.
BEGINNING: ABSCISSA: 0+000, EAST (LONGITUDE): 538,516.00, NORTH (LATITUDE): 9,883,936.00.
END: ABSCISSA: 96+200, EAST (LONGITUDE): 570,806.00, NORTH (LATITUDE): 9,807,772.00

SOCIOECONOMIC INFORMATION:

* IMPROVEMENT OF ROAD SAFETY.
* REDUCTION OF VEHICLE MAINTENANCE COSTS.
* ROAD AND USER SAFETY
* ECONOMIC DEVELOPMENT.
* ACCESS TO ESSENTIAL SERVICES.
* LOCAL INFRASTRUCTURE DEVELOPMENT.
* INCREASE IN THE VALUE OF THE PROPERTY.
* IMPROVED ACCESS TO EMERGENCY SERVICES.
* CONGESTION REDUCTION.

FINANCIAL INFORMATION:

Alternative 1		Alternative 2	
CAPEX (Reference)	$ 54'699,684.67 million.	CAPEX (Reference)	$ 127'684,036.75 million.
OPEX (Reference)	$ 95'990,888.45 million.	OPEX (Reference)	$ 62'867,397.50 million.
Total project value	$ 150'690,573.12 million.	Total project value	$ 190'551,434.25 million.

NOTE: IT IS IMPORTANT TO INDICATE THAT THE INVESTMENT AMOUNTS REFLECTED IN THE DIFFERENT ALTERNATIVES ARE REFERENTIAL, SINCE THEY COME FROM AN INITIAL PROJECT PROFILE. THESE AMOUNTS WILL BE UPDATED AS THE PHASES OF THE APP CYCLE PROGRESS, I.E., PREFEASIBILITY AND FEASIBILITY, RESPECTIVELY.

THE DELEGATING ENTITY CONCLUDES THAT ALTERNATIVE 2 IS THE ALTERNATIVE THAT BEST MEETS THE PROJECT OBJECTIVES AND SELECTION CRITERIA. THE ROAD CORRIDOR WILL INCLUDE APPROXIMATELY TWO TOLL STATIONS..

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

Alternative 1	Alternative 2
CAPEX: 2 years.	CAPEX: 4 years.
OPEX: 28 years.	OPEX: 26 years.

STATUS:

PRE-FEASIBILITY

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PROJECT:

PIFO - BAEZA ROAD CORRIDOR

LOCATION:

PICHINCHA - NAPO

DESCRIPTION:

THIS ROAD CORRIDOR PLAYS A CRUCIAL ROLE IN NATIONAL DEVELOPMENT, AS IT IS PART OF THE E20 AXIS, WHICH IS A VERY FLUID ROUTE IN THE STATE ROAD NETWORK. IT IS ALSO A ROAD AXIS THAT CONNECTS THE PROVINCES OF PICHINCHA AND NAPO, WITH A PERMANENT AND CONSTANTLY GROWING FLOW OF TRAFFIC, ESPECIALLY HEAVY TRANSPORT THAT MOVES PRODUCTS. THE PIFO - "Y" DE BAEZA ROAD CORRIDOR IS APPROXIMATELY 76.4 KILOMETERS LONG.

TYPE OF PROJECT:

BROWNFIELD.

POTENTIAL JOBS GENERATED:

3,780 APPROX.

BENEFICIARIES:

LOCATED IN THE AREA OF AFFLUENCE:

*DIRECT BENEFICIARIES:
2'686,194 INHABITANTS.
* INDIRECT BENEFICIARIES: 3'221,148 INHABITANTS.
* INDUCED BENEFICIARIES: 7,561 INHABITANTS.

: 2,98%

POTENTIAL DEMAND:

Year	2021	2023	2030	2035	2040	2045	2051
Section: Pifo - Papallacta	12.148	12.875	15.781	18.267	21.159	24.505	29.227

* GROWTH INDEX

FUNDAMENTAL CRITERIA:

PRIORITY PROJECT AND DULY ALIGNED WITH THE OBJECTIVE, POLICY AND GOAL OF THE NATIONAL DEVELOPMENT PLAN AND STRATEGIC PLANNING AT THE SECTOR LEVEL.

DELEGATING ENTITY: MINISTRY OF TRANSPORTATION AND PUBLIC WORKS.

DELEGATION MODEL AND REMUNERATION MODEL:

*PUBLIC-PRIVATE PARTNERSHIP (PPP / CO-FINANCING).
*PAYMENT PER USER.

QUALITATIVE BENEFITS:

* EMISSIONS REDUCTION.
* REDUCTION IN THE USE OF NON-RENEWABLE RESOURCES.
* MINIMIZATION OF IMPACTS ON SENSITIVE ECOSYSTEMS.

COMPONENTS:

ALTERNATIVES 1.
- REHABILITATION OF THE 4-LANE SECTION PIFO-PAPALLACTA AND EXTENSION TO FLEXIBLE PAVEMENT, FROM 2 TO 4 LANES, SECTION PAPALLACTA-BAEZA.

ALTERNATIVES 2.
- REHABILITATION OF THE 4-LANE PIFO-PAPALLACTA SECTION AND EXTENSION OF THE 2 TO 4-LANE PAPALLACTA-BAEZA SECTION TO RIGID PAVEMENT.
* (KM 0+000 BEGINNING OF E20 AND ENDS AT KM 76+400).

BEGINNING: ABSCISSA: 0+000, EAST (LONGITUDE): 797,130.10, NORTH (LATITUDE): 9,973,423.60.
END: ABSCISSA: 76+400, EAST (LONGITUDE): 176,682.90, NORTH (LATITUDE): 9,948,892.80

SOCIOECONOMIC INFORMATION:

* IMPROVEMENT OF ROAD SAFETY.
* REDUCTION OF VEHICLE MAINTENANCE COSTS.
* ROAD AND USER SAFETY.
* ECONOMIC DEVELOPMENT.
* ACCESS TO ESSENTIAL SERVICES.
* LOCAL INFRASTRUCTURE DEVELOPMENT.
* INCREASE IN THE VALUE OF THE PROPERTY.
* IMPROVED ACCESS TO EMERGENCY SERVICES.
* CONGESTION REDUCTION.
* LESS VEHICULAR WEAR AND TEAR.

FINANCIAL INFORMATION:

Alternative 1		Alternative 2	
CAPEX (Reference)	$ 73,032,713 million.	CAPEX (Reference)	$ 89,191,212 million.
OPEX (Reference)	$ 115'985,210.40 million.	OPEX (Reference)	$ 98,352,212.40 million.
Total project value	$ 189,017,923 million.	Total project value	$ 187'543,424.40 million.

NOTE: IT IS IMPORTANT TO INDICATE THAT THE INVESTMENT AMOUNTS REFLECTED IN THE DIFFERENT ALTERNATIVES ARE REFERENTIAL, SINCE THEY COME FROM AN INITIAL PROJECT PROFILE. THESE AMOUNTS WILL BE UPDATED AS THE PHASES OF THE APP CYCLE PROGRESS, I.E., PREFEASIBILITY AND FEASIBILITY, RESPECTIVELY.

THE DELEGATING ENTITY CONCLUDES THAT ALTERNATIVE 1 IS THE ALTERNATIVE THAT BEST MEETS THE PROJECT OBJECTIVES AND SELECTION CRITERIA. THE ROAD CORRIDOR WILL INCLUDE APPROXIMATELY TWO TOLL STATIONS..

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

Alternative 1	Alternative 2
CAPEX: 6 years.	CAPEX: 4 years.
OPEX: 24 years.	OPEX: 26 years.

STATUS:

PRE-FEASIBILITY

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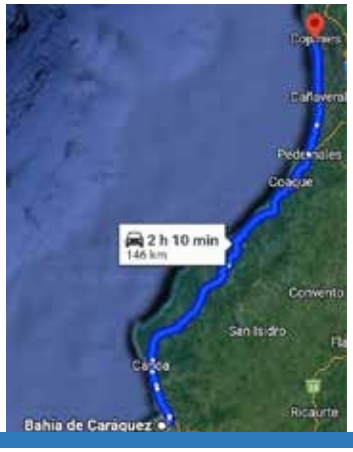

PROJECT:

BAHIA - PEDERNALES - COJIMÍES ROAD CORRIDOR

LOCATION:

MANABÍ

DESCRIPTION:

THIS ROAD CORRIDOR PLAYS A CRUCIAL ROLE IN NATIONAL DEVELOPMENT, AS IT IS PART OF THE E15 AND E386 AXES, WHICH VERY FLUID ROADS IN THE STATE ROAD NETWORK. THIS IMPORTANCE IS BASED ON THE HIGH NUMBER OF USERS WHO USE IT, COMING FROM ALL THE PROVINCES OF ECUADOR, BECAUSE IT IS ALIGNED WITH THE "STRATEGIC MOBILITY PLAN PEM 2013-2037".

IN ADDITION, THE E15 AXIS IS A ROAD THAT CONNECTS THE PROVINCES OF ESMERALDAS, MANABÍ AND SANTA ELENA, WITH A PERMANENT AND CONSTANTLY GROWING FLOW OF TRAFFIC, ESPECIALLY HEAVY TRANSPORT. THIS ROAD IS APPROXIMATELY 143.34 KM LONG.

TYPE OF PROJECT:

BROWNFIELD.

POTENTIAL JOBS GENERATED:

10,968 APPROX.

BENEFICIARIES:

LOCATED IN THE AREA OF AFFLUENCE:

*DIRECT BENEFICIARIES: 174.834 INHABITANTS.
* INDIRECT BENEFICIARIES: 1'592,840 INHABITANTS.
* BENEFICIARIES INDUCED: 21,937 INHABITANTS.

POTENTIAL DEMAND:

Year	Projected TPDA
2021	3.900 APPROX.
2051	9.466 APPROX.

FUNDAMENTAL CRITERIA:

PRIORITY PROJECT AND DULY ALIGNED WITH THE OBJECTIVE, POLICY AND GOAL OF THE NATIONAL DEVELOPMENT PLAN AND STRATEGIC PLANNING AT THE SECTOR LEVEL.

DELEGATING ENTITY: MINISTRY OF TRANSPORTATION AND PUBLIC WORKS.

DELEGATION MODEL AND REMUNERATION MODEL:

*PUBLIC-PRIVATE PARTNERSHIP (PPP) / CO-FINANCING.
*PAYMENT PER USER.

QUALITATIVE BENEFITS:

* EMISSIONS REDUCTION.
* LESS VEHICULAR WEAR AND TEAR.
* REDUCTION IN THE USE OF NON-RENEWABLE RESOURCES.
* MINIMIZATION OF IMPACTS ON SENSITIVE ECOSYSTEMS.

COMPONENTS:

ALTERNATIVE 1

- REHABILITATION OF THE EXISTING ROAD (2 LANES, 1 IN EACH DIRECTION).

ALTERNATIVE 2

- WIDENING OF THE ROAD TO 4 LANES (2 IN EACH DIRECTION).
*BAYSIDE-SAN VICENTE: ABSCISSAE SECTION: START: 0+000, END: 1+ 980
* SAN VICENTE-JAMA: ABSCISSA SECTION: START: 0+000, END: 58+ 306
* JAMA-PEDERNALES: ABSCISSAE SECTION: START: 58+306, END: 107+ 113
*FLINTS-COJOMIÉS: ABSCISSAE SECTION: START: 0+000, END: 34+ 250

SOCIOECONOMIC INFORMATION:

* IMPROVEMENT OF ROAD SAFETY.
* REDUCTION OF VEHICLE MAINTENANCE COSTS.
* ROAD AND USER SAFETY
* ECONOMIC DEVELOPMENT.
* ACCESS TO ESSENTIAL SERVICES.
* LOCAL INFRASTRUCTURE DEVELOPMENT.
* INCREASE IN THE VALUE OF THE PROPERTY.
* IMPROVED ACCESS TO EMERGENCY SERVICES.
* CONGESTION REDUCTION.

FINANCIAL INFORMATION:

Alternative 1		Alternative 2	
CAPEX (Reference)	$ 16'640,625.69 million.	CAPEX (Reference)	264'756,489.55 million.
OPEX (Reference)	189'410,844.90 million.	OPEX (Reference)	$ 283'684,038.90 million.
Total project value	$ 206,051,470.59 million.	Total project value	$ 548'440,528.45 million.

NOTE: IT IS IMPORTANT TO INDICATE THAT THE INVESTMENT AMOUNTS REFLECTED IN THE DIFFERENT ALTERNATIVES ARE REFERENTIAL, SINCE THEY COME FROM AN INITIAL PROJECT PROFILE. THESE AMOUNTS WILL BE UPDATED AS THE PHASES OF THE APP CYCLE PROGRESS, I.E., PREFEASIBILITY AND FEASIBILITY, RESPECTIVELY.

THE DELEGATING ENTITY CONCLUDES THAT ALTERNATIVE 2 IS THE ALTERNATIVE THAT BEST MEETS THE PROJECT OBJECTIVES AND SELECTION CRITERIA. THE ROAD CORRIDOR WILL INCLUDE APPROXIMATELY TWO TOLL STATIONS

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

Alternative 1	Alternative 2
CAPEX: 6 years.	CAPEX: 4 years.
OPEX: 24 years.	OPEX: 26 years.

STATUS:

PRE-FEASIBILITY

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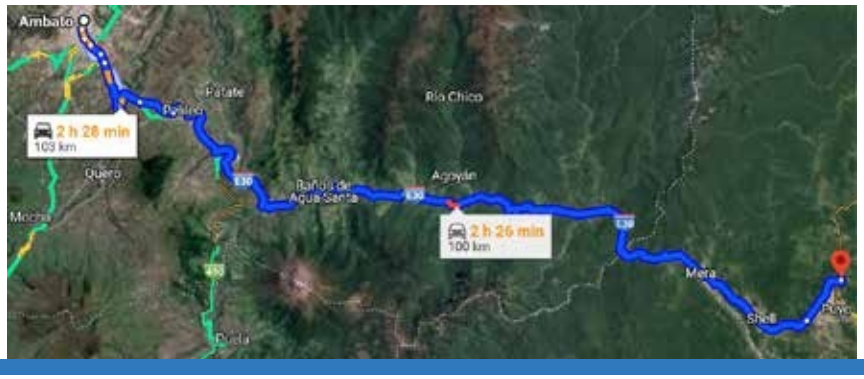

PROJECT:

AMBATO - BAÑOS - PUYO ROAD CORRIDOR

LOCATION:

PASTAZA
TUNGURAHUA

DESCRIPTION:

THIS ROAD CORRIDOR PLAYS A CRUCIAL ROLE IN NATIONAL DEVELOPMENT, AS IT IS PART OF THE E30 AXIS, WHICH IS A VERY FLUID ROUTE IN THE STATE ROAD NETWORK. THIS IMPORTANCE IS BASED ON THE HIGH NUMBER OF USERS THAT USE IT, COMING FROM ALL THE PROVINCES OF ECUADOR. THIS ROAD HAS AN APPROXIMATE LENGTH OF 90 KM.

TYPE OF PROJECT:

BROWNFIELD.

POTENTIAL JOBS GENERATED:

12,418 APPROX.

BENEFICIARIES:

LOCATED IN THE AREA OF AFFLUENCE:
*DIRECT BENEFICIARIES : 475,326 INHABITANTS.
* INDIRECT BENEFICIARIES: 675,447 INHABITANTS.
* INDUCED BENEFICIARIES: 24,837 INHABITANTS

POTENTIAL DEMAND:

TPDA PROJECTIONS PELILEO - RIOBAMBA:

* YEAR 2023: 12,442 VEHICLES THAT HAVE CIRCULATED APPROX.
* YEAR 2030: 17,272 VEHICLES CIRCULATING APPROX.
* YEAR 2039: 24,926 VEHICLES CIRCULATING APPROX.

TPDA PROJECTIONS RIOBAMBA - BATHROOMS:

* YEAR 2023: 13,202 VEHICLES THAT HAVE CIRCULATED APPROX.
* YEAR 2030: 18,301 VEHICLES THAT WILL CIRCULATE APPROX.
* YEAR 2039:24,926 VEHICLES THAT WILL CIRCULATE APPROX.

RIOBAMBA TPDA PROJECTIONS - LATERAL PASSAGE:

* YEAR 2023: 8,139 VEHICLES THAT HAVE CIRCULATED APPROX.
* YEAR 2030: 10,146 VEHICLES THAT WILL CIRCULATE APPROX.
* YEAR 2039: 13,775 VEHICLES THAT WILL CIRCULATE APPROX.

PROJECTIONS OF TPDA BATHROOMS - PUYO:

* YEAR 2023: 10,344 VEHICLES THAT HAVE CIRCULATED APPROX.
* YEAR 2030: 13,622 VEHICLES THAT WILL CIRCULATE APPROX.
* YEAR 2039: 20,413 VEHICLES THAT WILL CIRCULATE APPROX.

FUNDAMENTAL CRITERIA:

PRIORITY PROJECT AND DULY ALIGNED WITH THE OBJECTIVE, POLICY AND GOAL OF THE NATIONAL DEVELOPMENT PLAN AND STRATEGIC PLANNING AT THE SECTOR LEVEL.

DELEGATING ENTITY: MINISTRY OF TRANSPORTATION AND PUBLIC WORKS.

DELEGATION MODEL AND REMUNERATION MODEL:

*PUBLIC-PRIVATE PARTNERSHIP (PPP) / CO-FINANCING.
*PAYMENT PER USER.

COMPONENTS:

ALTERNATIVE 1.
- ROAD REHABILITATION OF THE AMBATO-PELILEO SECTION, 4 LANES.
- REHABILITATION OF THE PELILEO-BAÑOS-PUYO SECTION, 2 LANES.
- MAINTENANCE OF THE 6 EXISTING TUNNELS.

THIS PROPOSAL CONTEMPLATES THE REHABILITATION AND MAINTENANCE OF THE ROAD INFRASTRUCTURE ALONG THE ENTIRE CORRIDOR, COMPRISING THE FOLLOWING SECTIONS:
SECTION 1: AMBATO-PELILEO FROM ABSCISSA 0+000 TO ABSCISSA 12+070 WITH A LENGTH OF 12.07 KM.
SECTION 2: PELILEO-PUYO FROM ABSCISSA 12+070 TO ABSCISSA 90+000 WITH A LENGTH OF 77.93 KM.
THE WIDTH OF THE ROAD VARIES ACCORDING TO THE INTERVENTION SECTIONS, AND IMPROVEMENT AND/OR REHABILITATION WORKS WILL BE CARRIED OUT ON THE ASPHALT SURFACE, SIGNALING, BRIDGES, TUNNELS AND STRUCTURAL ELEMENTS OF THE ROAD.
ALTERNATIVE 2.
- ROAD REHABILITATION OF THE AMBATO-PELILEO SECTION, 4 LANES.
- CONSTRUCTION OF THE PELILEO LATERAL CROSSING, 4 LANES.
- ROAD WIDENING OF THE PELILEO- PUYO SECTION, 4 LANES.
- MAINTENANCE OF THE 6 EXISTING TUNNELS AND CONSTRUCTION OF 6 NEW TUNNELS PARALLEL TO THE EXISTING ONES.

START: ABSCISSA 0+000, EAST (LONGITUDE) 766439.00, NORTH (LATITUDE) 9857341.00.
END: ABSCISSA 90+000, EAST (LONGITUDE) 831089.00, NORTH (LATITUDE) 9833766.00.

FINANCIAL INFORMATION:

Alternative 1		Alternative 2	
CAPEX (Reference)	$ 34'283,961.18 million.	CAPEX (Reference)	$ 560'675,843.79 million.
OPEX (Reference)	$ 93'362,020.25 million.	OPEX (Reference)	$ 60'238,529.35 million.
Total project value	$ 127'643,981.43 million.	Total project value	$ 620'914,373.14 million.

NOTE: IT IS IMPORTANT TO INDICATE THAT THE INVESTMENT AMOUNTS REFLECTED IN THE DIFFERENT ALTERNATIVES ARE REFERENTIAL, SINCE THEY COME FROM AN INITIAL PROJECT PROFILE. THESE AMOUNTS WILL BE UPDATED AS THE PHASES OF THE APP CYCLE PROGRESS, I.E., PREFEASIBILITY AND FEASIBILITY, RESPECTIVELY.

THE DELEGATING ENTITY CONCLUDES THAT ALTERNATIVE 2 IS THE ALTERNATIVE THAT BEST MEETS THE PROJECT OBJECTIVES AND SELECTION CRITERIA. THE ROAD CORRIDOR WILL INCLUDE APPROXIMATELY TWO TOLL STATIONS THE ROAD CORRIDOR WILL INCLUDE APPROXIMATELY TWO TOLL STATIONS

QUALITATIVE BENEFITS:

* EMISSIONS REDUCTION.
* REDUCTION IN THE USE OF NON-RENEWABLE RESOURCES.
* MINIMIZATION OF IMPACTS ON SENSITIVE ECOSYSTEMS.

SOCIOECONOMIC INFORMATION:

* IMPROVEMENT OF ROAD SAFETY.
* REDUCTION OF VEHICLE MAINTENANCE COSTS.
* ROAD AND USER SAFETY
* ECONOMIC DEVELOPMENT.
* ACCESS TO ESSENTIAL SERVICES.
* LOCAL INFRASTRUCTURE DEVELOPMENT.
* INCREASE IN THE VALUE OF THE PROPERTY.
* IMPROVED ACCESS TO EMERGENCY SERVICES.
* CONGESTION REDUCTION.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

Alternative 1	Alternative 2
CAPEX: 6 years.	CAPEX: 4 years.
OPEX: 24 years.	OPEX: 26 years.

STATUS:

PRE-FEASIBILITY

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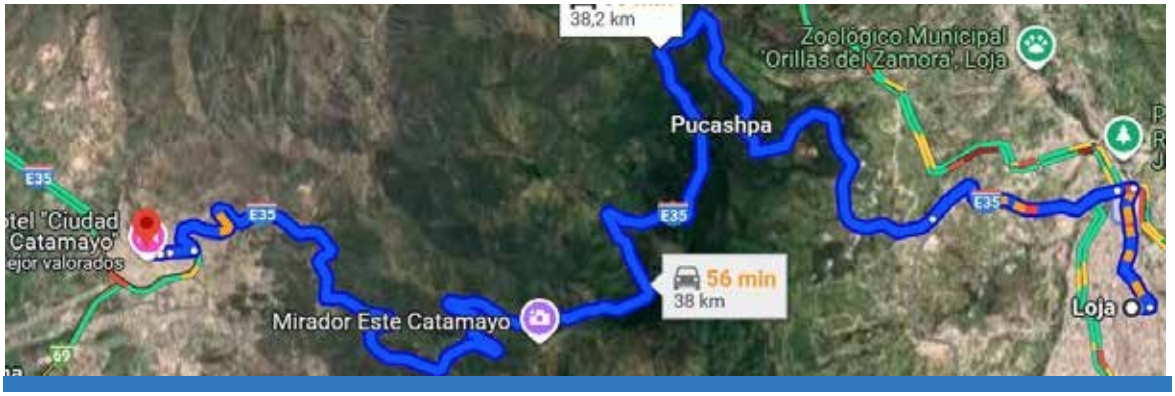

PROJECT:

LOJA - CATAMAYO ROAD CORRIDOR

LOCATION:

LOJA

DESCRIPTION:

THIS ROAD CORRIDOR PLAYS A CRUCIAL ROLE IN NATIONAL DEVELOPMENT, AS IT IS PART OF THE E35 STATE ROAD NETWORK, WHICH IS A VERY FLUID ROAD. THIS IS BASED ON THE HIGH NUMBER OF USERS THAT TRAVEL ALONG THIS ROAD CORRIDOR, COMING FROM SEVERAL OF THE PROVINCES OF ECUADOR. IT IS ALSO A ROAD THAT CONNECTS THE PROVINCES OF LOJA, ZAMORA CHINCHIPE AND EL ORO, WITH A PERMANENT AND CONSTANTLY GROWING FLOW OF TRAFFIC, ESPECIALLY HEAVY TRANSPORT THAT MOVES AGRICULTURAL PRODUCTS AND MATERIALS DESTINED FOR MINING ACTIVITIES. THIS ROAD HAS A LENGTH OF 36.50 KILOMETERS AND IS ALIGNED WITH THE "PEM 2013-2037 STRATEGIC MOBILITY PLAN".

TYPE OF PROJECT:

BROWNFIELD.

POTENTIAL JOBS GENERATED:

6,759 APPROX.

BENEFICIARIES:

LOCATED IN THE AREA OF AFFLUENCE:
* DIRECT BENEFICIARIES: 285,268 INHABITANTS.
* INDIRECT BENEFICIARIES: 485,421 INHABITANTS.
* INDUCED BENEFICIARIES: 13,836 INHABITANTS.

POTENTIAL DEMAND:

YEAR	TPDA PROJECTED FOR 30 YEARS
2013	5.886
2023	11.331
2033	18.078
2042	27.951

FUNDAMENTAL CRITERIA:

PRIORITY PROJECT AND DULY ALIGNED WITH THE OBJECTIVE, POLICY AND GOAL OF THE NATIONAL DEVELOPMENT PLAN AND STRATEGIC PLANNING AT THE SECTOR LEVEL.

DELEGATING ENTITY: MINISTRY OF TRANSPORTATION AND PUBLIC WORKS.

DELEGATION MODEL AND REMUNERATION MODEL:

*PUBLIC-PRIVATE PARTNERSHIP (PPP) / CO-FINANCING.
*PAYMENT PER USER.

QUALITATIVE BENEFITS:

* EMISSIONS REDUCTION.
* REDUCTION IN THE USE OF NON-RENEWABLE RESOURCES.
* MINIMIZATION OF IMPACTS ON SENSITIVE ECOSYSTEMS.

COMPONENTS:

ALTERNATIVE 1.
- WIDENING OF THE ROAD TO 4 LANES AND CONSTRUCTION OF A TUNNEL.

ALTERNATIVE 2.
- TOTAL WIDENING OF THE ROAD TO 4 LANES.

BEGINNING: ABSCISSA: 0+000, EAST (LONGITUDE): 699,308.789, NORTH (LATITUDE): 9,560,208.529.
END: ABSCISSA: 36+500, EAST (LONGITUDE): 681,384.187, NORTH (LATITUDE): 9,558,177.277.

SOCIOECONOMIC INFORMATION:

* IMPROVEMENT OF ROAD SAFETY.
* REDUCTION OF VEHICLE MAINTENANCE COSTS.
* ROAD AND USER SAFETY.
* ECONOMIC DEVELOPMENT.
* ACCESS TO ESSENTIAL SERVICES.
* LOCAL INFRASTRUCTURE DEVELOPMENT.
* INCREASE IN THE VALUE OF THE PROPERTY.
* IMPROVED ACCESS TO EMERGENCY SERVICES.
* CONGESTION REDUCTION.
* LESS VEHICULAR WEAR AND TEAR.

FINANCIAL INFORMATION:

Alternative 1		Alternative 2	
CAPEX (Reference)	$ 252,382,300.92 million.	CAPEX (Reference)	$ 169'156,261.04 million.
OPEX (Reference)	$ 85'577,184.29 million.	OPEX (Reference)	$ 162'186,743.02 million.
Total project value	$ 337,959,485.21 million.	Total project value	$ 331'343,004.06 million.

NOTE: IT IS IMPORTANT TO INDICATE THAT THE INVESTMENT AMOUNTS REFLECTED IN THE DIFFERENT ALTERNATIVES ARE REFERENTIAL, SINCE THEY COME FROM AN INITIAL PROJECT PROFILE. THESE AMOUNTS WILL BE UPDATED AS THE PHASES OF THE APP CYCLE PROGRESS, I.E., PREFEASIBILITY AND FEASIBILITY, RESPECTIVELY.

THE DELEGATING ENTITY CONCLUDES THAT ALTERNATIVE 2 IS THE ALTERNATIVE THAT BEST MEETS THE PROJECT OBJECTIVES AND SELECTION CRITERIA. THE ROAD CORRIDOR WILL INCLUDE APPROXIMATELY TWO TOLL STATIONS.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

Alternative 1	Alternative 2
CAPEX: 6 years.	CAPEX: 4 years.
OPEX: 24 years.	OPEX: 26 years.

STATUS:

PRE-FEASIBILITY

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PROJECT:

SOUTH GUAYAQUIL VIADUCT

LOCATION:

GUAYAS

DESCRIPTION:

THE NATIONAL GOVERNMENT, THROUGH THE MINISTRY OF TRANSPORTATION AND PUBLIC WORKS, AWARE OF THE NEED TO IMPROVE THE CONDITIONS AND SERVICE LEVELS OF THE STATE ROAD NETWORK AND TO PROVIDE A NEW ACCESS TO THE PORT OF GUAYAQUIL, PRIORITIZED THE PROJECT SOUTH GUAYAQUIL VIADUCT, TO BE DEVELOPED UNDER A MANAGEMENT MODEL BY DELEGATION THROUGH THE PUBLIC-PRIVATE PARTNERSHIP MODALITY; THIS PROJECT WILL BE LOCATED IN THE PROVINCE OF GUAYAS AND BASICALLY CONSISTS OF A NEW CROSSING OVER THE GUAYAS RIVER AND ITS ACCESS ROADS, WHOSE STRUCTURE MUST COMPLY WITH CERTAIN REQUIREMENTS TO BE DEFINED BY THE GENERAL DIRECTORATE OF THE MERCHANT MARINE OF THE COAST, WHICH REFER TO THE FREE PASSAGE OF VESSELS COMPLYING WITH STANDARD DRAFTS, FREE GAUGES AND NAVIGATION CHANNEL WIDTH.

TYPE OF PROJECT:

GREENFIELD.

POTENTIAL JOBS GENERATED:

28,720 APPROX.

BENEFICIARIES:

*LOCATED IN THE AREA OF AFFLUENCE:

*DIRECT BENEFICIARIES: 3 429.149. INHABITANTS.
*INDIRECT BENEFICIARIES: 4,391,923. INHABITANTS.

POTENTIAL DEMAND:

Section	Vehicles							TPDA TOTAL
	Light	Medium	Bus	Heavy Truck				
			2 axes	3 axes	4 axes	5 axes	6 axes	
Cacique Tomalá Av.	8.861	2.522	0	361	689	0	0	12.433
South Bridge	3.506	2.150	349	302	599	0	0	6.906
End of South Bridge - And Taura	2.286	2.122	317	209	619	0	0	5.553
Y Taura - Intersection E25	1.190	499	0	23	73	0	0	1.735
Y Taura - Intersection E40	2.315	653	0	42	33	0	0	3.043

FUNDAMENTAL CRITERIA:

PRIORITY PROJECT AND DULY ALIGNED WITH THE OBJECTIVE, POLICY AND GOAL OF THE NATIONAL DEVELOPMENT PLAN AND STRATEGIC PLANNING AT THE SECTOR LEVEL.

DELEGATING ENTITY: MINISTRY OF TRANSPORTATION AND PUBLIC WORKS.

DELEGATION MODEL AND REMUNERATION MODEL:

*PUBLIC-PRIVATE PARTNERSHIP (PPP).
*PAY PER USER.
* STATE CO-FINANCING

COMPONENTS:

THE PROJECT CONTEMPLATES THE FOLLOWING SECTIONS, AS INDICATED BELOW:

*SECTION I: FROM 15 DE SEPTIEMBRE AVENUE AND CACIQUE TOMALÁ AVENUE TO THE BEGINNING OF VIADUCT OVER THE GUAYAS RIVER, 7.60 KM.
*SECTION II: VIADUCT OVER THE GUAYAS RIVER, 3.33 KM.
*SECTION III: FROM THE END OF THE VIADUCT OVER THE GUAYAS RIVER TO THE TAURA SECTOR, INTERSECTION BIFURCATION TO DURAN-BOLICHE-NARANJAL ROAD, 9.22 KM LONG.
*SECTION IV: LINK TO E25 ROAD, 12.10 KM LONG.
*SECTION V: LINK TO THE DURÁN-BOLICHE ROAD, 11.70 KM LONG.

FINANCIAL INFORMATION:

Alternative 1		Alternative 2		Alternative 3	
CAPEX (Reference)	$ 923'698.324,21 million.	CAPEX (Reference)	$ 960'815.697,23 million.	CAPEX (Reference)	$ 1.424'946.794,61 million.
OPEX (Reference)	$ 293'369.243,75 million.	OPEX (Reference)	$ 474'632.675,47 million.	OPEX (Reference)	$ 542'222.197,20 million.
Total project value	$1.217'067.567,96 million.	Total project value	$1.435'448.372,70 million.	Total project value	$1.967'168.991,81 million.

NOTE: IT IS IMPORTANT TO INDICATE THAT THE INVESTMENT AMOUNTS REFLECTED IN THE DIFFERENT ALTERNATIVES ARE REFERENTIAL, SINCE THEY COME FROM AN INITIAL PROJECT PROFILE. THESE AMOUNTS WILL BE UPDATED AS THE PHASES OF THE APP CYCLE PROGRESS, I.E., PREFEASIBILITY AND FEASIBILITY, RESPECTIVELY.

THE DELEGATING ENTITY CONCLUDES THAT ALTERNATIVE 2 IS THE ALTERNATIVE THAT BEST MEETS THE PROJECT OBJECTIVES AND SELECTION CRITERIA. THE ROAD CORRIDOR WILL INCLUDE APPROXIMATELY TWO TOLL STATIONS.

QUALITATIVE BENEFITS:

*REDUCTION OF POLLUTANT EMISSIONS.
*IMPROVEMENT IN AIR QUALITY.
*REDUCTION IN THE USE OF NON-RENEWABLE RESOURCES.
*MINIMIZATION OF IMPACTS ON SENSITIVE ECOSYSTEMS.
*ADAPTATION TO CLIMATE CHANGE.
*PROMOTION OF SUSTAINABLE PRACTICES.

SOCIOECONOMIC INFORMATION:

*IMPROVES TRANSPORTATION EFFICIENCY.
*PROMOTES ECONOMIC DEVELOPMENT.
*ACCESS TO ESSENTIAL SERVICES.
*DEVELOPMENT OF LOCAL INFRASTRUCTURE.
*INCREASES THE VALUE OF THE PROPERTY.
*IMPROVED ACCESS TO EMERGENCY SERVICES.
*REDUCTION OF CONGESTION.
*SAVINGS IN VEHICLE MAINTENANCE.
*SOCIAL INCLUSION AND ACCESSIBILITY.
*SUSTAINABLE URBAN DEVELOPMENT.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

Alternative 1	Alternative	Alternative
CAPEX: 4 years	CAPEX: 5 years	CAPEX: 6 years

STATUS:

PRE-FEASIBILITY

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PROJECT:

COMMERCIAL PORT OF ESMERALDAS

LOCATION:

ESMERALDAS

DESCRIPTION:

THE COMMERCIAL PORT OF ESMERALDAS IS IN A CRITICAL AND DEPLORABLE SITUATION. THE LACK OF INVESTMENT IN THE MAINTENANCE AND EXPANSION OF ITS PORT INFRASTRUCTURE HAS LED TO A COMMERCIAL CRISIS THAT HAS DEEPENED OVER TIME. OVER THE YEARS, THE PORT INFRASTRUCTURE HAS EXPERIENCED SIGNIFICANT WEAR AND TEAR DUE TO THE LACK OF ADEQUATE INVESTMENT AND TIMELY MAINTENANCE. THIS HAS LED TO THE OBSOLESCENCE OF EQUIPMENT, DOCKS AND CARGO HANDLING SYSTEMS, RESULTING IN A DECREASE IN OPERATIONAL EFFICIENCY AND A LOSS OF COMPETITIVENESS VIS-À-VIS OTHER PORTS. IN ADDITION, THE EXISTING INFRASTRUCTURE DOES NOT MEET THE NECESSARY SAFETY AND ENVIRONMENTAL STANDARDS, POSING A RISK TO OPERATIONS AND THE SURROUNDING ENVIRONMENT.

TYPE OF PROJECT:

BROWNFIELD.

POTENTIAL JOBS GENERATED:

6,475 APPROX.

BENEFICIARIES:

LOCATED IN THE AREA OF AFFLUENCE:

* REFERENTIAL BENEFICIARIES: 553,900 PEOPLE IN THE PROVINCE OF ESMERALDAS.

POTENTIAL DEMAND:

CARGO MOVEMENTS JANUARY- AUGUST 2023 (TONS AND NUMBER OF SHIPS)

CARGO MOVEMENTS HAVE DECLINED OVER THE MONTHS; IN MARCH THERE WAS AN INCREASE DUE TO THE RECEPTION OF 27,499 TONS OF SOLID BULKS; HOWEVER, THE NUMBER OF SHIPS DECREASED BECAUSE THE LINES HAVE HAD TO CALL AT OTHER PORTS DUE TO THE LACK OF DRAFT OF THE DOCK, WHICH MAKES IT DIFFICULT FOR THE SHIPS TO ENTER APE DOCKS. HOWEVER, THE COMMERCIAL PORT OF ESMERALDAS, FROM JANUARY TO SEPTEMBER 2023, OPERATED WITH DIFFERENT TYPES OF CARGO SUCH AS:

Type of cargo	Metric Tons	Number of vessels
Liquid bulk	42,006.00	13
Solid bulk	27,499.00	1
Containers	0	0
General cargo	2,783.00	1
Vehicles	25,455.00	26
Project cargo	0	0
Total	97,743.00	41

FUNDAMENTAL CRITERIA:

PRIORITY PROJECT AND DULY ALIGNED WITH THE OBJECTIVE, POLICY AND GOAL OF THE NATIONAL DEVELOPMENT PLAN AND STRATEGIC PLANNING AT THE SECTOR LEVEL.

DELEGATING ENTITY: PORT AUTHORITY OF ESMERALDAS.

DELEGATION MODEL AND REMUNERATION MODEL:

*PUBLIC-PRIVATE PARTNERSHIP (PPP) / CO-FINANCUNG.

*PAYMENT PER USER.

COMPONENTS:

ALTERNATIVES 1.
- INVESTMENT IN ORDER TO IMPROVE THE CURRENT CONDITIONS OF THE PORT, TO BE ABLE TO
RECOVER ITS OPERATION, HAVING THE LARGEST INVESTMENT ITEMS.

ALTERNATIVES 2.
-INVESTMENT TO INCREASE BULK HANDLING INFRASTRUCTURE
SOLIDS, LIQUIDS (FUELS).

ALTERNATIVES 3.
- INVESTMENT TO INCREASE INFRASTRUCTURE FOR BULK SOLIDS HANDLING,
LIQUIDS (FUELS) AND CONTAINERS, INCLUDING REFRIGERATED CARGO.

QUALITATIVE BENEFITS:

*REDUCTION OF POLLUTANT EMISSIONS.
*IMPROVEMENT IN AIR QUALITY.
*REDUCTION IN THE USE OF NON-RENEWABLE RESOURCES.
*MINIMIZATION OF IMPACTS ON SENSITIVE ECOSYSTEMS.
*ADAPTATION TO CLIMATE CHANGE.
*PROMOTION OF SUSTAINABLE PRACTICES.

SOCIOECONOMIC INFORMATION::

* INCREASE IN COMMERCIAL ACTIVITY IN THE PORT AREA, WHICH WOULD ACTIVATE THE DYNAMICS OF BUSINESSES ASSOCIATED WITH THE COMMERCIAL PORT.

* REACTIVATION OF A STRATEGIC SECTOR OF THE CITY, THE CITY'S PRIDE, THE COMMERCIAL PORT.

* BENEFITS IN THE GENERATION OF DIRECT AND INDIRECT EMPLOYMENT SOURCES.

FINANCIAL INFORMATION:

	Alternative	Alternative	Alternative
CAPEX (Reference)	$ 52'410.000	$ 87'260,000 million.	$ 180'960.000
OPEX (Reference)	$ 139'119.950	$ 140'722,950 million.	$ 142'822.950
Total project value	$ 191'529.950	$ 227,982,950 million.	$ 323'782.950

NOTE: IT IS IMPORTANT TO INDICATE THAT THE INVESTMENT AMOUNTS REFLECTED IN THE DIFFERENT ALTERNATIVES ARE REFERENTIAL, SINCE THEY COME FROM AN INITIAL PROJECT PROFILE. THESE AMOUNTS WILL BE UPDATED AS THE PHASES OF THE APP CYCLE PROGRESS, I.E., PREFEASIBILITY AND FEASIBILITY, RESPECTIVELY.

THE DELEGATING ENTITY CONCLUDES THAT ALTERNATIVE 2 IS THE ALTERNATIVE THAT BEST MEETS THE PROJECT OBJECTIVES AND SELECTION CRITERIA. THE ROAD CORRIDOR WILL INCLUDE APPROXIMATELY TWO TOLL STATIONS..

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

Alternative 1	Alternative 2	Alternative 3
3 years.	5 years.	10 years.

STATUS:

PRE-FEASIBILITY

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ELECTRIC CORPORATION OF ECUADOR (CELEC)

Projects:

WE ADD ENERGY
NEW THERMAL GENERATION

MODERNIZATION
MODERNIZATION OF THE PAUTE MOLINO HYDROELECTRIC PLANT

TRANSMISSION
STRENGTHENING THE ELECTRIC POWER TRANSMISSION SYSTEM

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PROJECT:

WE ADD ENERGY

NEW THERMAL GENERATION PLANTS FOR ECUADORIANS.

AMOUNT:

USD 437 MILLION

PROFITABILITY / BENEFICIARIES:

18'784,276 INHABITANTS
(PROJECTED TO 2030).

DESCRIPTION:

Incorporation of additional electricity generation infrastructure to expand the capacity of the National Interconnected System (SNI), necessary to guarantee the improvement of the quality and continuity of the public electricity service for the different consumption centers of the country, guaranteeing the right of users to receive a quality service, as dictated by the Constitution of Ecuador. It includes the following projects:

· La Concordia Emerging Acquired Generation 100 MW.
· Esmeraldas Emerging Acquired Generation 4 150 MW.
· Durán Emerging Acquired Generation 100 MW.
· Esmeraldas Emerging Acquired Generation 30 MW.

SCHEDULE:

First four-month period 2025 (subject to confirmation of financing from the Ministry of Economy and Finance).

STAGE:

Preparatory stage

TERM:

First quarter of 2026

PRIORITY LEVEL:

HIGH

JUSTIFICATION PRIORITY:

To normalize the stability of the electric service for Ecuadorians, especially during periods of low water levels and when large power plants are undergoing maintenance.

FINANCING
Associativity Process

Due to the speed with which these solutions are required, resources are currently being sought from the General State Budget (PGE).

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PROJECT:

WE MODERNIZE THE PAUTE MILL HYDROELECTRIC PLANT

MODERNIZATION OF THE CONTROL, MEASUREMENT, PROTECTION AND AUXILIARY SYSTEMS OF THE MILL POWER PLANT (1100 MW) AND ASSOCIATED SUBSTATION.

AMOUNT:

USD 162.75 MILLION

PROFITABILITY / BENEFICIARIES:

18'784,276 INHABITANTS
(PROJECTED TO 2030).

DESCRIPTION:

The supervision, control, protection, metering and auxiliary systems of the Molino power plant and substation are of the conventional type, with electromechanical technology, analog and solid-state electronics. This technology is currently obsolete and has been replaced by digital systems with microprocessors and intelligent electronic devices (IEDs).
The state of the equipment and the limitations of using obsolete technologies have determined the need to implement a modernization project for the Molino Power Plant and Substation.

Central Molino and Daniel Palacios Dam:

- Generation Units Control System.
- Auxiliary Systems of the Generation Units.
- Protection system for the Generation Units .
- Auxiliary Powerhouse Systems .
- Servers and communications network equipment.
- Auxiliary Systems of the Generation Control Center.
- Dam Auxiliary Systems.
- High Voltage Cable Replacement.

Molino Substation

-138kV GIS system.
-230kV GIS system.
-230/138/13.8 kV Transformer System.
-13.8kV Medium Voltage System.
- Auxiliary Services System.
-Control, Protection and Measurement System.
-Lighting system.
-Fire protection system.
-Communication, Monitoring and Video Surveillance System.
-Commercial metering system for generation units.
- Storage systems in Capulispamba.

SCHEDULE:

Depends on the confirmation of the financing by the Ministry of Economy and Finance.

JUSTIFICATION PRIORITY:

The modernization of the existing generation plants in the National Interconnected System (NIS) is essential to ensure the reliability and stability of the electricity supply, which allows guaranteeing the supply of the national electricity demand. The Molino Power Plant is the largest generation plant of the Paute Integral project with 1100 MW of power, and is a fundamental pillar to guarantee energy sovereignty.

Program aligned with the Strategic Objective of the Strategic Plan 2021-2025 of the executing agency (Ministry of Energy and Mines): "Increase efficiency and productivity in the use energy and mining resources".

STAGE:

Technical specifications, Terms of Reference (TOR's), market study are available.

FINANCING
Associativity Process

Because of the speed with which these solutions are required, resources are currently being sought from the General State Budget (PGE).

TERM:

4 years

PRIORITY LEVEL:

High

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PROJECT:

STRENGTHENING THE ELECTRIC POWER TRANSMISSION SYSTEM

TECHNOLOGICAL INNOVATION PROGRAM IN NATIONAL TRANSMISSION SYSTEM FACILITIES TO GUARANTEE DEMAND SUPPLY.

AMOUNT:

- CAPEX (BENCHMARK): USD 278.71MILLION
- OPEX (BENCHMARK): USD 201.51 MILLION

PROFITABILITY / BENEFICIARIES:

18'784,276 INHABITANTS
(PROJECTED TO 2030).

DESCRIPTION:

Infrastructure and equipment for modernization, replacement and repowering of assets to expand the transmission and transformation capacity of the National Transmission System (NIS), necessary to guarantee the electric energy transportation service to the different consumption centers of the country, as well as the integration of the production of the new electric generation plants to the National Interconnected System (NSI).

- Modernization of the Molino substation to guarantee the evacuation of energy from the Paute hydroelectric power plant.
- Projects to give Viability to the Connection to the SNT of generation based on Renewable Energies.
- Mobile Capacitive Compensation to improve quality of service and avoid cost overruns in polluting thermal generation.
- Increased transmission capacity due to increased demand in the Short Term

SCHEDULE:

Fourth quarter of 2025

STAGE:

Conceptual

TERM:

Five years
(referential)

PRIORITY LEVEL:

High

FINANCING
Associativity Process

Due to the speed with which these solutions are required, resources are currently being managed. of the General State Budget (PGE).

JUSTIFICATION PRIORITY:

The operating infrastructure, such as transmission lines and substations, face challenges related to aging, increased demand and new technical requirements derived from the energy transition, such as the integration of new energy generation with renewable sources, which generates a critical need to implement transmission capacity expansion projects considering the repowering and replacement of assets.

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NATIONAL ELECTRICITY CORPORATION (CNEL)

Projects:

MODERNIZATION OF THE MEASUREMENT SYSTEM
IMPLEMENTATION OF AN ADVANCED MEASUREMENT SYSTEM AMI

IMPROVEMENT IN THE QUALITY OF SERVICE AND READING
METER REPLACEMENT

EOR CONTRACTION OF EL ORO PORTOVELO SUBSTATION
HIGH-CAPACITY ELECTRICAL SUBSTATION

CONSTRUCTION OF THE NEW COLORADOS DEL BÚA LINE
69 KV SUBTRANSMISSION LINE

CONSTRUCTION OF LINE AND SUBSTATION PALESTINA VINCES
NEW DELIVERY POINT TO ALLEVIATE THE RADIAL SYSTEM

REMODELING OF THE LA CONCORDIA SUBSTATION
SUBSTATION MODERNIZATION

CONSTRUCTION OF RIO BONITO SUBSTATION
138 KV SUBTRANSMISSION LINE

REINFORCEMENT OF THE ESME UNIT SUBTRANSMISSION SYSTEM.
STRENGTHENING AND MODERNIZATION OF THE SUBTRANSMISSION SYSTEM

PONGAL SUBSTATION CONSTRUCTION
SUBSTATION TO MEET THE DEMAND OF THE JAM ARCHIPELAGO.

ENERGY READING AND CONTROL
INSTALLATION OF NEW METERS

ACSR CONDUCTORS STUDY AND REPOSITIONING
REPOWERING OF CONDUCTORS

RELOCATION AND REPOSITIONING SESME
REPLACE AND RELOCATE CHONE SUBTRANSMISSION LINE

CONSTRUCTION OF THE PAYAMINO DAYUMA LINE
EXTENSION OF THE PAYAMINO SUBSTATION

CONSTRUCTION OF THE SE PARAÍSO
BUILDING A SUBSTRATEGY FOR QUALITY IMPROVEMENT

CONSTRUCTION OF THE SE SABANA GRANDE
NEW 138 KV SUBSTATION

CHACRAS SUBSTATION
CONSTRUCTION OF THE CHACRAS 69KV SUBSTATION

LST MARCELINO MARIDUEÑA LST CONSTRUCTION
CONSTRUCTION OF A NEW SUBTRANSMISSION LINE

NEW VALLE HERMOSO SUBSTATION
RELOCATE AND MODERNIZE THE SUBSTATION

PATRICIA PILAR SUB-TRANSMISSION LINE CONSTRUCTION
CONSTRUCTION 43KM OF THE SUB-TRANSMISSION LINE

CONSTRUCTION THE AIRPORT
INCORPORATION OF NEW CLIENTS

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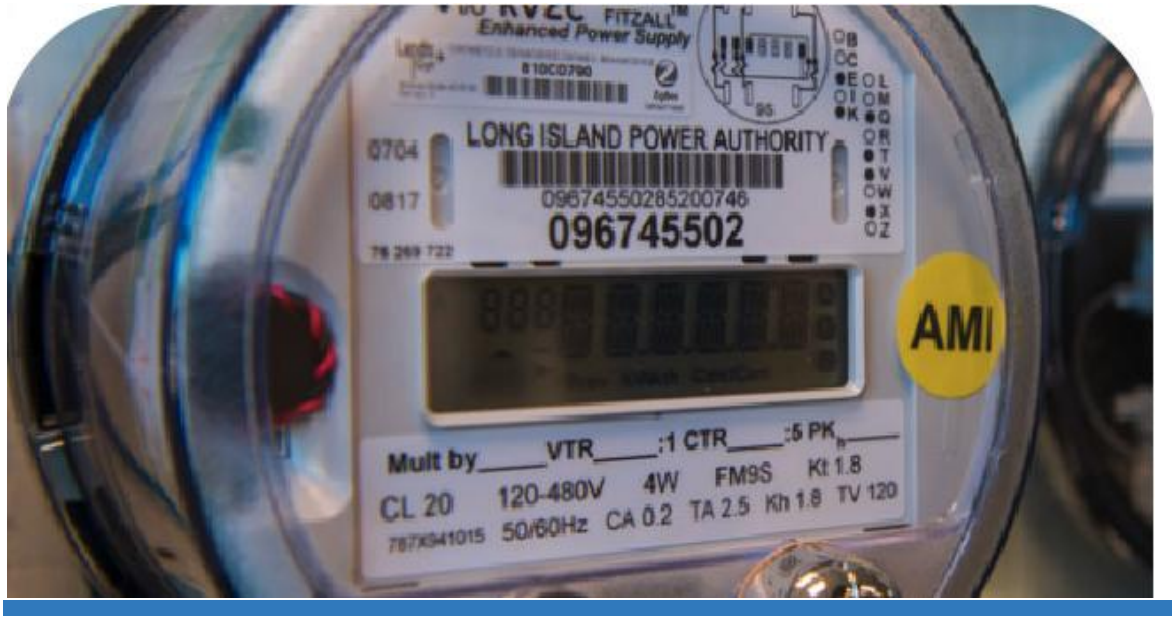

PROJECT:

MODERNIZATION OF THE MEASURING SYSTEM WITH ADVANCED MEASURING TECHNOLOGY

LOCATION:

PROVINCES OF GUAYAS, MANABÍ, EL ORO, LOS RÍOS, SANTA ELENA, SANTO DOMINGO AND ESMERALDAS.

DESCRIPTION:

THE PROJECT CONSISTS OF THE IMPLEMENTATION OF AN ADVANCED METERING SYSTEM (AMI) THAT SEEKS TO OPTIMIZE THE CONTROL OF ENERGY CONSUMPTION, REDUCE TECHNICAL AND COMMERCIAL LOSSES, AND REDUCE OPERATING COSTS. ITS MAIN OBJECTIVE IS TO IMPROVE THE EFFICIENCY OF THE ELECTRICITY SECTOR AND PROVIDE GREATER BENEFITS TO END USERS THROUGH MORE ACCURATE AND MODERN MANAGEMENT.

TYPE OF PROJECT:

BROWNFIELD

POTENTIAL DEMAND:

THE PROJECT CONTEMPLATES THE INSTALLATION OF METERS IN 300,000 HOMES, WHICH WILL ALLOW A WIDE COVERAGE IN THE IMPLEMENTATION AREA.

POTENTIAL JOBS GENERATED:

2,200 JOBS

FUNDAMENTAL CRITERIA:

THE PROJECT HAS A PRIORITY FOCUS DUE TO ITS ABILITY TO:
REDUCE ELECTRICAL ENERGY LOSSES, OPTIMIZE COMMERCIAL AND OPERATIONAL SERVICE COSTS, PROMOTE ENERGY SUSTAINABILITY THROUGH ADVANCED TECHNOLOGY.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

900,000 PEOPLE

FINANCIAL INFORMATION:

CAPEX: USD 73,346,177.40

QUALITATIVE BENEFITS:

COST REDUCTION. GREATER TRANSPARENCY AND CONTROL.
ENERGY SUSTAINABILITY.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

270 DAYS

COMPONENTS:

-ACQUISITION OF AMI METERS.
-INSTALLATION WITH OWN AND CONTRACTED PERSONNEL.

SOCIOECONOMIC INFORMATION:

THE IMPLEMENTATION OF THE SYSTEM WILL CONTRIBUTE TO A SIGNIFICANT REDUCTION IN ELECTRICAL ENERGY , WHICH WILL HAVE A POSITIVE IMPACT ON THE ECONOMY FOR BOTH CNEL EP AND THE CONSUMERS. ADDITIONALLY, THIS PROJECT STRENGTHENS LOCAL DEVELOPMENT THROUGH THE GENERATION OF EMPLOYMENT AND THE EFFICIENT USE OF ENERGY RESOURCES.

STATUS:

PREFEASIBILITY

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EOR CONSTRUCTION OF THE 138/69KV HIGH PART SUBSTATION, 138 KV LST CONNECTION, SE AVANZADA-SE HIGH PART AND 69 KV LST CONNECTION.

LOCATION:
EL ORO - PORTOVELO

DESCRIPTION:
THE PROJECT AIMS TO BUILD A HIGH CAPACITY (138/69 KV) ELECTRICAL SUBSTATION AND ITS RESPECTIVE SUB-TRANSMISSION LINES TO STRENGTHEN THE REGION'S ELECTRICAL INFRASTRUCTURE. THIS INCLUDES: A 138 KV DOUBLE TERN SUBTRANSMISSION LINE WITH 750 MCM ACAR CONDUCTOR, ALONG 54.3 KM, FOLLOWING THE MAIN ROUTE LA AVANZADA-PORTOVELO, THE IMPLEMENTATION OF THE PARTE ALTA SUBSTATION IN PORTOVELO CANTON, NEW SECTIONS OF 69 KV LINES THAT WILL CONNECT S/E PARTE ALTA WITH S/E PORTOVELO AND S/E PIÑAS, THE PROJECT SEEKS TO RESPOND TO THE GROWING DEMAND FOR ELECTRICITY DRIVEN BY ECONOMIC DEVELOPMENT, INDUSTRIALIZATION AND POPULATION GROWTH, PROMOTING A RELIABLE LONG-TERM SUPPLY.

TYPE OF PROJECT:
GREENFIELD

POTENTIAL DEMAND:
THE PROJECT IS DESIGNED TO MEET THE GROWING DEMAND FOR ENERGY IN THE REGION, WHICH IS DUE TO FACTORS SUCH AS: POPULATION GROWTH. EXPANSION OF INDUSTRIAL AND AGRICULTURAL ACTIVITIES. ECONOMIC DEVELOPMENT, PARTICULARLY IN KEY SECTORS SUCH AS MINING.

THIS STRENGTHENING OF THE POWER GRID WILL IMPROVE THE QUALITY OF SERVICE IN RURAL AND URBAN AREAS, ENCOURAGE INVESTMENT AND CONTRIBUTE TO COMPLIANCE WITH ENERGY AND SUSTAINABILITY STANDARDS.

POTENTIAL JOBS GENERATED:
1200 JOBS

FUNDAMENTAL CRITERIA:
THE PROJECT IS ALIGNED WITH THE NATIONAL PRIORITIES OF: STRENGTHENING ENERGY INFRASTRUCTURE.
GUARANTEE OF A RELIABLE, EFFICIENT AND SUSTAINABLE ELECTRICITY SUPPLY. IMPROVING THE QUALITY OF LIFE AND ECONOMIC COMPETITIVENESS IN THE REGION.

DELEGATION MODEL AND REMUNERATION MODEL:
MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:
38109 PERSONS

FINANCIAL INFORMATION:
BENCHMARK CAPEX: $32,465,467.21

QUALITATIVE BENEFITS:
IMPROVEMENT OF THE QUALITY OF ELECTRICITY SERVICE
INVESTMENT PROMOTION REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):
3 YEARS

COMPONENTS:
WORK SUPERVISION
ADMINISTRATION
ADMINISTRATION
SOCIALIZATION

SOCIOECONOMIC INFORMATION:
THE PROJECT WILL HAVE A POSITIVE IMPACT ON THE SOCIOECONOMIC DEVELOPMENT OF THE REGION BY ENSURING A MORE RELIABLE ELECTRICITY SUPPLY. THIS WILL IMPROVE THE QUALITY OF LIFE OF THE INHABITANTS AND PROVIDE ENERGY SUPPORT TO ESSENTIAL PRODUCTIVE ACTIVITIES SUCH AS MINING, AGRICULTURE AND INDUSTRY.

STATUS:
PREFEASIBILITY

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PROJECT: CONSTRUCTION OF LINE AND SUBSTATION 138 KV PALESTINA-VINCES 2 AND CONSTRUCTION OF LINE AND SUBSTATION AT 138 S/E VINCES 2-S/E PUEBLOVIEJO.

LOCATION:

PROVINCES OF GUAYAS AND LOS RÍOS - PALESTINA AND VINCES

DESCRIPTION:

THE PROJECT AIMS TO CONSTRUCT A NEW TRANSMISSION LINE AND SUBSTATIONS AT 138 KV, CREATING A NEW DELIVERY POINT THAT WILL RELIEVE THE CURRENT RADIAL SYSTEM, WHICH OPERATES AT 69 KV. THIS IMPROVEMENT WILL OPTIMIZE VOLTAGE LEVELS AT THE POINTS FARTHEST FROM THE SOURCE, PROMOTING A MORE RELIABLE AND EFFICIENT ELECTRICAL SYSTEM. THESE ACTIONS ARE AIMED AT GUARANTEEING A STABLE ELECTRICITY SUPPLY TO MEET THE GROWING DEMANDS OF THE REGION.

TYPE OF PROJECT:

GREENFIELD

POTENTIAL DEMAND:

THE PROJECT RESPONDS TO THE GROWING DEMAND FOR ELECTRICITY DRIVEN BY: POPULATION GROWTH.
INDUSTRIALIZATION AND REGIONAL ECONOMIC DEVELOPMENT. ACTIVITIES RELATED TO AGRICULTURE AND AGRIBUSINESS.

POTENTIAL JOBS GENERATED:

1500 JOBS

FUNDAMENTAL CRITERIA:

THIS PROJECT IS A NATIONAL PRIORITY BECAUSE OF THE BENEFITS IT WILL BRING TO THE ENERGY SECTOR, INCLUDING: IMPROVED VOLTAGE LEVELS AND REDUCED OUTAGES.
NCREASE IN THE STABILITY AND RELIABILITY OF THE ELECTRICITY SYSTEM. SUPPORT FOR ECONOMIC DEVELOPMENT IN KEY SECTORS.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

10000 USERS

FINANCIAL INFORMATION:

TOTAL INVESTMENT (REFERENTIAL CAPEX): USD 30,500,000.

QUALITATIVE BENEFITS:

IMPROVEMENT OF THE QUALITY OF ELECTRICITY SERVICE
INVESTMENT PROMOTION
REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

2 YEARS

COMPONENTS:

WORK AUDIT
ADMINISTRATION

SOCIOECONOMIC INFORMATION:

THE PROJECT WILL HAVE A POSITIVE IMPACT ON THE SOCIOECONOMIC DEVELOPMENT OF THE BENEFICIARY COMMUNITIES, STRENGTHENING KEY ACTIVITIES SUCH AS AGRICULTURE AND AGROINDUSTRIALIZATION. THE IMPROVEMENT OF THE ELECTRICITY SYSTEM WILL CONTRIBUTE TO THE QUALITY OF LIFE OF THE INHABITANTS AND PROMOTE SUSTAINABLE ECONOMIC DEVELOPMENT.

STATUS:

CONCEPTUAL

BACK TO HOME PAGE

CONSTRUCTION OF THE RIO BONITO 138/69 KV SUBSTATION AND ITS SUBTRANSMISSION LINE

LOCATION:

EL ORO EL
GUABO
RÍO BONITO

DESCRIPTION:

THE PROJECT AIMS TO BUILD A 138 KV SUBTRANSMISSION LINE WITH 1200 MCM ACAR CONDUCTOR GAUGE, FROM THE SAN IDELFONSO SUBSTATION, OPERATED BY CELEC TRANSELECTRIC, TO THE NEW 138/69 KV RÍO BONITO SUBSTATION. THE SUBSTATION WILL BE LOCATED AT COORDINATES 636733; 9656427, USING AVAILABLE SPACE EFFICIENTLY. THIS DEVELOPMENT SEEKS TO SOLVE THE VOLTAGE PROBLEMS IN THE NORTHERN PART OF THE CONCESSION, GUARANTEEING A MORE RELIABLE AND EFFICIENT ELECTRICAL SYSTEM.

TYPE OF PROJECT:

GREENFIELD

POTENTIAL DEMAND:

THE PROJECT RESPONDS TO THE GROWING DEMAND FOR ELECTRICITY IN THE REGION, DERIVED FROM: POPULATION GROWTH.
DEVELOPMENT OF ECONOMIC SECTORS SUCH AS MINING, AQUACULTURE AND AGRICULTURE. GROWTH OF INDUSTRIALIZATION AND PRODUCTIVE ACTIVITIES.

POTENTIAL JOBS GENERATED:

1000 JOBS

FUNDAMENTAL CRITERIA:

THE PROJECT IS ALIGNED WITH NATIONAL PRIORITIES TO ENSURE:
BETTER QUALITY IN VOLTAGE INDEXES, COMPLYING WITH THE QUALITY REGULATION OF THE ELECTRIC SERVICE, GREATER STABILITY AND RELIABILITY OF THE ENERGY SYSTEM IN THE LONG TERM.
SUPPORT FOR THE GROWTH OF STRATEGIC PRODUCTIVE SECTORS.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

23,280 PEOPLE

FINANCIAL INFORMATION:

REFERENTIAL CAPEX:$ 18,277,053.51

QUALITATIVE BENEFITS:

IMPROVEMENT OF THE QUALITY OF ELECTRICITY SERVICE
INVESTMENT PROMOTION
REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

3 YEARS

COMPONENTS:

WORK SUPERVISION
ADMINISTRATION
ADMINISTRATION
SOCIALIZATION

SOCIOECONOMIC INFORMATION:

THE PROJECT WILL HAVE A DIRECT IMPACT ON THE ECONOMIC AND SOCIAL DEVELOPMENT OF THE NORTHERN REGION OF THE CONCESSION AREA, IMPROVING THE QUALITY OF ELECTRICITY SERVICE AND SUPPORTING KEY ACTIVITIES IN THE MINING, AQUACULTURE, AND AGRICULTURE SECTORS. THIS WILL CONTRIBUTE SIGNIFICANTLY TO THE SUSTAINABLE ECONOMIC GROWTH OF THE REGION.

STATUS:

FEASIBILITY

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CONSTRUCTION OF THE PONGAL SUBSTATION, SUBTRANSMISSION LINE AND PRIMARY FEEDERS

LOCATION:

EL ORO
SANTA ROSA
JAMBELI

DESCRIPTION:

SATISFY THE DEMAND OF THE JAMBELI ARCHIPELAGO WITH THE EXISTING MEDIUM VOLTAGE NETWORK FROM THE ARENILLAS SUBSTATION TO THE ARCHIPELAGO AND THE CHANGE FROM SINGLE-PHASE TO THREE-PHASE NETWORKS AT THE FURTHEST POINTS OF THE ARCHIPELAGO, WITH A LENGTH OF 75.9 KM FOR ONE FEEDER AND 58.33 KM FOR THE OTHER. THE VOLTAGE LEVEL STILL DOES NOT COMPLY WITH THE RANGE ALLOWED IN REGULATION ARCERNNR 002/20. THIS ALTERNATIVE WILL NOT ALLOW THE INCLUSION OF POTENTIAL CUSTOMERS IN THE AQUACULTURE SECTOR, AS THEIR DEMAND IS GREATER THAN WHAT THE FEEDERS CAN OFFER. ONLY THE % OF VEGETATIVE GROWTH RATE IS CONSIDERED FOR THIS ALTERNATIVE.

TYPE OF PROJECT:

GREENFIELD

POTENTIAL DEMAND:

THE PROJECT RESPONDS TO THE GROWING DEMAND FOR ELECTRICITY IN THE REGION, DRIVEN BY:
POPULATION INCREASE.
GROWTH OF THE AQUACULTURE AND AGRICULTURAL SECTORS.
NEEDS FOR A MORE RELIABLE AND STABLE SYSTEM FOR THE STRATEGIC PRODUCTIVE SECTORS.
THE INITIATIVE WILL IMPROVE ELECTRICITY SERVICE IN RURAL AND URBAN AREAS, INCREASE THE QUALITY OF LIFE, ATTRACT INVESTMENT AND ENSURE COMPLIANCE WITH ENERGY AND SUSTAINABILITY STANDARDS.

POTENTIAL JOBS GENERATED:

800 JOBS

FUNDAMENTAL CRITERIA:

IMPROVEMENT OF THE QUALITY OF ELECTRIC SERVICE QUALITY
INVESTMENT PROMOTION
REGULATORY COMPLIANCE

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

20,000 PEOPLE

FINANCIAL INFORMATION:

BENCHMARK CAPEX:$ 11.545.766

QUALITATIVE BENEFITS:

INCREASE IN THE QUALITY OF ELECTRIC SERVICE AND COMPLIANCE WITH REGULATORY STANDARDS.

ATTRACT STRATEGIC ECONOMIC INVESTMENTS IN PRODUCTIVE SECTORS.

GENERATION OF EMPLOYMENT AND SOCIAL DEVELOPMENT OPPORTUNITIES IN THE REGION.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

CAPEX: 1 YEAR

COMPONENTS:

WORK SUPERVISION, ADMINISTRATION AND SOCIALIZATION

SOCIOECONOMIC INFORMATION:

THE PROJECT WILL HAVE A DIRECT IMPACT ON THE ECONOMIC AND SOCIAL DEVELOPMENT OF THE REGION, IMPROVING THE QUALITY OF ELECTRICITY SERVICE AND PROMOTING THE GROWTH OF STRATEGIC SECTORS SUCH AS AQUACULTURE. THIS WILL CONTRIBUTE TO SUSTAINABLE DEVELOPMENT AND REGIONAL COMPETITIVENESS.

STATUS:

PREFEASIBILITY

BACK TO HOME PAGE

STUDY AND REPOWERING OF ACSR 266.8 CONDUCTORS WITH 750 MCM ACAR CONDUCTOR

LOCATION:
GUAYAS MILAGRO

DESCRIPTION:
DUE TO THE INCREASE IN DEMAND, THE LENGTH AND USEFUL LIFE OF THE SUB-TRANSMISSION LINES (LST) PRESENT VOLTAGE DROPS ABOVE THE PERMISSIBLE LIMITS. THE PROJECT SEEKS TO PERFORM THE NECESSARY TECHNICAL ANALYSIS TO DETERMINE THE BEST ALTERNATIVE FOR THE REPOWERING OF CONDUCTORS, USING ACAR 750 MCM AS THE OPTIMUM SOLUTION.

TYPE OF PROJECT:
BROWNFIELD

POTENTIAL DEMAND:
THE PROJECT IS DESIGNED TO MEET THE GROWING ENERGY DEMANDS OF THE REGION, DERIVED FROM: POPULATION GROWTH.
DEVELOPMENT OF STRATEGIC SECTORS SUCH AS AQUACULTURE AND AGRICULTURE.
INCREASED NEED FOR RELIABLE ELECTRICAL INFRASTRUCTURE TO SUPPORT ECONOMIC AND PRODUCTIVE ACTIVITIES.

POTENTIAL JOBS GENERATED:
200 JOBS

FUNDAMENTAL CRITERIA:
GUARANTEEING THE QUALITY AND CONTINUITY OF ELECTRIC SERVICE IN COMPLIANCE WITH NATIONAL AND INTERNATIONAL REGULATORY STANDARDS. SUPPORT FOR THE GROWTH AND DEVELOPMENT OF KEY PRODUCTIVE SECTORS.

DELEGATION MODEL AND REMUNERATION MODEL:
MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:
LOCAL COMMUNITIES IN THE REGION OF INFLUENCE

FINANCIAL INFORMATION:
BUDGET: USD$ 10,735,901.91

QUALITATIVE BENEFITS:
IMPROVEMENT OF THE QUALITY OF ELECTRICITY SERVICE
INVESTMENT PROMOTION REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):
1 YEAR

COMPONENTS:
CONDUCTOR REPOWERING STUDY

SOCIOECONOMIC INFORMATION:
THE PROJECT WILL HAVE A POSITIVE IMPACT ON THE QUALITY OF LIFE OF LOCAL COMMUNITIES AND ON THE CONTINUITY OF ELECTRICITY SERVICE, FOSTERING THE GROWTH OF PRODUCTIVE SECTORS AND CONTRIBUTING TO THE SUSTAINABLE ECONOMIC DEVELOPMENT OF THE REGION.

STATUS:
CONCEPTUAL

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CONSTRUCTION PAYAMINO - DAYUMA SUBTRANSMISSION LINE AND DAYUMA SUBSTATION

LOCATION:

ORELLANA
FRANCISCO DE ORELLANA
DAYUMA

DESCRIPTION:

THIS PROJECT FOCUSES ON THE CONSTRUCTION OF THE NEW 10/12.5 MVA DAYUMA SUBSTATION, THE EXPANSION OF THE PAYAMINO SUBSTATION AND THE IMPLEMENTATION OF A 69 KV SUBTRANSMISSION LINE BETWEEN PAYAMINO AND DAYUMA. THE PURPOSE OF THESE WORKS IS TO MEET THE ENERGY NEEDS OF THE REGION, ENSURING A RELIABLE SUPPLY THAT WILL BOOST LOCAL ECONOMIC DEVELOPMENT AND MEET THE REQUIRED QUALITY STANDARDS.

TYPE OF PROJECT:

GREENFIELD

POTENTIAL DEMAND:

THE PROJECT ADDRESSES THE GROWING NEED FOR ELECTRICITY IN THE REGION DUE TO:
POPULATION GROWTH.
INDUSTRIALIZATION AND ECONOMIC DEVELOPMENT IN STRATEGIC SECTORSGROWTH IN RURAL AND URBAN PRODUCTIVE ACTIVITIES.
THIS INITIATIVE WILL ENSURE A RELIABLE AND SUSTAINABLE ELECTRICITY SYSTEM, ATTRACTING INVESTMENT AND IMPROVING THE QUALITY OF LIFE OF LOCAL COMMUNITIES.

POTENTIAL JOBS GENERATED:

100 APPROX.

FUNDAMENTAL CRITERIA:

IMPROVEMENT OF THE QUALITY OF ELECTRIC POWER SERVICE
INVESTMENT PROMOTION
REGULATORY COMPLIANCE

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

7065 PERSONS

FINANCIAL INFORMATION:

CAPEX= USD 9'934,550.75

QUALITATIVE BENEFITS:

SIGNIFICANT IMPROVEMENT IN THE QUALITY OF ELECTRIC SERVICE

BOOSTING ECONOMIC AND SOCIAL DEVELOPMENT IN THE REGION.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

1 YEAR

COMPONENTS:

AUDIT WORK
ADMINISTRATION
AND
SOCIALIZATION

SOCIOECONOMIC INFORMATION:

THE PROJECT WILL CONTRIBUTE TO IMPROVE THE LIVING CONDITIONS OF THE INHABITANTS THROUGH A RELIABLE AND CONTINUOUS ELECTRIC SERVICE, FOSTERING THE GROWTH OF STRATEGIC PRODUCTIVE SECTORS IN THE REGION.

STATUS:

FEASIBILITY

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CONSTRUCTION OF THE 138 KV SABANA GRANDE SUBSTATION.

LOCATION:
GUAYAS
BEACHES
POSORJA

DESCRIPTION:
THE MAIN PURPOSE OF THE PROJECT IS THE CONSTRUCTION OF A NEW 138 KV SUBSTATION IN SABANA GRANDE. THIS INFRASTRUCTURE WILL ALLOW THE INCORPORATION OF NEW CUSTOMERS TO THE DIFFERENT CONSUMPTION GROUPS AND SIGNIFICANTLY IMPROVE THE CONDITIONS OF THE PUBLIC ELECTRIC POWER SERVICE IN THE REGION. THE DESIGN INCLUDES MODERN EQUIPMENT AND STRATEGIC PLANNING TO GUARANTEE EFFICIENCY AND SUSTAINABILITY IN THE LONG TERM.

TYPE OF PROJECT:
GREENFIELD

POTENTIAL DEMAND:
THE PROJECT RESPONDS TO THE GROWING DEMAND FOR ELECTRICITY IN THE REGION, DRIVEN BY: POPULATION GROWTH.
ECONOMIC EXPANSION IN STRATEGIC SECTORS SUCH AS AGRICULTURE AND AQUACULTURE.
DEVELOPMENT OF NEW URBAN AND RURAL AREAS, IMPROVING THE QUALITY OF LIFE AND REGIONAL COMPETITIVENESS.

POTENTIAL JOBS GENERATED:
600 JOBS

FUNDAMENTAL CRITERIA:
PRIORITY PROJECT AND DULY ALIGNED WITH THE OBJECTIVE, POLICY AND GOAL OF THE NATIONAL DEVELOPMENT PLAN AND STRATEGIC PLANNING AT THE SECTOR LEVEL.

DELEGATION MODEL AND REMUNERATION MODEL:
MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:
53,000 INHABITANTS.

FINANCIAL INFORMATION:
CAPEX (REFERENCE): $9'804,056.30

QUALITATIVE BENEFITS:
IMPROVEMENT OF THE QUALITY OF ELECTRICITY SERVICE PROMOTION FROM INVESTMENT

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):
3 YEARS

COMPONENTS:
CONSTRUCTION WORK
EQUIPMENT AUDITING

SOCIOECONOMIC INFORMATION:
THE PROJECT WILL CONTRIBUTE TO INCREASING ELECTRICITY COVERAGE AND IMPROVING THE QUALITY OF SERVICE, PROMOTING THE ECONOMIC AND SOCIAL DEVELOPMENT OF THE REGION. THIS WILL PROMOTE KEY PRODUCTIVE ACTIVITIES SUCH AS AGRICULTURE AND AQUACULTURE.

STATUS:
CONCEPTUAL

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CONSTRUCTION OF 69 KV LST 69 KV S/E MARCELINO MARIDUEÑA- S/E BUCAY

LOCATION:
GUAYAS, BUCAY

DESCRIPTION:
THE PROJECT CONSISTS OF THE CONSTRUCTION OF A NEW 69 KV SUBTRANSMISSION LINE THAT WILL CONNECT THE MARCELINO MARIDUEÑA SUBSTATION WITH THE BUCAY SUBSTATION. THIS DEVELOPMENT IS DESIGNED TO IMPROVE THE QUALITY OF THE POWER SUPPLY AND INCREASE THE AVAILABILITY OF ENERGY IN THE BUCAY AREA, PROMOTING ECONOMIC AND SOCIAL GROWTH IN THE REGION.

TYPE OF PROJECT:
GREENFIELD

POTENTIAL DEMAND:
THE PROJECT RESPONDS TO THE REGION'S GROWING ENERGY NEEDS, DRIVEN BY: SUSTAINED POPULATION GROWTH. DEVELOPMENT OF STRATEGIC PRODUCTIVE SECTORS SUCH AS RESIDENTIAL, AQUACULTURE AND AGRICULTURE. INCREASE IN INDUSTRIALIZATION AND LOCAL ECONOMIC ACTIVITIES.

POTENTIAL JOBS GENERATED:
600 JOBS

FUNDAMENTAL CRITERIA:
TO GUARANTEE A RELIABLE AND QUALITY ELECTRICITY SUPPLY TO SUPPORT THE EXPANSION AND STABILITY OF THE REGIONAL ELECTRICITY SYSTEM.
FACILITATE ECONOMIC DEVELOPMENT BY STRENGTHENING THE ELECTRIC INFRASTRUCTURE.

DELEGATION MODEL AND REMUNERATION MODEL:
MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES.

BENEFICIARIES:
INHABITANTS AND PRODUCTIVE SECTORS OF THE BUCAY AREA

FINANCIAL INFORMATION:
BUDGET: $8,970,000.00

QUALITATIVE BENEFITS:
IMPROVEMENT OF THE QUALITY OF ELECTRIC POWER SERVICE PROMOTION OF INVESTMENTS REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):
3 YEARS

COMPONENTS:
CONSTRUCTION
FISCALIZATION
PLANNING

SOCIOECONOMIC INFORMATION:
THE PROJECT WILL HAVE A POSITIVE IMPACT ON THE REGION BY GUARANTEEING THE CONTINUITY AND STABILITY OF THE ELECTRICITY SERVICE. THIS WILL PROMOTE THE DEVELOPMENT OF STRATEGIC SECTORS SUCH AS AQUACULTURE AND AGRICULTURE, AND IMPROVE THE QUALITY OF LIFE OF LOCAL COMMUNITIES.

STATUS:
FEASIBILITY

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CONSTRUCTION OF 43 KM OF SUBTRANSMISSION LINE BETWEEN PATRICIA PILAR AND PARAÍSO LA 14

LOCATION:
PROVINCE OF LOS RÍOS, ECUADOR

DESCRIPTION:
THE PROJECT CONSISTS OF THE CONSTRUCTION OF 43 KM OF SUBTRANSMISSION LINE BETWEEN PATRICIA PILAR AND PARAÍSO LA 14. ITS MAIN OBJECTIVE IS TO IMPROVE THE QUALITY OF ELECTRICITY SERVICE, ALIGNING WITH REGULATORY STANDARDS AND GUARANTEEING A RELIABLE SUPPLY FOR RURAL AND URBAN AREAS.

TYPE OF PROJECT:
GREENFIELD

POTENTIAL DEMAND:
WILL SERVE THE REGION'S GROWING ELECTRICITY CONSUMPTION, DRIVEN BY POPULATION GROWTH, INDUSTRIAL DEVELOPMENT AND ECONOMIC GROWTH. THIS PROJECT IS ESSENTIAL TO ENSURE A STABLE AND RELIABLE SUPPLY OVER THE LONG .

POTENTIAL JOBS GENERATED:
450 JOBS

FUNDAMENTAL CRITERIA:
IMPROVED QUALITY OF ELECTRIC SERVICE IN COMPLIANCE WITH REGULATORY STANDARDS.
REDUCTION OF OUTAGES AND IMPROVEMENT OF GRID RELIABILITY.
COMPLIANCE WITH ENERGY AND SUSTAINABILITY STANDARDS

DELEGATION MODEL AND REMUNERATION MODEL:
MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:
10,000 PEOPLE

FINANCIAL INFORMATION:
CAPEX: $7,454,785.28

QUALITATIVE BENEFITS:
IMPROVEMENT OF THE QUALITY OF ELECTRIC POWER SERVICE PROMOTION OF INVESTMENTS REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):
1 YEAR

COMPONENTS:
WORK SUPERVISION
ADMINISTRATION
ADMINISTRATION
SOCIALIZATION

SOCIOECONOMIC INFORMATION:
THE REGION IS SHOWING SUSTAINABLE ECONOMIC GROWTH AND IS A KEY HUB FOR SECTORS SUCH AS AGRICULTURE AND TOURISM. THE PROJECT WILL BENEFIT MORE THAN 10,000 INHABITANTS, IMPROVING THEIR ACCESS TO ESSENTIAL SERVICES.

STATUS:
CONCEPTUAL

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IMPROVEMENT OF THE QUALITY OF SERVICE AND METER READING THROUGH THE REPLACEMENT OF OLD METERS - SECTOR III, IV, V, VI AND VII - IN THE CITY OF GUAYAQUIL, IN THE CONCESSION AREA OF CNEL EP, UN GUAYAQUIL.

LOCATION:

GUAYAS-GUAYAQUIL-TARQUI

DESCRIPTION:

THE PURPOSE OF THE PROJECT IS TO REPLACE OBSOLETE METERS IN SECTORS III, IV, V, VI AND VII OF GUAYAQUIL, WITHIN THE CNEL EP CONCESSION AREA. THIS IMPROVEMENT WILL OPTIMIZE THE QUALITY OF ELECTRICITY SERVICE, GUARANTEE EFFICIENT CONSUMPTION CONTROL AND REDUCE COMMERCIAL LOSSES.

TYPE OF PROJECT:

BROWNFIELD

POTENTIAL DEMAND:

THE PROJECT DIRECTLY BENEFITS 37,000 INHABITANTS AND INDIRECTLY BENEFITS 60,000 INHABITANTS BY ENSURING A MORE RELIABLE ELECTRICITY SUPPLY AND REDUCING ENERGY LOSSES.T

POTENTIAL JOBS GENERATED:

350 JOBS

FUNDAMENTAL CRITERIA:

MODERNIZATION OF THE ELECTRICITY SYSTEM TO ENSURE OPERATIONAL EFFICIENCY.
CONTRIBUTION TO COMPLIANCE WITH THE NATIONAL DEVELOPMENT PLAN AND ENERGY SUSTAINABILITY GOALS. REDUCTION OF COMMERCIAL LOSSES DERIVED FROM OBSOLETE METERS.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

37,000 INHABITANTS.

FINANCIAL INFORMATION:

CAPEX (REFERENCE):$ 6'699,814.97

QUALITATIVE BENEFITS:

IMPROVEMENT OF THE QUALITY OF ELECTRICITY SERVICE
INVESTMENT PROMOTION
REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

1 YEAR

COMPONENTS:

ACQUISITION OF METERS.
INSTALLATION OF METERS.
TECHNICAL SUPERVISION

SOCIOECONOMIC INFORMATION:

MODERNIZATION WILL LEAD TO A SUBSTANTIAL IMPROVEMENT IN THE QUALITY OF ELECTRICITY SERVICE, PROMOTING GREATER COLLECTION AND A MORE ACCURATE . THIS GENERATES SUSTAINABLE ECONOMIC AND SOCIAL BENEFITS FOR LOCAL COMMUNITIES.

STATUS:

FEASIBILITY

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CONSTRUCTION OF THE NEW SUB-TRANSMISSION LINE COLORADOS DEL BÚA - LA CONCORDIA 69 KV.

LOCATION:

PROVINCE DE SANTO DOMINGO DE LOS TSÁCHILAS

DESCRIPTION:

THE PROJECT CONSISTS OF THE CONSTRUCTION OF A NEW 69 KV SUB-TRANSMISSION LINE BETWEEN COLORADOS DEL BÚA AND LA CONCORDIA. THE CURRENT LINE HAS REACHED THE END OF ITS USEFUL LIFE AND RUNS THROUGH MOUNTAINOUS AREAS, WHICH MAKES IT VULNERABLE. THE OBJECTIVE IS TO REPOWER AND RELOCATE THE LINE TO ENSURE THE CONTINUITY OF ELECTRIC SERVICE.

TYPE OF PROJECT:

GREENFIELD

POTENTIAL DEMAND:

THE PROJECT RESPONDS TO THE INCREASING DEMAND FOR ELECTRICITY IN THE REGION, DRIVEN BY THE POPULATION GROWTH, INDUSTRIALIZATION AND ECONOMIC DEVELOPMENT. THE AIM IS TO ENSURE A RELIABLE ELECTRICITY SUPPLY IN THE LONG TERM, IMPROVING THE QUALITY OF LIFE AND COMPLYING WITH ENERGY AND SUSTAINABILITY STANDARDS.

POTENTIAL JOBS GENERATED:

400 JOBS

FUNDAMENTAL CRITERIA:

IMPROVE THE CONTINUITY OF ELECTRIC SERVICE.
COMPLY WITH ENERGY AND SUSTAINABILITY REGULATIONS. STRENGTHENING THE POWER GRID TO ENSURE A RELIABLE SUPPLY.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

23,280 PEOPLE

FINANCIAL INFORMATION:

CAPEX:$ 6,599,427.8

QUALITATIVE BENEFITS:

IMPROVEMENT OF THE QUALITY OF ELECTRICITY SERVICE
INVESTMENT PROMOTION
REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

1 YEAR

COMPONENTS:

CONSTRUCTION
TECHNICAL SUPERVISION
RELOCATION:

SOCIOECONOMIC INFORMATION:

THE PROJECT WILL BENEFIT MORE THAN 23,280 INHABITANTS, IMPROVING THEIR ACCESS TO RELIABLE ELECTRICITY SERVICES AND PROMOTING THE ECONOMIC AND SOCIAL DEVELOPMENT OF THE REGION.

STATUS:

CONCEPTUAL

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REMODELING OF LA CONCORDIA SUBSTATION 69/13.8 KV (20/25 MVA)

LOCATION:

PROVINCE OF SANTO DOMINGO DE LOS TSÁCHILAS, SECTOR LA CONCORDIA

DESCRIPTION:

THE PROJECT SEEKS TO MODERNIZE THE LA CONCORDIA 69/13.8 KV SUBSTATION, ENSURING ITS OPERATING CAPACITY TO SERVE AS THE DELIVERY POINT FROM THE TRANSELECTRIC SUBSTATION AND THE EXIT OF THE LINE TO THE LA UNIÓN SUBSTATION. THIS APPROACH WILL STRENGTHEN THE SUB-TRANSMISSION NETWORK AND IMPROVE THE QUALITY OF ELECTRICITY SUPPLY IN THE REGION.

TYPE OF PROJECT:

BROWNFIELD

POTENTIAL DEMAND:

THE PROJECT RESPONDS TO THE INCREASE IN ELECTRICITY DEMAND DUE TO THE POPULATION AND ECONOMIC GROWTH IN THE REGION. THIS WILL GUARANTEE A STABLE AND EFFICIENT SUPPLY, PROMOTING QUALITY OF LIFE AND SUPPORTING INDUSTRIAL AND AGRICULTURAL DEVELOPMENT.

POTENTIAL JOBS GENERATED:

300 JOBS

FUNDAMENTAL CRITERIA:

SUBSTATION MODERNIZATION TO ENSURE RELIABLE SERVICE. IMPLEMENTATION OF SUB-TRANSMISSION OUTLETS TO OPTIMIZE POWER FLOW. COMPLIANCE WITH ENERGY AND SUSTAINABILITY REGULATIONS.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

12000 PERSONS

FINANCIAL INFORMATION:

CAPEX:$ 6,336,278.98

QUALITATIVE BENEFITS:

IMPROVEMENT OF THE QUALITY OF ELECTRIC POWER SERVICE PROMOTION OF INVESTMENTS REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

1 YEAR

COMPONENTS:

REMODELING
TECHNICAL SUPERVISION
IMPLEMENTATION

SOCIOECONOMIC INFORMATION:

THE BENEFITED AREA INCLUDES RURAL AND URBAN COMMUNITIES DEPENDENT ON RELIABLE POWER SUPPLY FOR ECONOMIC AND SOCIAL DEVELOPMENT

STATUS:

CONCEPTUAL

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REINFORCEMENT OF THE SUBTRANSMISSION SYSTEM IN CNEL EP ESMERALDAS BUSINESS UNIT

LOCATION:

PROVINCE OF ESMERALDAS, CANTONS: ESMERALDAS, ATACAMES, MUISNE AND EL SALTO.

DESCRIPTION:

THE PROJECT AIMS TO STRENGTHEN AND MODERNIZE THE SUBTRANSMISSION AND DISTRIBUTION SYSTEM IN THE CNEL EP ESMERALDAS BUSINESS UNIT'S CONCESSION AREA. THIS INCLUDES THE CONSTRUCTION OF A NEW 39.8 KM SUBTRANSMISSION LINE TO MEET THE GROWING DEMAND FOR ELECTRICITY IN THE RURAL CANTONS OF ATACAMES, MUISNE AND ESMERALDAS, IMPROVING THE RELIABILITY OF SUPPLY AND COMPLYING WITH SUSTAINABILITY REGULATIONS.

TYPE OF PROJECT:

BROWNFIELD

POTENTIAL DEMAND:

THE PROJECT IS DESIGNED TO MEET THE NEEDS OF 34,000 REGULATED CUSTOMERS, PROVIDING ACCESS TO RELIABLE AND QUALITY ELECTRICITY. IN ADDITION, IT RESPONDS TO THE ECONOMIC AND POPULATION GROWTH OF THE REGION, PROMOTING SUSTAINABLE DEVELOPMENT IN RURAL AREAS.

POTENTIAL JOBS GENERATED:

125,000 INHABITANTS

FUNDAMENTAL CRITERIA:

COMPLIANCE WITH THE NATIONAL DEVELOPMENT PLAN.
IMPROVED CONTINUITY AND QUALITY OF ELECTRIC SERVICE. REDUCTION OF TECHNICAL AND COMMERCIAL LOSSES IN THE NETWORK.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

125,000 INHABITANTS

FINANCIAL INFORMATION:

PROJECT VALUE:$ 6,265,261.49 MILLION.

QUALITATIVE BENEFITS:

REDUCTION OF ENERGY LOSSES
INCREASED RELIABILITY
IMPULSE TO REGIONAL DEVELOPMENT.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

2 YEARS

COMPONENTS:

REPOWERING
RECONFIGURATION

SOCIOECONOMIC INFORMATION:

THE MODERNIZATION OF THE POWER GRID WILL HAVE A POSITIVE IMPACT ON THE RELIABILITY OF THE SYSTEM, IMPROVING THE QUALITY OF LIFE OF THE POPULATION AND REDUCING OPERATING AND MAINTENANCE COSTS FOR THE SYSTEM OPERATOR.

STATUS:

FEASIBILITY

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IMPROVEMENT IN THE QUALITY OF SERVICE FOR METER READING AND ENERGY CONTROL IN DENSELY POPULATED AREAS.

LOCATION:
PROVINCE OF GUAYAS, CITY OF GUAYAQUIL, PARISH OF TARQUI

DESCRIPTION:
THE PROJECT SEEKS TO IMPLEMENT ADVANCED METERING TECHNOLOGY (AMI) TO IMPROVE THE CONTROL AND QUALITY OF ENERGY CONSUMED BY USERS IN AREAS OF HIGH POPULATION DENSITY WITHIN THE CONCESSION AREA OF CNEL EP - GUAYAQUIL BUSINESS UNIT (STAGE 1). THIS WILL MODERNIZE METERING PROCESSES, IMPROVE COLLECTION AND OPTIMIZE ENERGY MANAGEMENT.

TYPE OF PROJECT:
GREENFIELD

POTENTIAL DEMAND:
DIRECTLY BENEFIT 20,000 INHABITANTS AND INDIRECTLY BENEFIT 40,000 INHABITANTS IN DENSELY POPULATED , ENSURING EFFICIENT ELECTRICITY SUPPLY AND RELIABLE CONSUMPTION CONTROL.

POTENTIAL JOBS GENERATED:
350 JOBS

FUNDAMENTAL CRITERIA:
PROJECT ALIGNED WITH THE GOALS OF THE NATIONAL DEVELOPMENT PLAN.
IMPROVED ENERGY EFFICIENCY BY MODERNIZING THE METERING SYSTEM.T REDUCED BILLING AND CONSUMPTION ESTIMATION ERRORS.

DELEGATION MODEL AND REMUNERATION MODEL:
MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:
20,000 USERS

FINANCIAL INFORMATION:
CAPEX (REFERENTIAL):$ 6'015.812,61

QUALITATIVE BENEFITS:
EFFICIENCY IN THE BILLING PROCESS
COLLECTION MANAGEMENT
OPTIMIZATION
INCREASED SERVICE RELIABILITY

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):
1 YEAR

COMPONENTS:
ACQUISITION OF AMI METERS.

INSTALLATION OF THE EQUIPMENT IN AREAS OF HIGH POPULATION DENSITY.

SOCIOECONOMIC INFORMATION:
THE PROJECT WILL CONTRIBUTE TO AN INCREASE IN ELECTRICITY COVERAGE AND IMPROVED REVENUE COLLECTION. THIS WILL OPTIMIZE FINANCIAL MANAGEMENT AND STRENGTHEN THE OPERATIONAL SUSTAINABILITY OF CNEL EP.

STATUS:
CONCEPTUAL

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RELOCATION AND REPOWERING THE SUBTRANSMISSION LINE CHONE SESME

LOCATION:

CHONE CANTON OF THE PROVINCE OF MANABÍ

DESCRIPTION:

THE PROJECT AIMS TO REPLACE AND RELOCATE THE SUBTRANSMISSION LINE FROM CHONE TO SESME BECAUSE IT HAS EXCEEDED ITS USEFUL LIFE AND DOES NOT MEET CURRENT TECHNICAL STANDARDS. THE NEW LINE WILL GUARANTEE THE CONTINUITY AND QUALITY OF THE ELECTRICAL SERVICE, OVERCOMING THE EXISTING OPERATIONAL LIMITATIONS AND REDUCING THE FREQUENT INTERRUPTIONS CAUSED BY ITS LOCATION IN AREAS WITH HIGH VEGETATION AND DIFFICULT ACCESS.

TYPE OF PROJECT:

GREENFIELD

POTENTIAL DEMAND:

THE PROJECT RESPONDS TO THE NEED TO GUARANTEE A RELIABLE ELECTRICITY SUPPLY IN THE FACE OF POPULATION AND ECONOMIC GROWTH IN THE REGION. THE NEW LINE WILL STRENGTHEN THE LOCAL POWER GRID AND ENSURE COMPLIANCE WITH LONG-TERM ENERGY AND SUSTAINABILITY STANDARDS.

POTENTIAL JOBS GENERATED:

400 JOBS

FUNDAMENTAL CRITERIA:

INCREASED RELIABILITY AND QUALITY OF ELECTRIC SERVICE.
REDUCTION OF INTERRUPTIONS AND IMPROVEMENTS IN SYSTEM OPERATION. COMPLIANCE WITH TECHNICAL AND SUSTAINABILITY REGULATIONS.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

10,000 USERS

FINANCIAL INFORMATION:

CAPEX:$ 5,919,692.88

QUALITATIVE BENEFITS:

IMPROVEMENT OF THE QUALITY OF ELECTRIC POWER SERVICE PROMOTION OF INVESTMENTS REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

1 YEAR

COMPONENTS:

RELOCATION REPOWERING

SOCIOECONOMIC INFORMATION:

THE CHONE CANTON REGION DEPENDS ON A RELIABLE ELECTRICITY SUPPLY FOR THE DEVELOPMENT OF AGRICULTURAL, COMMERCIAL AND INDUSTRIAL ACTIVITIES. THIS PROJECT WILL STRENGTHEN THE ELECTRICAL INFRASTRUCTURE AND IMPROVE ACCESS TO ESSENTIAL BASIC SERVICES.

STATUS:

CONCEPTUAL

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PROJECT: CONSTRUCTION OF SE PARAÍSO LA 14

LOCATION:

SANTA MARIA

DESCRIPTION:

THE PURPOSE OF THE PROJECT IS TO BUILD AN ELECTRIC SUBSTATION IN PARAÍSO LA 14 TO IMPROVE THE QUALITY OF ELECTRIC SERVICE, ALIGNING IT WITH THE QUALITY STANDARDS ESTABLISHED BY REGULATION. CURRENTLY, CUSTOMERS DO NOT HAVE ADEQUATE QUALITY PARAMETERS, WHICH NEGATIVELY IMPACTS THEIR QUALITY OF LIFE AND LOCAL ECONOMIC DEVELOPMENT.

TYPE OF PROJECT:

GREENFIELD

POTENTIAL DEMAND:

THE PROJECT IS DESIGNED TO MEET THE GROWING DEMAND FOR ELECTRICITY DRIVEN BY POPULATION GROWTH, INDUSTRIALIZATION, AND ECONOMIC DEVELOPMENT IN THE REGION. THIS STRENGTHENING WILL PROVIDE BETTER SERVICE IN RURAL AND URBAN AREAS, PROMOTING SUSTAINABILITY AND A RELIABLE LONG-TERM SUPPLY.

POTENTIAL JOBS GENERATED:

300 JOBS

FUNDAMENTAL CRITERIA:

IMPROVED QUALITY OF ELECTRIC SERVICE IN COMPLIANCE WITH REGULATORY STANDARDS. REDUCING OUTAGES AND IMPROVING RELIABILITY FOR USERS.
BOOSTING LOCAL ECONOMIC AND SOCIAL DEVELOPMENT.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

10,000 USERS

FINANCIAL INFORMATION:

CAPEX:$ 5,919,692.88

QUALITATIVE BENEFITS:

IMPROVEMENT OF THE QUALITY OF ELECTRICITY SERVICE
INVESTMENT PROMOTION REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

1 YEAR

COMPONENTS:

CONSTRUCTION
TECHNICAL SUPERVISION

SOCIOECONOMIC INFORMATION:

THE CONSTRUCTION OF THIS SUBSTATION WILL ALLOW WIDER ACCESS TO STABLE ELECTRICITY SERVICES, IMPROVING THE QUALITY OF LIFE IN THE REGION AND FOSTERING SOCIAL AND ECONOMIC DEVELOPMENT.

STATUS:

CONCEPTUAL

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EOR STUDIES AND CONSTRUCTION OF CHACRAS 69/13.8 KV SUBSTATION AND LST TO 69KV FROM SE ARENILLAS 69KV TO SE CHACRAS 69KV - SE HUAQUILLAS 69KV

LOCATION:

PROVINCE OF EL ORO, ARENILLAS CANTON

DESCRIPTION:

THE PURPOSE OF THE PROJECT IS TO BUILD THE CHACRAS 69/13.8 KV SUBSTATION TOGETHER WITH A 69 KV THREE-PHASE SUBTRANSMISSION LINE. ITS PURPOSE IS TO IMPROVE THE QUALITY OF THE ELECTRIC SERVICE AND THE RELIABILITY OF THE SUPPLY IN THE ARENILLAS CANTON AND ITS SURROUNDING AREAS, PROMOTING LOCAL AND REGIONAL SOCIOECONOMIC DEVELOPMENT.

TYPE OF PROJECT:

BROWNFIELD

POTENTIAL DEMAND:

THE PROJECT RESPONDS TO THE INCREASE IN ELECTRICITY DEMAND DUE TO THE POPULATION AND ECONOMIC GROWTH IN THE REGION. THIS WILL GUARANTEE A STABLE AND EFFICIENT SUPPLY, PROMOTING QUALITY OF LIFE AND SUPPORTING INDUSTRIAL AND AGRICULTURAL DEVELOPMENT.

POTENTIAL JOBS GENERATED:

300 JOBS

FUNDAMENTAL CRITERIA:

SUBSTATION MODERNIZATION TO ENSURE RELIABLE SERVICE. IMPLEMENTATION OF SUB-TRANSMISSION OUTLETS TO OPTIMIZE POWER FLOW. COMPLIANCE WITH ENERGY AND SUSTAINABILITY REGULATIONS.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

32,967 INHABITANTS

FINANCIAL INFORMATION:

CAPEX:$ 5,580,135.40

QUALITATIVE BENEFITS:

IMPROVEMENT OF THE QUALITY OF ELECTRIC POWER SERVICE PROMOTION OF INVESTMENTS REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

1 YEAR

COMPONENTS:

REMODELING: TECHNICAL SUPERVISION: IMPLEMENTATION:

SOCIOECONOMIC INFORMATION:

THE BENEFITED AREA INCLUDES RURAL AND URBAN COMMUNITIES DEPENDENT ON RELIABLE POWER SUPPLY FOR ECONOMIC AND SOCIAL DEVELOPMENT

STATUS:

CONCEPTUAL

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CONSTRUCTION OF THE NEW VALLE HERMOSO SUBSTATION 69/13.8 KV (16/20 MVA)

LOCATION:

NEW SUBSTATION TO BE LOCATED IN VALLE HERMOSO

DESCRIPTION:

THE PROJECT AIMS TO RELOCATE AND MODERNIZE THE VALLE HERMOSO SUBSTATION, WHICH CURRENTLY DOES NOT HAVE THE PHYSICAL SPACE FOR THE NECESSARY EXPANSION AND DOES NOT COMPLY WITH REGULATORY AND TECHNICAL STANDARDS. WITH THIS NEW LOCATION AND DESIGN, THE AIM IS TO SUPPLY THE PROJECTED ENERGY DEMAND, ESPECIALLY FOR IMPORTANT LOADS SUCH AS THE WET TROPICS SLAUGHTERING CENTER, IMPROVING THE QUALITY OF ELECTRICITY SERVICE AND GUARANTEEING A RELIABLE SUPPLY IN THE LONG TERM.

TYPE OF PROJECT:

GREENFIELD

POTENTIAL DEMAND:

THE PROJECT WILL MEET THE INCREASED DEMAND FOR ELECTRICITY IN THE REGION, DRIVEN BY ECONOMIC AND POPULATION GROWTH. THIS WILL BENEFIT KEY SECTORS SUCH AS INDUSTRY AND AGRICULTURAL ACTIVITIES, PROMOTING A RELIABLE SUPPLY AND IMPROVED QUALITY OF LIFE.

POTENTIAL JOBS GENERATED:

300 JOBS

FUNDAMENTAL CRITERIA:

GUARANTEE THE SUPPLY OF POWER AND ENERGY IN OPTIMAL QUALITY CONDITIONS FOR NEW LOADS. COMPLY WITH THE REQUIRED REGULATORY AND NORMATIVE STANDARDS.
REDUCE OPERATIONAL RISKS AND IMPROVE RELIABILITY.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

10,000 USERS

FINANCIAL INFORMATION:

CAPEX:$ 5,577,099

QUALITATIVE BENEFITS:

IMPROVEMENT OF THE QUALITY OF ELECTRIC POWER SERVICE PROMOTION OF INVESTMENTS REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

1 YEAR

COMPONENTS:

CONSTRUCTION
RELOCATION
SUPERVISION

SOCIOECONOMIC INFORMATION:

THE PROJECT WILL CONTRIBUTE SIGNIFICANTLY TO THE ECONOMIC DEVELOPMENT OF THE REGION, PROMOTING INVESTMENTS IN KEY SECTORS SUCH AS INDUSTRY AND AGRICULTURE, IN ADDITION TO IMPROVING THE QUALITY OF LIFE OF THE INHABITANTS THROUGH A MORE RELIABLE ELECTRICITY SERVICE.

STATUS:

CONCEPTUAL

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CONSTRUCTION OF THE S/E AIRPORT

LOCATION:

PROVINCE OF GUAYAS, CITY OF GUAYAQUIL, PARISH OF TARQUI

DESCRIPTION:

HE PROJECT SEEKS TO BUILD AN ELECTRICAL SUBSTATION IN THE AIRPORT SECTOR IN ORDER TO INCORPORATE NEW CUSTOMERS IN DIFFERENT CONSUMPTION GROUPS, IMPROVE THE QUALITY OF ELECTRICAL SERVICE, AND OPTIMIZE CONDITIONS FOR THE REGION'S URBAN AND COMMERCIAL GROWTH. THIS DEVELOPMENT WILL ALSO PROMOTE A RELIABLE SUPPLY ALIGNED WITH SUSTAINABLE ENERGY STANDARDS.

TYPE OF PROJECT:

BROWNFIELD

POTENTIAL DEMAND:

THE PROJECT RESPONDS TO THE GROWING DEMAND FOR ELECTRICITY IN THE REGION, DRIVEN BY POPULATION GROWTH, INDUSTRIALIZATION, AND ECONOMIC DEVELOPMENT, ESPECIALLY IN SECTORS SUCH AS URBAN AND COMMERCIAL. THIS WILL STRENGTHEN THE POWER GRID AND ALLOW FOR BETTER SERVICE IN THE URBAN AREA, PROMOTING QUALITY OF LIFE, ATTRACTING INVESTMENT AND CONTRIBUTING TO COMPLIANCE WITH ENERGY AND SUSTAINABILITY REGULATIONS, ENSURING A RELIABLE ELECTRICITY SUPPLY FOR THE LONG TERM.

POTENTIAL JOBS GENERATED:

400 JOBS

FUNDAMENTAL CRITERIA:

CONTRIBUTE TO THE SUSTAINED GROWTH OF THE PUBLIC ELECTRICITY SERVICE.
COMPLY WITH THE OBJECTIVES OF THE NATIONAL DEVELOPMENT PLAN AND SECTORAL STRATEGIC PLANNING. INCREASE THE EFFICIENCY AND QUALITY OF THE ELECTRICITY DISTRIBUTION NETWORK.

DELEGATION MODEL AND REMUNERATION MODEL:

MODEL BASED ON THE ASSOCIATIVE CAPACITY OF PUBLIC ENTERPRISES, GRANTED ACCORDING TO ARTICLE 35 OF THE ORGANIC LAW OF PUBLIC ENTERPRISES (LOEP).

BENEFICIARIES:

53,000 INHABITANTS

FINANCIAL INFORMATION:

CAPEX (REFERENTIAL):$ 5'347.855,17

QUALITATIVE BENEFITS:

IMPROVEMENT OF THE QUALITY OF ELECTRIC POWER SERVICE PROMOTION OF INVESTMENTS REGULATORY COMPLIANCE

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

2 YEARS

COMPONENTS:

CONSTRUCTION OF CONTROL EQUIPMENT

SOCIOECONOMIC INFORMATION:

THE PROJECT WILL CONTRIBUTE TO INCREASE THE COVERAGE OF THE ELECTRICITY SERVICE AND IMPROVE ITS QUALITY, PROMOTING A POSITIVE IMPACT BOTH IN ECONOMIC AND SOCIAL TERMS FOR THE BENEFITED COMMUNITIES.

STATUS:

PREFEASIBILITY

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PETROECUADOR

Projects:

INSTALLATION OF NEW PIPING AND FACILITIES
IN THE SANTO DOMINGO EMERALD POLYDUCT

REPOWERING, MODERNIZATION AND IMPLEMENTATION
OF THE SCI DEL SOTE

RECEIVING, TRANSPORT AND STORAGE INFRASTRUCTURE
TO COVER THE COUNTRY'S OPERATIONS AND FUEL DEMAND

REPOWERINGOF COASTAL POLYDUCTS
(TRES BOCAS - PASCUALES SECTION)

INTEGRATED SERVICE GAS-FIRED GENERATION PLANT
SHUSHUFINDI NORTH, 8MW NOMINAL (SERVICES)

INTEGRATED SERVICE GAS-FIRED GENERATION PLANT
SHUSHUFINDI SOUTH WEST, 4MW NOMINAL (SERVICES)

INTEGRATED SERVICE CENTRAL GENERATION TO CRUDE OIL
CONONACO, 9MW NOMINAL (SERVICES)

CRUDE OIL-FIRED GENERATION PLANT
IN CULEBRA 01, 27MW EFFECTIVE (SERVICES)

CRUDE OIL-FIRED GENERATION PLANT
IN AGUARICO, 27MW EFFECTIVE (SERVICES)

REPOWERING OF CRUDE OIL TREATMENT AND RECOVERY PLANT
OF LIVING AMAZON

MODERNIZATION AND REMODELING OF PETROCOMERCIAL SERVICE STATIONS
MACARÁ, SOZORANGA, CARIAMANGA LOCATED IN THE PROVINCE OF LOJA AND

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PROJECT:

INSTALLATION OF NEW PIPING AND RELATED FACILITIES

ON THE ESMERALDAS-SANTO DOMINGO PIPELINE

AMOUNT:

USD 168,000,000

PROFITABILITY / BENEFICIARIES:

50.400

DESCRIPTION:

INSTALLATION OF AN ADDITIONAL 20" PIPELINE PARALLEL TO THE 16" PIPELINE CURRENTLY IN OPERATION.

SCHEDULE:

DECEMBER 2025: APPROVAL OF THE EIA MATTE.

STAGE:

COMPLETED STUDIES.

TERM:

3 YEARS

PRIORITY LEVEL:

HIGH

PRIORITY JUSTIFICATION:

INCREASE THE TRANSPORTATION FLOW OF THE ESMERALDAS - SANTO DOMINGO PIPELINE SECTION BY IMPROVING FACILITIES SUCH AS PUMPING UNITS, INSTALLATION OF NEW PIPELINES AND EXISTING UPGRADINGS.

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PROJECT:

UPGRADING, MODERNIZATION AND IMPLEMENTATION

OF THE SOTE CONTROL AND INSTRUMENTATION SYSTEM (SCI)

AMOUNT:

USD 8,200,000

PROFITABILITY / BENEFICIARIES:

UNDER EVALUATION

DESCRIPTION:

TO PERFORM THE REQUIRED STUDIES AND ENGINEERING TO UPGRADE, MODERNIZATION AND IMPLEMENTATION OF THE FIREFIGHTING SYSTEMS OF THE SOTE'S PUMPING STATIONS, ITS LOGISTIC BASES AND MARITIME TERMINALS.

SCHEDULE:

NOVEMBER 2025: ENGINEERING CONTRACTING PHASE.

STAGE:

PREPARATORY PROCESS COMPREHENSIVE STUDIES.

TERM:

3 YEARS

PRIORITY LEVEL:

HIGH

PRIORITY JUSTIFICATION:

TO HAVE FIREFIGHTING SYSTEMS THAT COMPLY WITH LOCAL, NATIONAL AND INTERNATIONAL REGULATIONS IN THE SOTE'S PUMPING STATIONS, LOGISTICS BASES AND MARITIME TERMINALS.

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PROJECT:

RECEPTION, TRANSPORTATION AND STORAGE INFRASTRUCTURE

TO MEET THE COUNTRY'S OPERATIONS AND FUEL DEMAND

AMOUNT:

USD 3,700,000

PROFITABILITY / BENEFICIARIES:

UNDER EVALUATION

DESCRIPTION:

TO CONDUCT A PRE-FEASIBILITY STUDY THAT PROVIDES SOLUTIONS FOR AN OPTIMAL PIPELINE NETWORK AND STORAGE INFRASTRUCTURE TO MEET THE COUNTRY'S FUEL DEMAND FOR THE NEXT 25 YEARS.

SCHEDULE:

JULY 2025: CONTRACT SIGNED.

STAGE:

PRE-FEASIBILITY PRE-CONTRACTUAL PROCESS.

TERM:

18 MONTHS

PRIORITY LEVEL:

HIGH

PRIORITY JUSTIFICATION :

TO HAVE RECEPTION, STORAGE AND TRANSPORTATION INFRASTRUCTURE TO MEET THE COUNTRY´S FUEL DEMAND AND OPERATIONS, WITH A LONG TERM PROJECTION.

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PROJECT:

REPOWERING OF COASTAL PIPELINE SYSTEM

(TRES BOCAS - PASCUALES SECTION)

AMOUNT:

USD 17,000,000

PROFITABILITY / BENEFICIARIES:

13.600

DESCRIPTION:

MODERNIZE THE OPERATIONS OF THE TRES BOCAS PUMPING STATION THROUGH THE PROJECT IMPLEMENTATION.

SCHEDULE:

APRIL 2024: PURCHASE REQUEST.

STAGE:

AWAITING BUDGET ALLOCATION FOR THE PROJECT

TERM:

13.5 MONTHS

PRIORITY LEVEL:

HIGH

PRIORITY JUSTIFICATION

IMPROVE OPERATING EFFICIENCY BY 7% AND REDUCE CO2 EMISSIONS BY APPROXIMATELY 4,000 METRIC TONNES PER YEAR.

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PROJECT:

INTEGRATED GAS-FIRED POWER GENERATION PLANT

SHUSHUFINDI NORTH, 8MW NOMINAL CAPACITY (SERVICES)

AMOUNT:

USD 50,123,342.05
(CAPEX+OPEX)

PROFITABILITY / BENEFICIARIES:

USD 13,432,000.00 PER YEAR.

DESCRIPTION:

INTEGRATED SERVICEFOR THE INSTALLATION, OPERATION AND MAINTENANCE OF GAS-FIRED GENERATION EQUIPMENT AND AUXILIARY SYSTEM FOR USE IN SHUSHUFINDI NORTE OPERATED BY EP PETROECUADOR (8 MW NOMINAL).

SCHEDULE:

SECOND SEMESTER 2025: BIDDING.

STAGE:

IN PRE-FEASIBILITY.

TERM:

5 YEARS

PRIORITY LEVEL:

MEDIUM

PRIORITY JUSTIFICATION :

* PROCESS FOR THE RECOVERING OF EXISTING GAS-FIRED THROUGH PRIVATE INVESTMENT.
* UTILIZATION OF ASSOCIATED GAS AS FUEL FOR POWER GENERATION.
* TO MEET THE ENERGY DEMAND AND REDUCE DEPENDENCE ON RENTAL AND DIESEL POWER GENERATION.

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PROJECT:

INTEGRATED GAS-FIRED POWER GENERATION PLANT

SHUSHUFINDI SOUTH WEST, 4MW NOMINAL (SERVICES)

AMOUNT:

USD 28,827,132.47
(CAPEX+OPEX)

PROFITABILITY / BENEFICIARIES:

USD 6,716,000.00 PER YEAR.

DESCRIPTION:

INTEGRATED INSTALLATION, OPERATION AND MAINTENANCE SERVICE FOR GAS GENERATION AND AUXILIARY EQUIPMENT TO BE USED AT SHUSHUFINDI SOUTH WEST OPERATED BY EP PETROECUADOR (4 MW NOMINAL).

SCHEDULE:

SECOND SEMESTER 2025: BIDDING.

STAGE:

IN PRE-FEASIBILITY.

TERM:

5 YEARS

PRIORITY LEVEL:

MEDIUM

PRIORITY JUSTIFICATION:

* PROCESS FOR THE RECOVERING OF EXISTING GAS-FIRED THROUGH PRIVATE INVESTMENT.
* UTILIZATION OF ASSOCIATED GAS AS FUEL FOR POWER GENERATION.
* TO MEET THE ENERGY DEMAND AND REDUCE DEPENDENCE ON RENTAL AND DIESEL POWER GENERATION.

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PROJECT:

INTEGRATED SERVICE FOR CENTRAL GENERATION FROM CRUDE OIL

CONONACO, 9MW NOMINAL (SERVICES)

AMOUNT:

USD 50,814,771.79

(CAPEX+OPEX)

PROFITABILITY / BENEFICIARIES:

USD 11,600,000.00 PER YEAR.

DESCRIPTION:

INTEGRATED SERVICE FOR THE INSTALLATION, OPERATION, MAINTENANCE AND TRANSFER OF CRUDE OIL POWER GENERATION EQUIPMENT AND ITS AUXILIARIES TO BE USED AT CONONACO, PART OF THE AUCA ASSET OPERATED BY EP PETROECUADOR (9 MW NOMINAL).

SCHEDULE:

FIRST SEMESTER 2025: BIDDING.

STAGE:

IGENERAL MANAGEMENT APPROVAL TO INITIATE THE PROCESS.

TERM:

6 YEARS

PRIORITY LEVEL:

HIGH

PRIORITY JUSTIFICATION:

- MEET ENERGY DEMAND.
- UTILIZATION OF EXISTING FUELS IN OPERATION FOR POWER GENERATION.
- REDUCTION IN RENTAL AND DIESEL POWER GENERATION.

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PROJECT:

CRUDE OIL-FIRED POWER GENERATION PLANT

IN CULEBRA 01, 27MW EFFECTIVE (SERVICES)

AMOUNT:

USD 67,000,000

PROFITABILITY / BENEFICIARIES:

USD 25,696,000.00 PER YEAR.

DESCRIPTION:

SUPPLY AND INSTALLATION OF A 27 MW EFFECTIVE (ON SITE) CRUDE OIL GENERATION PLANT, INCLUDING AUXILIARY ELECTRICAL, MECHANICAL AND CONTROL SYSTEMS TO BE USED AT CULEBRA 01, PART OF THE AUCA ASSET.

SCHEDULE:

SECOND SEMESTER 2025: BIDDING.

STAGE:

IN PRE-FEASIBILITY.

TERM:

3 YEARS

PRIORITY LEVEL:

MEDIUM

PRIORITY JUSTIFICATION:

- MEET ENERGY DEMAND .
- COMPLY WITH THE TECHNICAL REQUIREMENTS FOR OPERATION.
- UTILIZE OF EXISTING FUELS IN THE OPERATION FOR POWER GENERATION.
- REDUCE RELIANCE ON RENTAL AND DIESEL POWER GENERATION.

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PROJECT:

CRUDE OIL-FIRED POWER GENERATION PLANT

IN AGUARICO, 27MW EFFECTIVE (SERVICES)

AMOUNT:

USD 67,000,000

PROFITABILITY / BENEFICIARIES:

USD 25,696,000.00 PER YEAR.

DESCRIPTION:

SUPPLY AND INSTALLATION OF A 27 MW EFFECTIVE (ON SITE) CRUDE OIL GENERATION PLANT, INCLUDING AUXILIARY ELECTRICAL, MECHANICAL AND CONTROL SYSTEMS TO BE USED AT AGUARICO, PART OF THE SHUSHUFINDI ASSET.

SCHEDULE:

SECOND SEMESTER 2025: BIDDING.

STAGE:

IN PREFEASIBILITY

TERM:

3 YEARS

PRIORITY LEVEL:

MEDIUM

PRIORITY JUSTIFICATION :

- MEET ENERGY DEMAND .
- COMPLY WITH THE TECHNICAL REQUIREMENTS FOR OPERATION.
- UTILIZE EXISTING FUELS IN THE OPERATION FOR POWER GENERATION.
- REDUCE RELIANCE ON RENTAL AND DIESEL POWER GENERATION.

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PROJECT:

REPOWERING OF THE CRUDE OIL TREATMENT AND RECOVERY PLANT

OF LIVING AMAZON

AMOUNT:

USD 10,000,000

PROFITABILITY / BENEFICIARIES:

USD 1'430,000 PER YEAR.

DESCRIPTION:

CLOSING THE CIRCULAR ECONOMY LOOP BY REVALUING HYDROCARBON WASTES FROM POLLUTION SOURCES, SLOP POOLS AND TANK BOTTOMS.

SCHEDULE:

JUNE 2026: PREPARATORY DOCUMENTATION.

STAGE:

AWAITING BUDGET ALLOCATION.

TERM:

18 MONTHS

PRIORITY LEVEL:

HIGH

PRIORITY JUSTIFICATION:

THE FACILITIES AND EQUIPMENT OF THE CRUDE OIL TREATMENT AND RECOVERY PLANT DATE BACK TO THE 80'S, SO IT IS NECESSARY TO REPLACE THEM FOR OPTIMIZATION AND SAFE OPERATIONS DURING THE PROCESS. THIS WILL ENABLE AN INCREASE OF PRODUCTION FROM 4000 BLS TO 21000 BLS PER YEAR, WHICH WILL BE INCORPORATED TO THE NATIONAL PRODUCTION OF EP PETROECUADOR.

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PROJECT:

MODERNIZATION AND REMODELING OF PETROCOMERCIAL SERVICE STATIONS

MACARÁ, SOZORANGA AND CARIAMANGA LOCATED IN THE PROVINCE OF LOJA AND IN THE PROVINCE OF EL ORO (11 DE NOVIEMBRE).

AMOUNT:

USD 5,280,320

PROFITABILITY / BENEFICIARIES:

1.427.628,68

DESCRIPTION:

IMPROVE AND OPTIMIZE THE INFRASTRUCTURE AND FACILITIES OF PETROCOMERCIAL SERVICE STATIONS TO ENSURE THE ADEQUATE AND CONTROLLED SUPPLY OF PETROLEUM DERIVATIVES WITH THE DIRECT PARTICIPATION OF EP PETROECUADOR IN THE COMMERCIALIZATION OF FUEL FOR THE AUTOMOTIVE SECTOR IN THE BORDER CANTONS OF THE PROVINCE OF LOJA AND THE ARENILLAS CANTON OF THE PROVINCE OF EL ORO, THROUGH THE MODERNIZATION AND REMODELING OF THESE STATIONS.

SCHEDULE:

JUNE 2025: START OF CONTRACTING PROCESS.

STAGE:

PENDING APPROVALFROM THE BOARD OF DIRECTORS FOR THE ALLOCATION OF PAI FUNDS.

TERM:

2 YEARS

PRIORITY LEVEL:

HIGH

PRIORITY JUSTIFICATION:

MODERNIZE AND UPDATE THE INFRASTRUCTURE, TECHNOLOGY AND LOGISTICS OF BORDER SERVICE STATIONS IN COMPLIANCE WITH THE APPLICABLE TECHNICAL, ENVIRONMENTAL, QUALITY AND SAFETY STANDARDS, TO ENSURE OPERATION CONTINUITY, SAFETY AND HIGH QUALITY SERVICE TO CITIZENS IN THE AREA OF INFLUENCE, ENHANCING THE PERCEPTION AND IMAGE OF GOVERNMENTAL MANAGEMENT AND ITS SUPPORT FOR THE BENEFIT OF THE PUBLIC

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Public Water Company (EPA)

Projects:

REPAIR OF RIO GRANDE DAM
Chone Multipurpose System

RECONSTRUCTION OF GATES
Manabí Transfer System

REHABILITATION AND CONSTRUCTION OF HYDROELECTRIC POWER PLANTS
Manabí Water Transfer System and Tahuín Multipurpose System

FEASIBILITY STUDIES FOR THE INSTALLATION OF A PHOTOVOLTAIC PLANT
Daule - Santa Elena Transfer System

CONSTRUCTION OF A PHOTOVOLTAIC POWER PLANT - CHONGON RESERVOIR
Daule - Santa Elena Transfer System

DAULE PUMPING STATION EXPANSION
Daule - Santa Elena Transfer System

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PROJECT:

REPAIR OF RIO GRANDE DAM

LOCATION:

CHONE - MANABÍ.

DESCRIPTION:

REPAIR BY MEANS OF IMPERMEABLE COATING IN THE BOTTOM TUNNEL, CONSTRUCTION OF DRAINAGE GALLERIES IN THE DOWNSTREAM SECTOR TO SOLVE THE PROBLEMS IN BERM 49 AND REINFORCEMENT OF SLOPES OF JOBO 1 - 2, BY MEANS OF SHOTCRETE OF THE RIO GRANDE DAM OF THE CHONE MULTIPLE PURPOSE SYSTEM.

TYPE OF PROJECT:

BROWNFIELD (EXISTING INFRASTRUCTURE).

POTENTIAL DEMAND:

2021: 12,148 PEOPLE
2023: 12,875 PEOPLE
2023: 15,781 PEOPLE

GROWTH RATE: 2.98%.

POTENTIAL JOBS GENERATED:

DIRECT: 90 PEOPLE
INDIRECT: 180 PEOPLE

FUNDAMENTAL CRITERIA:

EXISTING INFRASTRUCTURE THAT ITS OPERATION WILL EFFICIENTLY ENSURE THE CORRECT FUNCTIONING OF WATER SECURITY IN THE PROVINCE OF MANABÍ.

DELEGATION MODEL AND REMUNERATION MODEL:

STRATEGIC ALLIANCE

BENEFICIARIES:

1'715,000 DIRECT AND INDIRECT BENEFICIARIES

FINANCIAL INFORMATION:

USD 17'834,717.25

QUALITATIVE BENEFITS:

AVOID WATER LOSS, REDUCE EROSION RISKS AND ENSURE FUNCTIONALITY.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

12 MONTHS

COMPONENTS:

REHABILITATION

SOCIOECONOMIC INFORMATION:

INFRASTRUCTURE IMPROVEMENT AND WATER MANAGEMENT ASSURANCE.

STATUS:

FINAL STUDIES COMPLETED

BACK TO HOME PAGE

PROJECT:

RECONSTRUCTION OF GATES

LOCATION:

ROCAFUERTE, TOSAGUA AND PORTOVIEJO - MANABI.

DESCRIPTION:

RECONSTRUCTION OF THE GATES: EL CEIBAL IN THE CANTON OF ROCAFUERTE, LA ESTANCILLA IN THE CANTON OF TOSAGUA AND MEJÍA IN THE CANTON OF PORTOVIEJO IN THE PROVINCE OF MANABÍ.

TYPE OF PROJECT:

BROWNFIELD (EXISTING INFRASTRUCTURE).

POTENTIAL DEMAND:

CEIBAL:
ROCAFUERTE-RURAL CANTON GROWTH RATE: 1.0135%.

MEJÍA:
PORTOVIEJO CANTON GROWTH RATE: 0.95%.

ESTANCILLA:
AMGEL PEDRO GILER-RURAL PAROCHIAL GROWTH RATE: 0.71%.

POTENTIAL JOBS GENERATED:

CEIBAL: DIRECT 80 PEOPLE, INDIRECT 150 PEOPLE.
ESTANCILLA: DIRECT 120 PEOPLE, INDIRECT 250 PEOPLE
MEJIA: DIRECT 80 PEOPLE, INDIRECT 150 PEOPLE.

FUNDAMENTAL CRITERIA:

EXISTING INFRASTRUCTURE THAT ITS OPERATION WILL EFFICIENTLY ENSURE THE CORRECT FUNCTIONING OF WATER SECURITY IN THE PROVINCE OF MANABÍ.

DELEGATION MODEL AND REMUNERATION MODEL:

PUBLIC-PRIVATE PARTNERSHIP (APP).

BENEFICIARIES:

2'152.000 DIRECT AND INDIRECT BENEFICIARIES

FINANCIAL INFORMATION:

USD 28'639,586.44

QUALITATIVE BENEFITS:

EFFICIENT WATER STORAGE AND DISTRIBUTION FOR 2,200 HECTARES OF AGRICULTURAL LAND

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

10 MONTHS

COMPONENTS:

REHABILITATION

SOCIOECONOMIC INFORMATION:

INFRASTRUCTURE IMPROVEMENT AND WATER MANAGEMENT ASSURANCE.

STATUS:

FINAL STUDIES COMPLETED

BACK TO HOME PAGE

PROJECT:

REHABILITATION AND CONSTRUCTION OF HYDROELECTRIC POWER PLANTS

LOCATION:

MANABÍ Y EL ORO

DESCRIPTION:

REHABILITATION OF THE GENERATION PLANTS OF THE POZA HONDA AND LA ESPERANZA DAMS.
CONSTRUCTION OF THE GENERATION PLANTS OF THE EXISTING CHONE AND TAHUÍN DAMS.

TYPE OF PROJECT:

BROWNFIELD (EXISTING INFRASTRUCTURE).

POTENTIAL DEMAND:

THE ELECTRICITY GENERATION CONSULTANCY WILL ALLOW THE DAMS MANAGED BY EPA EP TO BE SELF-SUSTAINABLE, AND 150 GIGAWATT HOURS PER WILL NO LONGER BE CONSUMED, WHICH MEANS 9.5 MILLION DOLLARS OF SAVINGS FOR THE STATE AND THE AMOUNT CAN BE USED FOR THE DIFFERENT PRIORITY INVESTMENT PROJECTS.

POTENTIAL JOBS GENERATED:

DIRECT: 100 PEOPLE
INDIRECT 200 PEOPLE

FUNDAMENTAL CRITERIA:

PRIORITY PROJECT CONSIDERING THAT EPA EP IS THE OWNER OF THE POWER PLANT IN QUESTION AND, THROUGH EXECUTIVE DECREE NO. 303 OF JUNE 17, 2024, IT IS ADDED THAT EPA EP, WITHIN ITS ATTRIBUTIONS, IS THE SELFGENERATION OF ELECTRIC ENERGY THROUGH THE USE THE WATER INFRASTRUCTURE PROJECTS IT OWNS.

DELEGATION MODEL AND REMUNERATION MODEL:

PUBLIC-PRIVATE PARTNERSHIP (APP).

BENEFICIARIES:

5'755,300 DIRECT AND INDIRECT BENEFICIARIES

FINANCIAL INFORMATION:

USD 24'824,686.11

QUALITATIVE BENEFITS:

OPTIMIZING THE USE OF WATER RESOURCES AND ENSURING EFFICIENT AND SUSTAINABLE ENERGY SUPPLY

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

14 MONTHS

COMPONENTS:

REHABILITATION

SOCIOECONOMIC INFORMATION:

IMPROVEMENT IN THE COUNTRY'S ENERGY PRODUCTION AND EFFICIENCY SYSTEM.

STATUS:

FINAL STUDIES COMPLETED

BACK TO HOME PAGE

PROJECT:

FEASIBILITY STUDIES FOR THE INSTALLATION OF A PHOTOVOLTAIC PLANT

LOCATION:

CHONGON - GUAYAS

DESCRIPTION:

FEASIBILITY STUDIES FOR THE INSTALLATION OF A FLOATING PHOTOVOLTAIC PLANT IN THE CHONGON RESERVOIR, WITH THE OBJECTIVE OF EVALUATING ITS TECHNICAL, ECONOMIC AND ENVIRONMENTAL VIABILITY, OPTIMIZING THE ENERGY USE OF WATER RESOURCES.

TYPE OF PROJECT:

GREENFIELD (NEW INFRASTRUCTURE).

POTENTIAL DEMAND:

2021: 12,148 PEOPLE
2023: 12,875 PEOPLE
2023: 15,781 PEOPLE

GROWTH RATE: 2.98%.

POTENTIAL JOBS GENERATED:

DIRECT: 20 PEOPLE
INDIRECTLY 40 PEOPLE.

FUNDAMENTAL CRITERIA:

PRIORITY PROJECT CONSIDERING THAT EPA EP IS THE OWNER OF THE POWER PLANT IN QUESTION AND, THROUGH EXECUTIVE DECREE NO. 303 OF JUNE 17, 2024, IT IS ADDED THAT EPA EP, WITHIN ITS ATTRIBUTIONS, IS THE SELFGENERATION OF ELECTRIC ENERGY THROUGH THE USE THE WATER INFRASTRUCTURE PROJECTS IT OWNS.

DELEGATION MODEL AND REMUNERATION MODEL:

STRATEGIC ALLIANCE

BENEFICIARIES:

22,000 DIRECT AND INDIRECT BENEFICIARIES

FINANCIAL INFORMATION:

USD 3'000.000

QUALITATIVE BENEFITS:

CONTRIBUTING TO THE DIVERSIFICATION OF THE COUNTRY'S ENERGY MATRIX

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

6 MONTHS

COMPONENTS:

IMPLEMENTATION OF NEW TECHNOLOGY OF ELECTRICITY GENERATION

SOCIOECONOMIC INFORMATION:

IMPROVEMENT IN THE COUNTRY'S ENERGY PRODUCTION AND EFFICIENCY SYSTEM.

STATUS:

IN PLANNING, IN SEARCH OF FINANCING

BACK TO HOME PAGE

PROJECT:

CONSTRUCTION OF A PHOTOVOLTAIC PLANT AT THE CHONGÓN RESERVOIR

LOCATION:

CHONGON - GUAYAS.

DESCRIPTION:

WITH THE CONSTRUCTION OF THE FLOATING PHOTOVOLTAIC PLANT AT THE CHONGÓN DAM, THE EXISTING INFRASTRUCTURE OF THE PUBLIC WATER COMPANY WILL BE USED TO GENERATE CLEAN AND SUSTAINABLE ENERGY. THE FLOATING PHOTOVOLTAIC PLANT WILL GENERATE 292 GWH/YEAR WITH AN INSTALLED POWER OF 100 MW, REDUCING THE ELECTRIC CONSUMPTION OF THE EPA EP AND OPTIMIZING THE USE OF WATER RESOURCES.

TYPE OF PROJECT:

GREENFIELD (NEW INFRASTRUCTURE).

POTENTIAL DEMAND:

2021: 12,148 PEOPLE
2023: 12,875 PEOPLE
2023: 15,781 PEOPLE

GROWTH RATE: 2.98%.

POTENTIAL JOBS GENERATED:

DIRECT: 200 PEOPLE
INDIRECT 300 PEOPLE

FUNDAMENTAL CRITERIA:

PRIORITY PROJECT CONSIDERING THAT EPA EP IS THE OWNER OF THE POWER PLANT IN QUESTION AND, THROUGH EXECUTIVE DECREE NO. 303 OF JUNE 17, 2024, IT IS ADDED THAT EPA EP, WITHIN ITS ATTRIBUTIONS, IS THE SELFGENERATION OF ELECTRIC ENERGY THROUGH THE USE THE WATER INFRASTRUCTURE PROJECTS IT OWNS.

DELEGATION MODEL AND REMUNERATION MODEL:

PUBLIC-PRIVATE PARTNERSHIP (APP).

BENEFICIARIES:

22,000 DIRECT AND INDIRECT BENEFICIARIES

FINANCIAL INFORMATION:

USD 120'000.000

QUALITATIVE BENEFITS:

LEVERAGES EXISTING EPA INFRASTRUCTURE TO GENERATE CLEAN AND SUSTAINABLE POWER

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

24 MONTHS

COMPONENTS:

IMPLEMENTATION OF NEW TECHNOLOGY OF ELECTRICITY GENERATION

SOCIOECONOMIC INFORMATION:

IMPROVEMENT IN THE COUNTRY'S ENERGY PRODUCTION AND EFFICIENCY SYSTEM.

STATUS:

IN PLANNING, IN SEARCH OF FINANCING

BACK TO HOME PAGE

PROJECT:

DAULE PUMPING STATION EXPANSION

LOCATION:

GUAYAS

DESCRIPTION:

EXPANSION OF THE DAULE PUMPING STATION, WITHIN THE DAULE-SANTA ELENA WATER TRANSFER SYSTEM, IS A CRUCIAL PROJECT TO IMPROVE WATER MANAGEMENT FOR DIFFERENT USES AND DEVELOPMENTS.

TYPE OF PROJECT:

BROWNFIELD (EXISTING INFRASTRUCTURE).

POTENTIAL DEMAND:

2021: 12,148 PEOPLE
2023: 12,875 PEOPLE
2023: 15,781 PEOPLE

GROWTH RATE: 2.98%.

POTENTIAL JOBS GENERATED:

DIRECT: 80 PEOPLE
INDIRECT 150 PEOPLE

FUNDAMENTAL CRITERIA:

EXISTING INFRASTRUCTURE THAT ITS OPERATION WILL IMPROVE THE PLANT FACTOR AT THE DAULE PUMPING STATION, ALLOWING THE INCREASE OF NEW PRODUCTIVE INVESTMENT PROJECTS.

DELEGATION MODEL AND REMUNERATION MODEL:

STRATEGIC ALLIANCE

BENEFICIARIES:

900,000 DIRECT AND INDIRECT BENEFICIARIES

FINANCIAL INFORMATION:

USD 3'500.000

QUALITATIVE BENEFITS:

IMPROVING WATER MANAGEMENT FOR DIFFERENT USES AND DEVELOPMENTS

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

12 MONTHS

COMPONENTS:

EXPANSION OF DAULE PUMPING STATION

SOCIOECONOMIC INFORMATION:

INFRASTRUCTURE IMPROVEMENT AND WATER MANAGEMENT ASSURANCE.

STATUS:

FINAL STUDIES COMPLETED

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NATIONAL MINING COMPANY (ENAMI)

Projects:

STUDY DESIGN AND FINANCING OF A PLANT
FIRST BENEFICIATION PLANT AND WAREHOUSE

WORKING CAPITAL FOR MARKETING
REGULARIZATION OF MINING ACTIVITIES

UNACOTA MINING CONCESSION
RESERVOIR WITH ECOLOGICAL POTENTIAL

LA TRONERA MINING CONCESSION
PROJECT IN THE SOUTH-CENTRAL ZONE OF THE WESTERN MOUNTAIN RANGE

ISIMANCHI CONCESSION
PROJECT LOCATED IN THE SOUTHEASTERN AREA

ASSIGNMENT AND TRANSFER OF SIGCHOS
PROJECT WITHIN THE METALLOGENIC BELT

TOLA NORTE MINING CONCESSION
PRESENCE OF FERROTITANIFEROUS SANDS

BACK TO HOME PAGE

PROJECT:

STUDIES, DESIGN, FINANCING AND CONSTRUCTION OF A TAILINGS DEPOSIT AND BENEFICIATION PLANT

FIRST STATE-OWNED BENEFICIATION PLANT AND TAILINGS STORAGE FACILITY

AMOUNT:

USD 38,250,000

PROFITABILITY / BENEFICIARIES:

SMALL-SCALE AND ARTISANAL MINERS

DESCRIPTION:

TO BUILD THE FIRST STATE-OWNED BENEFICIATION PLANT AND TAILINGS DEPOSIT IN ORDER TO PROMOTE THE REGULARIZATION OF INFORMAL MINING ACTIVITIES AND THE WEAKENING OF ILLICIT ECONOMIES. IT IS ESTIMATED THAT THE PLANT WILL HAVE A PROCESSING CAPACITY OF 200 TONS PER DAY TO OBTAIN DORÉ BARS AND CONCENTRATES. CONSEQUENTLY, THERE IS A NEED FOR THE CONSTRUCTION OF A TAILINGS DEPOSIT TO SAFELY CONTAIN THE WASTE GENERATED DURING THE PROCESSING OF THE ORE FROM THE BENEFICIATION PLANT.

SCHEDULE:

PRE-FEASIBILITY AND FEASIBILITY STUDIES: APPROXIMATELY 6 MONTHS. DEFINITIVE STUDIES, DESIGN AND CONSTRUCTION: TO BE DETERMINED.

STAGE:

CONCEPTUAL
BENEFICIATION PLANT: PRE-FEASIBILITY AND FEASIBILITY STUDIES UNDER NEGOTIATION IN AGREEMENT WITH UNDP. TO FINANCE THE REMAINING PHASES OF THE BENEFICIATION PLANT AND TAILINGS DEPOSIT PROJECT.

TERM:

TO BE DETERMINED

PRIORITY LEVEL:

HIGH

JUSTIFICATION PRIORITY:

TO PROMOTE THE REGULARIZATION OF MINING ACTIVITIES.

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PROJECT:

WORKING CAPITAL FOR MINERAL MARKETING

REGULARIZATION OF INFORMAL MINING ACTIVITIES

AMOUNT:

USD 600,000

PROFITABILITY / BENEFICIARIES:

SMALL-SCALE AND ARTISANAL MINERS

DESCRIPTION:

PROMOTE THE REGULARIZATION OF INFORMAL MINING ACTIVITIES THROUGH THE COMMERCIALIZATION OF MINERALS (MINERAL ROCK, CONCENTRATES AND DORÉ BARS) IN WHICH THE TRACEABILITY OF THE MINERAL CAN BE ESTABLISHED AND AN IMMEDIATE ECONOMIC CONSIDERATION CAN BE PAID TO THE MINERS TO IMPROVE THEIR SOURCES OF FINANCING.

SCHEDULE:

IMMEDIATE

STAGE:

CONCEPTUAL

TERM:

IMMEDIATE

PRIORITY LEVEL:

HIGH

JUSTIFICATION PRIORITY:

IMPLEMENTATION OF A LABORATORY AND COLLECTION CENTER

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PROJECT:

ASSIGNMENT AND TRANSFER OF MINING CONCESSION UNACOTA

AMOUNT:

TO BE DEFINED AT THE TIME OF THE ASSESSMENT OF THE AREA'S POTENTIAL.

PROFITABILITY / BENEFICIARIES:

66,980 INHABITANTS OF THE AREAS OF INFLUENCE OF THE CANTON OF PUJILI

DESCRIPTION:

IS LOCATED IN THE WESTERN MOUNTAIN RANGE IN THE CENTRAL PART OF THE COUNTRY, IT IS A DEPOSIT WITH A GREAT GEOLOGICAL MINING POTENTIAL OF LIMESTONES, MOSTLY BIOCLASTIC LIMESTONES OF EXCELLENT QUALITY.

SCHEDULE:

ADVANCED EXPLORATION: 4 YEARS
ECONOMIC EVALUATION: 2- 4 YEARS
OPERATION: DEPENDS ON USEFUL LIFE OF THE PROJECT".

STAGE:

ADVANCED EXPLORATION
REGIME: LARGE SCALE MINING

TERM:

TO BE DETERMINED

PRIORITY LEVEL:

HIGH

JUSTIFICATION PRIORITY:

EMPLOYMENT GENERATION IN THE AREA OF INFLUENCE, PRODUCTIVE LINKAGES AND INFRASTRUCTURE IN ACCESSES TO THE AREA.

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PROJECT:

ASSIGNMENT AND TRANSFER OF LA TRONERA MINING CONCESSION

AMOUNT:

TO BE DEFINED AT THE TIME OF THE ASSESSMENT OF THE AREA'S POTENTIAL.

PROFITABILITY / BENEFICIARIES:

260,882 INHABITANTS OF THE ZONES OF INFLUENCE OF THE CANTON RIOBAMBA

DESCRIPTION:

THE PROJECT IS LOCATED IN THE SOUTH CENTRAL ZONE OF THE WESTERN MOUNTAIN RANGE WITH LIMESTONE CONCENTRATION, 6 DIAMOND DRILL HOLES HAVE BEEN DRILLED WITH A TOTAL OF 549.77M.

SCHEDULE:

DEPENDS ON THE USEFUL LIFE OF THE PROJECT

STAGE:

EXPLORATION/EXPLOITATION
REGIME: SMALL MINING

TERM:

TO BE DETERMINED

PRIORITY LEVEL:

HIGH

JUSTIFICATION PRIORITY:

EMPLOYMENT GENERATION IN THE AREA OF INFLUENCE, PRODUCTIVE LINKAGES AND INFRASTRUCTURE IN ACCESSES TO THE AREA.

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PROJECT:

ASSIGNMENT AND TRANSFER OF ISIMANCHI MINING CONCESSION

AMOUNT:

TO BE DEFINED AT THE TIME OF THE ASSESSMENT OF THE AREA'S POTENTIAL.

PROFITABILITY / BENEFICIARIES:

10,337 INHABITANTS IN THE AREAS OF INFLUENCE OF THE CANTON OF CHINCHIPE

DESCRIPTION:

THE PROJECT IS LOCATED IN THE SOUTHEASTERN PART OF THE COUNTRY WITH LIMESTONE CONCENTRATION, IT HAS 11,263.05 M OF DRILLING CORRESPONDING TO 71 DRILL HOLES, 5,847 SAMPLES WERE TAKEN.

SCHEDULE:

ADVANCED EXPLORATION: 4 YEARS
ECONOMIC EVALUATION: 2- 4 YEARS
OPERATION: DEPENDS ON USEFUL LIFE OF THE PROJECT".

STAGE:

ADVANCED EXPLORATION
REGIME: LARGE SCALE MINING

TERM:

TO BE DETERMINED

PRIORITY LEVEL:

HIGH

JUSTIFICATION PRIORITY:

EMPLOYMENT GENERATION IN THE AREA OF INFLUENCE, PRODUCTIVE LINKAGES AND INFRASTRUCTURE IN ACCESSES TO THE AREA.

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PROJECT:

ASSIGNMENT AND TRANSFER OF THE SIGCHOS PROJECT

AMOUNT:

TO BE DEFINED AT THE TIME OF THE ASSESSMENT OF THE POTENTIAL OF THE AREA

PROFITABILITY / BENEFICIARIES:

18,460 INHABITANTS OF THE AREAS OF INFLUENCE OF THE CANTON SIGCHOS

DESCRIPTION:

THE PROJECT IS LOCATED WITHIN THE METALLOGENIC BELT OF THE WESTERN CORDILLERA, WITH GREAT POTENTIAL FOR A POSSIBLE DEEP PORPHYRY COPPER DISCOVERY.

SCHEDULE:

ADVANCED EXPLORATION: 4 YEARS
ECONOMIC EVALUATION: 2- 4 YEARS
OPERATION: DEPENDS ON USEFUL LIFE OF THE PROJECT".

STAGE:

ADVANCED EXPLORATION
REGIME: LARGE SCALE MINING

TERM:

TO BE DETERMINED

PRIORITY LEVEL:

HIGH

JUSTIFICATION PRIORITY:

EMPLOYMENT GENERATION IN THE AREA OF INFLUENCE, PRODUCTIVE LINKAGES AND INFRASTRUCTURE IN ACCESSES TO THE AREA.

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PROJECT:

ASSIGNMENT AND TRANSFER OF TOLA NORTE MINING CONCESSION

AMOUNT:

TO BE DEFINED AT THE TIME OF THE ASSESSMENT OF THE POTENTIAL OF THE AREA

PROFITABILITY / BENEFICIARIES:

46,305 INHABITANTS OF THE ZONES OF INFLUENCE OF CANTON ELOY ALFARO

DESCRIPTION:

CONCESSION WITH PRESENCE FERROTITANIFEROUS SANDS, WHICH ARE DRAGGED BY THE RIVERS THAT DESCEND FROM THE ANDES MOUNTAIN RANGE AND WHOSE ORIGIN ARE ROCKS OF VOLCANIC ORIGIN CONTAINING MAGNETITE.

SCHEDULE:

ADVANCED EXPLORATION: 4 YEARS
ECONOMIC EVALUATION: 2- 4 YEARS
OPERATION: DEPENDS ON USEFUL LIFE OF THE PROJECT

STAGE:

ADVANCED EXPLORATION
REGIME: LARGE SCALE MINING

TERM:

TO BE DETERMINED

PRIORITY LEVEL:

HIGH

JUSTIFICATION PRIORITY:

EMPLOYMENT GENERATION IN THE AREA OF INFLUENCE, PRODUCTIVE LINKAGES AND INFRASTRUCTURE IN ACCESSES TO THE AREA.

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MINISTRY OF TOURISM

Projects:

BLIZ CLUB RESORT
REAL ESTATE PROJECT

ARAHUANA JUNGLE
HOTEL DEVELOPMENT IN THE CITY OF TENA

COLONO
IHOTEL FACILITY IN THE GALAPAGOS ISLANDS

CAÑAVERAL LAGOON
TOURISM REAL ESTATE DEVELOPMENT

RADISSON BLUE
MIXED REAL ESTATE SALES AND HOTEL MANAGEMENT

VIBRA HEALING LODGE & SPA
HOTEL OPERATION IN THE AMAZON REGION

MAQUIPUCUMA RESERVE
CONSERVATION AND RESEARCH HUB

PUNTIA ENDEMUS
HOTEL PROJECT IN THE GALAPAGOS ISLANDS

TOTORAL YAHUARCOCHA
HOTEL OPERATION IN IBARRA

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PROJECT:

BLIZ CLUB RESORT

LOCATION:

PUERTO CAYO - MANABÍ.

DESCRIPTION:

IS A REAL ESTATE TOURISM PROJECT TO BE DEVELOPED ON A 54 HECTARE PROPERTY, DIVIDED BY THE SPONDYLUS ROUTE, OF WHICH 35 HECTARES WILL BE USED FOR THE DEVELOPMENT OF THE CLUB RESORT WITH 420 METERS OF BEACHFRONT, 300 ROOMS, 4 PRESIDENTIAL PENTHOUSES, WITH A MAXIMUM CAPACITY OF 670 GUESTS. THE HOTEL IS COMPOSED OF 3 BUILDINGS IN AN AREA OF 34,520 SQUARE METERS, TOTAL BUILDABLE AREA OF THE ENTIRE COMPLEX OF 156,000 SQUARE METERS. THE OBJECTIVE OF THE INVESTMENT IS TO DEVELOP THE ENTIRE INFRASTRUCTURE.

TYPE OF PROJECT:

ACCOMMODATIONS.

POTENTIAL DEMAND:

THE PROJECT'S POTENTIAL MARKET IS DOMESTIC TOURISM, MAINLY FROM THE LARGE CITIES OF ECUADOR (QUITO - GUAYAQUIL - CUENCA - MANTA).
FOREIGN TOURISTS FROM THE UNITED STATES AND EUROPE - RETIREES LOOKING FOR A SECOND HOME.

POTENTIAL JOBS GENERATED:

450 DIRECT JOBS.

FUNDAMENTAL CRITERIA:

ALIGNED WITH THE NATIONAL DEVELOPMENT PLAN FOR THE NEW ECUADOR, OBJECTIVE NUMBER 3: INCREASE AND STRENGTHEN A FAVORABLE ENVIRONMENT FOR INVESTMENT, INNOVATION AND SUSTAINABLE TOURISM MANAGEMENT.

DELEGATION MODEL AND REMUNERATION MODEL:

PRIVATE PROJECT WITH NO STATE INTERVENTION. IS LOOKING FOR AN INVESTMENT PARTNER IN THE PRIVATE SECTOR.

BENEFICIARIES:

1592840 INHABITANTS OF THE PROVINCE WHERE THE PROJECT IS BEING DEVELOPED (MANABÍ).

FINANCIAL INFORMATION:

IRR:15.3%.
INVESTMENT VALUE: USD 106 MILLION.
VAN: USD 186 MILLION.
RECOVERY PERIOD: 12 YEARS.

QUALITATIVE BENEFITS:

INCREASED INVESTMENT THE TOURISM SECTOR.
INCREASE IN SOURCES OF EMPLOYMENT.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

CAPEX: 12 YEARS.

COMPONENTS:

- CONSTRUCTION.
- EQUIPMENT.
- ADMINISTRATION.

SOCIOECONOMIC INFORMATION:

ECUADOR HAS A DIVERSE OFFER FOR THE DEVELOPMENT OF THE SUSTAINABLE TOURISM SECTOR, THANKS TO ITS GEOGRAPHY, BIODIVERSITY, NATURAL AND CULTURAL WEALTH. WITHIN NON-MINING EXPORTS, THE TOURISM SECTOR FOURTH WITH MORE THAN USD 1.3 BILLION ENTERING THE COUNTRY'S ECONOMY.

STATUS:

PREFEASIBILITY.

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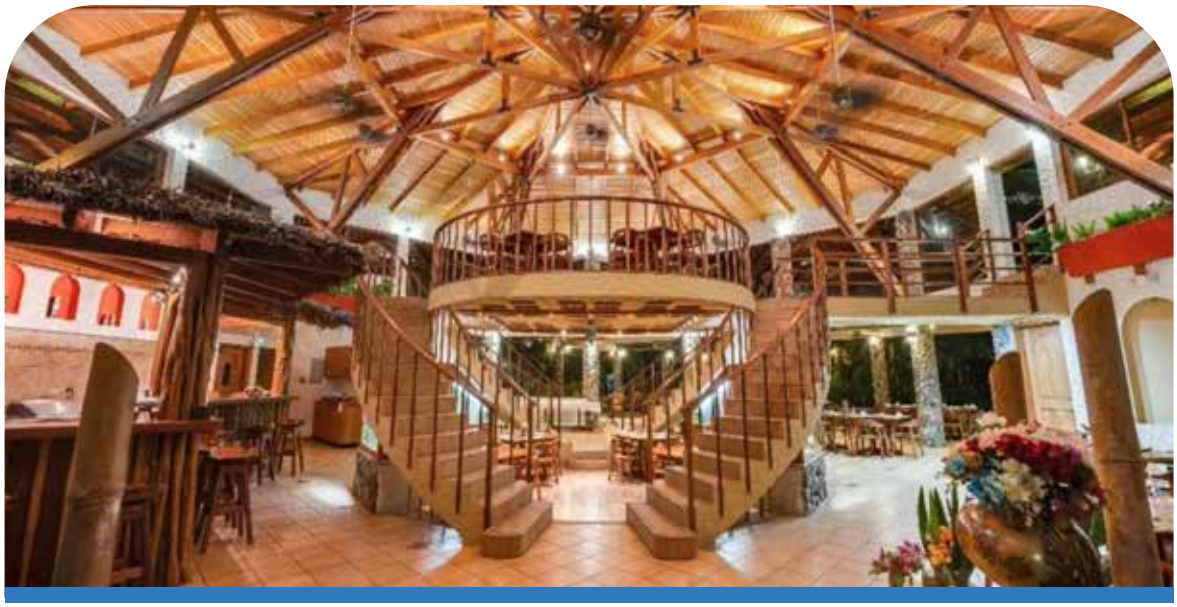

PROJECT:

ARAHUANA JUNGLE

LOCATION:

TENA - NAPO.

DESCRIPTION:

HOTEL DEVELOPMENT LOCATED IN THE EASTERN REGION, IN THE CITY OF TENA, PROVINCE OF NAPO. IT IS A PROPERTY THAT CONSISTS OF A RESORT AND SPA ON A 55 HECTARE PLOT OF LAND, OF WHICH 9 HECTARES ARE GARDENS AND 2 HECTARES ARE PRIMARY FOREST. IT ALSO HAS 3 VILLAS OF 6 ROOMS EACH AND 25 CABINS, FOR A CAPACITY OF GUESTS. THE PROJECT IS WELL UNDERWAY AND HAS EVEN BEGUN PARTIAL OPERATIONS. PART OF THE PROJECT WAS FINANCED WITH PERSONAL CONTRIBUTIONS FROM THE SHAREHOLDERS; ANOTHER PART WAS FINANCED WITH A LOAN GRANTED BY FINANCIAL INSTITUTIONS.

TYPE OF PROJECT:

ACCOMMODATIONS.

POTENTIAL DEMAND:

FOR THE FOURTH YEAR, OCCUPANCY IS EXPECTED TO GROW TO 50%, WHICH MEANS THAT 1,178 PEOPLE WILL BE ACCOMMODATED PER YEAR.

POTENTIAL JOBS GENERATED:

20 DIRECT JOBS.

FUNDAMENTAL CRITERIA:

ALIGNED WITH THE NATIONAL DEVELOPMENT PLAN FOR THE NEW ECUADOR, OBJECTIVE NUMBER 3: INCREASE AND STRENGTHEN A FAVORABLE ENVIRONMENT FOR INVESTMENT, INNOVATION AND SUSTAINABLE TOURISM MANAGEMENT.

DELEGATION MODEL AND REMUNERATION MODEL:

PRIVATE PROJECT WITH NO GOVERNMENT INTERVENTION. IS LOOKING FOR AN INVESTMENT PARTNER IN THE PRIVATE SECTOR.

BENEFICIARIES:

131675 INHABITANTS OF THE PROVINCE WHERE THE PROJECT IS DEVELOPED (NAPO).

FINANCIAL INFORMATION:

IRR: 12.8%.
INVESTMENT VALUE: USD 13.1 MILLION. VAN: USD 6.1 MILLION.

QUALITATIVE BENEFITS:

INCREASE IN INVESTMENT IN THE TOURISM SECTOR.
INCREASE IN SOURCES OF EMPLOYMENT.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL)::

1 YEAR.

COMPONENTS:

- CONSTRUCTION.
- EQUIPMENT.
- ADMINISTRATION.

SOCIOECONOMIC INFORMATION:

ECUADOR HAS A DIVERSE OFFER FOR THE DEVELOPMENT OF THE SUSTAINABLE TOURISM SECTOR, THANKS TO ITS GEOGRAPHY, BIODIVERSITY, NATURAL AND CULTURAL WEALTH. WITHIN NON-MINING EXPORTS, THE TOURISM SECTOR FOURTH WITH MORE THAN USD 1.3 BILLION ENTERING THE COUNTRY'S ECONOMY.

STATUS:

OPERATION.

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PROJECT:

COLONO

LOCATION:

SAN CRISTOBAL - GALÁPAGOS.

DESCRIPTION:

THE IDEA IS TO EXPAND AND IMPROVE THE HOTEL FACILITIES OF A PROJECT DEVELOPED IN THE ISLAND REGION, IN THE CITY OF PUERTO BAQUERIZO MORENO (SAN CRISTÓBAL ISLAND), PROVINCE OF THE GALAPAGOS. THE CONCEPT IS FRAMED IN A BOUTIQUE HOTEL WITH 19 ROOMS FACING THE SEA, RESTAURANT, COMMERCIAL PREMISES, BAR, SWIMMING POOL, GREEN AREAS, AMONG OTHERS. THE HOTEL STANDS OUT FOR ITS COMFORTABLE SPACES AND PROXIMITY TO BEACHES SUCH AS PUNTA CAROLA AND MANN BEACH, LAS TIJERAS AND THE CENTER OF THE ISLAND. THE OBJECTIVE IS TO OBTAIN FINANCING, OR TO HAVE A STRATEGIC PARTNER, FOR THE COMPLETION OF THE CONSTRUCTION AND TO FIND A PARTNER TO TAKE CHARGE OF THE OPERATION OF THE HOTEL ACTIVITY.

TYPE OF PROJECT:

ACCOMMODATIONS.

POTENTIAL DEMAND:

6,840 VISITORS ESTIMATED FOR THE ISLAND OF SAN CRISTOBAL. 66% CORRESPONDS TO INTERNATIONAL TOURISTS FROM COUNTRIES SUCH AS THE UNITED STATES, THE UNITED KINGDOM, AND THE EURO ZONE. GALAPAGOS IS CONSIDERED THE BEST SUSTAINABLE DESTINATION IN THE AMERICAS, WHICH AROUSES THE INTEREST OF PEOPLE FROM ALL OVER THE WORLD.

POTENTIAL JOBS GENERATED:

25 DIRECT JOBS.

FUNDAMENTAL CRITERIA:

ALIGNED WITH THE NATIONAL DEVELOPMENT PLAN FOR THE NEW ECUADOR, OBJECTIVE NUMBER 3: INCREASE AND STRENGTHEN A FAVORABLE ENVIRONMENT FOR INVESTMENT, INNOVATION AND SUSTAINABLE TOURISM MANAGEMENT.

DELEGATION MODEL AND REMUNERATION MODEL:

PRIVATE PROJECT WITH NO GOVERNMENT INTERVENTION. IS LOOKING FOR AN INVESTMENT PARTNER IN THE PRIVATE SECTOR.

BENEFICIARIES:

28583 INHABITANTS OF THE PROVINCE WHERE THE PROJECT IS BEING DEVELOPED (GALAPAGOS).

FINANCIAL INFORMATION:

IRR: 22.1%.
INVESTMENT VALUE: USD 6 MILLION.
VAN USD: 3.8 MILLION.
PAYBACK PERIOD: 10 YEARS.

QUALITATIVE BENEFITS:

INCREASED INVESTMENT THE TOURISM SECTOR. INCREASE IN SOURCES OF EMPLOYMENT.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

3 YEARS.

COMPONENTS:

- CONSTRUCTION.
- EQUIPMENT.
- ADMINISTRATION.

SOCIOECONOMIC INFORMATION:

ECUADOR HAS A DIVERSE OFFER FOR THE DEVELOPMENT OF THE SUSTAINABLE TOURISM SECTOR, THANKS TO ITS GEOGRAPHY, BIODIVERSITY, NATURAL AND CULTURAL WEALTH. WITHIN NON-MINING EXPORTS, THE TOURISM SECTOR FOURTH WITH MORE THAN USD 1.3 BILLION ENTERING THE COUNTRY'S ECONOMY.

STATUS:

PREFEASIBILITY.

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PROJECT:

CAÑAVERAL LAGOON

LOCATION:

PEDERNALES - MANABÍ.

DESCRIPTION:

THE PROJECT CONTEMPLATES A TOURIST REAL ESTATE DEVELOPMENT LOCATED IN THE COASTAL REGION, SPECIFICALLY IN THE PARISH OF CAÑAVERAL, CANTON PEDERNALES, PROVINCE OF MANABÍ. IT IS PLANNED TO BUILD 300 HOUSING UNITS IN AN AREA OF 25 HECTARES. THE PROJECT ALSO PROPOSES THE DEVELOPMENT OF A LUXURY RESORT, A CRYSTALLINE LAGOON, CLUB HOUSES WITH RESTAURANTS AND BARS, SWIMMING POOLS IN DIFFERENT AREAS, A CABLE CAR INTERCONNECTING THE BEACH AND THE HILL, A MARINE SPA, A SHOPPING AREA, CHILDREN'S AREAS WITH DAY CARE, A HEALTH CENTER WITH AMBULANCE AND A SECURITY CENTER.

TYPE OF PROJECT:

HOUSING AND REAL ESTATE.

POTENTIAL DEMAND:

1.5 MM OF POTENTIAL PROJECT USERS.

POTENCIAL DE EMPLEOS GENERADOS:

250 DIRECT JOBS.

FUNDAMENTAL CRITERIA:

1592840 INHABITANTS OF THE PROVINCE WHERE THE PROJECT IS BEING DEVELOPED (MANABÍ).

DELEGATION MODEL AND REMUNERATION MODEL:

PRIVATE PROJECT WITH NO STATE INTERVENTION. IS LOOKING FOR AN INVESTMENT PARTNER IN THE PRIVATE SECTOR.

BENEFICIARIES:

1592840 HABITANTES DE LA PROVINCIA DONDE SE DESARROLLA EL PROYECTO (MANABÍ).

FINANCIAL INFORMATION:

IRR: 40%.
VAN: USD 20 MILLION.
RECOVERY TIME 6 YEARS.

QUALITATIVE BENEFITS:

INCREASE IN INVESTMENT IN THE TOURISM SECTOR.
INCREASE IN SOURCES OF EMPLOYMENT.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

5 YEARS.

COMPONENTS:

- CONSTRUCTION.
- EQUIPMENT.
- ADMINISTRATION.

SOCIOECONOMIC INFORMATION:

ECUADOR HAS A DIVERSE OFFER FOR THE DEVELOPMENT OF THE SUSTAINABLE TOURISM SECTOR, THANKS TO ITS GEOGRAPHY, BIODIVERSITY, NATURAL AND CULTURAL WEALTH. WITHIN NON-MINING EXPORTS, THE TOURISM SECTOR FOURTH WITH MORE THAN USD 1.3 BILLION ENTERING THE COUNTRY'S ECONOMY.

STATUS:

PREFEASIBILITY.

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PROJECT:

RADISSON BLUE

LOCATION:

PUNTA CENTINELA - SANTA ELENA.

DESCRIPTION:

THE PROJECT CONTEMPLATES THE DEVELOPMENT OF A MIXED OPERATION, ON THE ONE HAND THE SALE OF REAL ESTATE AND ON THE OTHER HAND THE MANAGEMENT AND ADMINISTRATION OF VACATION RENTALS; IT IS LOCATED IN THE COASTAL REGION, PROVINCE OF SANTA ELENA (PUNTA CENTINELA). THE PROJECT WILL INCLUDE THE CONSTRUCTION OF 200 HOUSES AND A VARIETY OF RECREATIONAL AREAS SUCH AS SWIMMING POOLS, SPORTS COURTS, A WATER PARK, PLAYGROUND, GYM, RESTAURANTS, SPA AND ENTERTAINMENT CENTERS. THE OBJECTIVE OF THE INVESTMENT IS TO DEVELOP THE INFRASTRUCTURE.TT

TYPE OF PROJECT:

HOUSING AND REAL ESTATE.

POTENTIAL DEMAND:

200,000 POTENTIAL USERS OF THE PROJECT.

POTENTIAL JOBS GENERATED:

200 JOBS FOR THE OPERATION.

FUNDAMENTAL CRITERIA:

ALIGNED WITH THE NATIONAL DEVELOPMENT PLAN FOR THE NEW ECUADOR, OBJECTIVE NUMBER 3: INCREASE AND STRENGTHEN A FAVORABLE ENVIRONMENT FOR INVESTMENT, INNOVATION AND SUSTAINABLE TOURISM MANAGEMENT.

DELEGATION MODEL AND REMUNERATION MODEL:

PRIVATE PROJECT WITH NO GOVERNMENT INTERVENTION. IS LOOKING FOR AN INVESTMENT PARTNER IN THE PRIVATE SECTOR.

BENEFICIARIES:

385735 INHABITANTS OF THE PROVINCE WHERE THE PROJECT IS BEING DEVELOPED (SANTA ELENA).

FINANCIAL INFORMATION:

IRR: 52%.
VAN: USD 78 MILLION.
RECOVERY TIME: 3 YEARS.

QUALITATIVE BENEFITS:

INCREASED INVESTMENT THE TOURISM SECTOR.
INCREASE IN SOURCES OF EMPLOYMENT.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

-

COMPONENTS:

- CONSTRUCTION.
- EQUIPMENT.
- ADMINISTRATION.

SOCIOECONOMIC INFORMATION:

ECUADOR HAS A DIVERSE OFFER FOR THE DEVELOPMENT OF THE SUSTAINABLE TOURISM SECTOR, THANKS TO ITS GEOGRAPHY, BIODIVERSITY, NATURAL AND CULTURAL WEALTH. WITHIN NON-MINING EXPORTS, THE TOURISM SECTOR FOURTH WITH MORE THAN USD 1.3 BILLION ENTERING THE COUNTRY'S ECONOMY.

STATUS:

PREFEASIBILITY.

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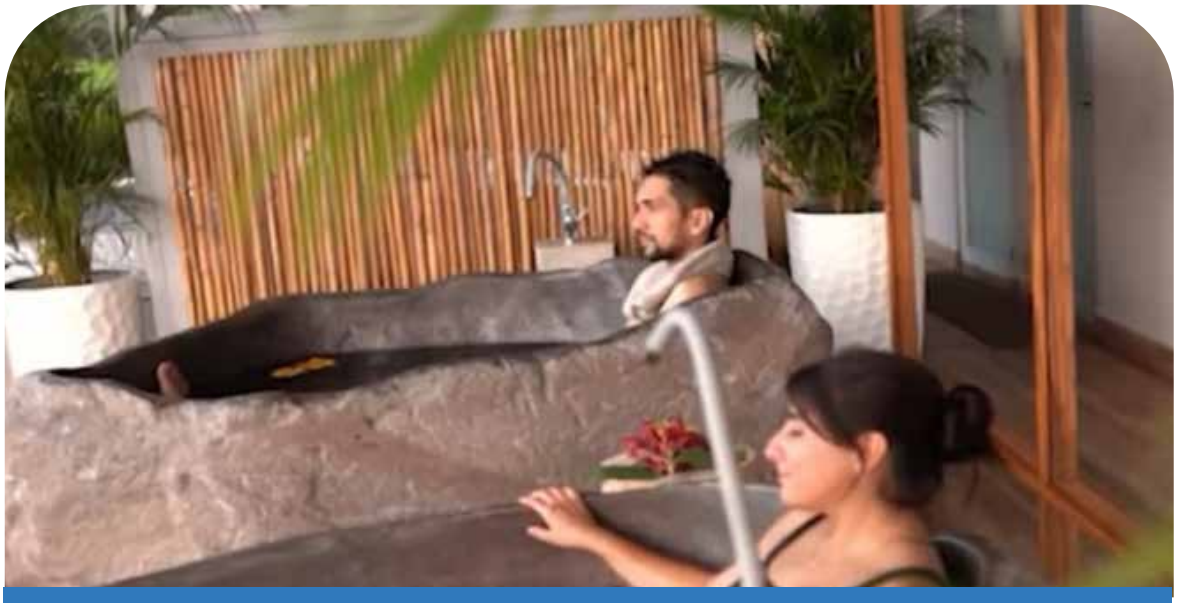

PROJECT:

VIBRA HEALING LODGE & SPA

LOCATION:

PUYO - PASTAZA.

DESCRIPTION:

THE PROJECT IS A HOTEL OPERATION, LOCATED IN THE EASTERN REGION, IN THE CITY OF PUYO, PROVINCE OF PASTAZA. IT IS AN ECOLODGE OF 46 HECTARES WITH 6 ROOMS/ECOLOGICAL CABINS, WITH CAPACITY TO ACCOMMODATE 20 PEOPLE, RESTAURANT, OWN TRAILS, WATERFALLS, NATURAL POOL AND MANY ATTRACTIONS. THE OBJECTIVE IS TO FINANCE OR HAVE A STRATEGIC PARTNER FOR INFRASTRUCTURE EXPANSIONS AND TO TAKE OVER THE OPERATION.

TYPE OF PROJECT:

ACCOMMODATIONS.

POTENTIAL DEMAND:

100,000 POTENTIAL USERS OF THE PROJECT.

POTENTIAL JOBS GENERATED:

15 DIRECT JOBS.

FUNDAMENTAL CRITERIA:

ALIGNED WITH THE NATIONAL DEVELOPMENT PLAN FOR THE NEW ECUADOR, OBJECTIVE NUMBER 3: INCREASE AND STRENGTHEN A FAVORABLE ENVIRONMENT FOR INVESTMENT, INNOVATION AND SUSTAINABLE TOURISM MANAGEMENT.

DELEGATION MODEL AND REMUNERATION MODEL:

PRIVATE PROJECT WITH NO GOVERNMENT INTERVENTION. IS LOOKING FOR AN INVESTMENT PARTNER IN THE PRIVATE SECTOR.

BENEFICIARIES:

11,1915 INHABITANTS OF THE PROVINCE WHERE THE PROJECT IS BEING DEVELOPED (PASTAZA).

FINANCIAL INFORMATION:

IRR: 13.85%.
NPV: 4,690
INVESTMENT VALUE: USD 2.5 MILLION.
PAYBACK TIME: 12 YEARS.

QUALITATIVE BENEFITS:

INCREASED INVESTMENT THE TOURISM SECTOR.
INCREASE IN SOURCES OF EMPLOYMENT.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

-

COMPONENTS:

- CONSTRUCTION.
- EQUIPMENT.
- ADMINISTRATION.

SOCIOECONOMIC INFORMATION:

ECUADOR HAS A DIVERSE OFFER FOR THE DEVELOPMENT OF THE SUSTAINABLE TOURISM SECTOR, THANKS TO ITS GEOGRAPHY, BIODIVERSITY, NATURAL AND CULTURAL WEALTH. WITHIN NON-MINING EXPORTS, THE TOURISM SECTOR FOURTH WITH MORE THAN USD 1.3 BILLION ENTERING THE COUNTRY'S ECONOMY.

STATUS:

OPERATION.

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PROJECT:

MAQUIPUCUNA RESERVE

LOCATION:

NANEGALITO - PICHINCHA.

DESCRIPTION:

THE MAQUIPUCUNA ECOLODGE, IN THE MAQUIPUCUNA RESERVE, HAS BEEN AN EPICENTER OF CONSERVATION AND RESEARCH SINCE 1988. WITH 6,000 HECTARES COVERING ALTITUDES BETWEEN 900 AND 2,800 METERS ABOVE LEVEL, IT IS THE CORE OF THE BEAR CORRIDOR AND THE ANDEAN CHOCÓ BIOSPHERE RESERVE. OFFERS A UNIQUE OPPORTUNITY TO OBSERVE THE LARGEST CONGREGATION OF ANDEAN BEARS AND IS A PARADISE FOR BIRD LOVERS. TWO HOURS FROM QUITO AND THE INTERNATIONAL AIRPORT, IT SEEKS TO EXPAND CAPACITY TO 36 ROOMS, IMPROVE SERVICES AND INFRASTRUCTURE, AND CREATE A WALKWAY IN THE FOREST CANOPY ACCESSIBLE TO ALL TYPES OF TOURISTS. THIS SUSTAINABLE PROJECT CONTRIBUTES TO CONSERVATION AND OFFERS A UNIQUE INVESTMENT OPPORTUNITY.

TYPE OF PROJECT:

HOUSING AND REAL ESTATE.

POTENTIAL DEMAND:

-

POTENTIAL JOBS GENERATED:

65 DIRECT JOBS.

FUNDAMENTAL CRITERIA:

ALIGNED WITH THE NATIONAL DEVELOPMENT PLAN FOR THE NEW ECUADOR, OBJECTIVE NUMBER 3: INCREASE AND STRENGTHEN A FAVORABLE ENVIRONMENT FOR INVESTMENT, INNOVATION AND SUSTAINABLE TOURISM MANAGEMENT.

DELEGATION MODEL AND REMUNERATION MODEL:

PRIVATE PROJECT WITH NO STATE INTERVENTION. IS LOOKING FOR AN INVESTMENT PARTNER IN THE PRIVATE SECTOR.

BENEFICIARIES:

3089473 INHABITANTS OF THE PROVINCE WHERE THE PROJECT IS BEING DEVELOPED (PICHINCHA).

FINANCIAL INFORMATION:

INVESTMENT VALUE: USD 5 MILLION.

QUALITATIVE BENEFITS:

INCREASE IN INVESTMENT IN THE TOURISM SECTOR.
INCREASE IN SOURCES OF EMPLOYMENT.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

-

COMPONENTS:

- CONSTRUCTION.
- EQUIPMENT.
- ADMINISTRATION.

SOCIOECONOMIC INFORMATION:

ECUADOR HAS A DIVERSE OFFER FOR THE DEVELOPMENT OF THE SUSTAINABLE TOURISM SECTOR, THANKS TO ITS GEOGRAPHY, BIODIVERSITY, NATURAL AND CULTURAL WEALTH. WITHIN NON-MINING EXPORTS, THE TOURISM SECTOR FOURTH WITH MORE THAN USD 1.3 BILLION ENTERING THE COUNTRY'S ECONOMY.

STATUS:

OPERATION.

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PROJECT:

OPUNTIA ENDEMUS

LOCATION:

SAN CRISTOBAL - GALÁPAGOS.

DESCRIPTION:

IT IS THE DEVELOPMENT OF A HOTEL PROJECT TO BE LOCATED IN THE ISLAND REGION, SAN CRISTOBAL, PROVINCE OF GALAPAGOS. THE PROJECT WILL BE BUILT IN MAN BEACH, WITH AN ECOLOGICAL APPROACH, CONTEMPLATES 32 ROOMS, WITH A PRIVILEGED LOCATION IN FRONT OF THE SEA. IT WILL BE BUILT ON A 2,250 M2 LOT THAT IS ONLY 70 METERS FROM THE BEACH. THE OBJECTIVE IS TO SEEK FINANCING OR A STRATEGIC PARTNER FOR THE DEVELOPMENT OF THE INFRASTRUCTURE AND OPERATION OF THE HOTEL SERVICE.

TYPE OF PROJECT:

HOUSING AND REAL ESTATE.

POTENTIAL DEMAND:

6,840 ESTIMATED VISITORS TO SAN CRISTOBAL ISLAND.

POTENTIAL JOBS GENERATED:

15 DIRECT JOBS.

FUNDAMENTAL CRITERIA:

ALIGNED WITH THE NATIONAL DEVELOPMENT PLAN FOR THE NEW ECUADOR, OBJECTIVE NUMBER 3: INCREASE AND STRENGTHEN A FAVORABLE ENVIRONMENT FOR INVESTMENT, INNOVATION AND SUSTAINABLE TOURISM MANAGEMENT.

DELEGATION MODEL AND REMUNERATION MODEL:

PRIVATE PROJECT WITH NO GOVERNMENT INTERVENTION. IS LOOKING FOR AN INVESTMENT PARTNER IN THE PRIVATE SECTOR.

BENEFICIARIES:

28583 INHABITANTS OF THE PROVINCE WHERE THE PROJECT IS BEING DEVELOPED (GALAPAGOS).

FINANCIAL INFORMATION:

IRR: 14.5%.
VAN: USD 3 MILLION.
RECOVERY TIME: 7 YEARS.

QUALITATIVE BENEFITS:

INCREASED INVESTMENT THE TOURISM SECTOR. INCREASE IN SOURCES OF EMPLOYMENT.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

-

COMPONENTS:

- CONSTRUCTION.
- EQUIPMENT.
- ADMINISTRATION.

SOCIOECONOMIC INFORMATION:

ECUADOR HAS A DIVERSE OFFER FOR THE DEVELOPMENT OF THE SUSTAINABLE TOURISM SECTOR, THANKS TO ITS GEOGRAPHY, BIODIVERSITY, NATURAL AND CULTURAL WEALTH. WITHIN NON-MINING EXPORTS, THE TOURISM SECTOR FOURTH WITH MORE THAN USD 1.3 BILLION ENTERING THE COUNTRY'S ECONOMY.

STATUS:

PREFEASIBILITY.

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PROJECT:

TOTORAL YAHUARCOCHA

LOCATION:

IBARRA - IMBABURA.

DESCRIPTION:

THE PROJECT IS A HOTEL OPERATION LOCATED IN THE CITY OF IBARRA, PROVINCE OF IMBABURA. THE LODGE IS LOCATED AT THE FOOT OF LAKE YAHUARCOCHA ON A 10 HECTARE SITE, IT HAS 21 ROOMS WITH A CAPACITY FOR 73 PEOPLE. IT ALSO HAS LARGE EXTENSIONS OF LAND FOR EVENTS, STABLES, EQUESTRIAN AREA, RESTAURANT AND WATER ACTIVITIES. THE OBJECTIVE IS FRAMED WITHIN THE SEARCH FOR A STRATEGIC PARTNER TO PROMOTE THE GROWTH OF THE OPERATION AND ATTRACT TOURISTS.

TYPE OF PROJECT:

HOUSING AND REAL ESTATE.

POTENTIAL DEMAND:

500,000 POTENTIAL PROJECT USERS.

POTENTIAL JOBS GENERATED:

-

FUNDAMENTAL CRITERIA:

ALIGNED WITH THE NATIONAL DEVELOPMENT PLAN FOR THE NEW ECUADOR, OBJECTIVE NUMBER 3: INCREASE AND STRENGTHEN A FAVORABLE ENVIRONMENT FOR INVESTMENT, INNOVATION AND SUSTAINABLE TOURISM MANAGEMENT.

DELEGATION MODEL AND REMUNERATION MODEL:

PRIVATE PROJECT WITH NO STATE INTERVENTION. IS LOOKING FOR AN INVESTMENT PARTNER IN THE PRIVATE SECTOR.

BENEFICIARIES:

469879 INHABITANTS OF THE PROVINCE WHERE THE PROJECT IS BEING DEVELOPED (IMBABURA).

FINANCIAL INFORMATION:

INVESTMENT VALUE: USD 4 MILLION.

QUALITATIVE BENEFITS:

INCREASED INVESTMENT THE TOURISM SECTOR. INCREASE IN SOURCES OF EMPLOYMENT.

IMPLEMENTATION TIME IN YEARS (REFERENTIAL):

-

COMPONENTS:

- CONSTRUCTION.
- EQUIPMENT.
- ADMINISTRATION.

SOCIOECONOMIC INFORMATION:

ECUADOR HAS A DIVERSE OFFER FOR THE DEVELOPMENT OF THE SUSTAINABLE TOURISM SECTOR, THANKS TO ITS GEOGRAPHY, BIODIVERSITY, NATURAL AND CULTURAL WEALTH. WITHIN NON-MINING EXPORTS, THE TOURISM SECTOR FOURTH WITH MORE THAN USD 1.3 BILLION ENTERING THE COUNTRY'S ECONOMY.

STATUS:

OPERATION.

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MINISTRY OF PUBLIC HEALTH (MSP)

Projects:

CREAMING HEALTH
SNSP INFRASTRUCTURE

CREAMING HEALTH
HOSPITAL REENGINEERING AND EQUIPMENT

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PROJECT:

CREATING HEALTH

STRENGTHENING OF THE NATIONAL SANITATION INFRASTRUCTURE OF THE NATIONAL PUBLIC HEALTH SYSTEM

AMOUNT:

2024: 9.058.563
2025: 9.186.232
Growth rate: 1.41%.

PROFITABILITY / BENEFICIARIES:

Direct:
6'837,247 inhabitants.
Indirect:
18'220,020 inhabitants.

DESCRIPTION:

CONSTRUCTION AND REMODELING TO INCREASE EFFICIENCY AND PROVIDE BETTER CARE IN THE HEALTH UNITS.
STANDARDS: COMPLY WITH NATIONAL AND INTERNATIONAL QUALITY STANDARDS AND HOSPITAL CONSTRUCTION AND ACCREDITATION REGULATIONS.

SCHEDULE:

THROUGHOUT 2025: DELIVERY OF UPGRADED HOSPITALS AND HEALTH CENTERS.

STAGE:

HEALTH CENTER UNITS WITH VALIDATED DESIGNS.

HOSPITAL UNITS IN THE DESIGN PROCESS.

TERM:

NATIONAL PROCESSES: 1 TO 3 YEARS
INTERNATIONAL PROCESSES: 2 TO 4 YEARS

PRIORITY LEVEL:

HIGH

PRIORITY JUSTIFICATION:

IMPROVE AND BRING COMPREHENSIVE HEALTH SERVICES CLOSER TO THE POPULATION.

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PROJECT:

CREATING HEALTH

ENHANCEMENT OF THE HOSPITAL INFRASTRUCTURE AND EQUIPMENT FOR THE HEALTH SERVICES OF THE SECOND AND THIRD LEVELS OF HEALTH CARE

AMOUNT:

2024: 9.058.563
2025: 9.186.232
Growth rate: 1.41%.

PROFITABILITY / BENEFICIARIES:

Direct:
1'837,247 inhabitants.
Indirect:
18'220,020 inhabitants.

DESCRIPTION:

TO IMPROVE THE QUALITY AND EXPAND THE COVERAGE OF HEALTH SERVICES IN HEALTH CENTERS AND HOSPITALS THROUGH THE RENOVATION AND ACQUISITION OF STATE-OF-THE-ART MEDICAL EQUIPMENT, WHICH WILL MAKE IT POSSIBLE TO REPLACE OBSOLETE EQUIPMENT WITH ADVANCED TECHNOLOGY.

SCHEDULE:

THROUGHOUT 2025: DELIVERY OF TECHNICAL EQUIPMENT.

STAGE:

ASSESSMENT OF NEEDS OF THE UNITS ACCORDING TO THE NATIONAL MARKET SURVEY

TERM:

NATIONAL PROCESSES: 1 TO 3 YEARS

INTERNATIONAL PROCESSES: 2 TO 4 YEARS

PRIORITY LEVEL:

HIGH

JUSTIFICATION PRIORITY:

TO IMPROVE AND BRING INTEGRAL HEALTH SERVICES CLOSER TO THE POPULATION.

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ECUADORIAN INSTITUTE OF SOCIAL SECURITY (IESS)

Projects:

CAYAMBE BASIC HOSPITAL
SECOND LEVEL HOSPITAL EQUIPMENT

CHONE BASIC HOSPITAL
SEISMIC RESISTANT UNIT MANABÍ

HOSPITAL TEODORO MALDONADO CARBO
STRENGTHENING MEDICAL UNIT

BACK TO HOME PAGE

PROJECT:

CONSTRUCTION OF CAYAMBE BASIC HOSPITAL

SECOND LEVEL HOSPITAL.

AMOUNT:

USD 13'943.971,13

PROFITABILITY / BENEFICIARIES:

DIRECT: 81,988 MEMBERS AND BENEFICIARIES
INDIRECT: 118,967 INHABITANTS

DESCRIPTION:

CONSTRUCTION AND EQUIPPING OF A SECOND LEVEL BASIC HOSPITAL. THE HOSPITAL WILL HAVE 20 HOSPITAL BEDS, A SEISMIC-RESISTANT STRUCTURE, AND STATE-OF-THE-ART BIOMEDICAL AND COMPUTER EQUIPMENT.

SCHEDULE:

CONTRACTING OF INFRASTRUCTURE WORKS AND EQUIPMENT (FEBRUARY 2025 - MARCH 2026).

STAGE:

IN A FEASIBILITY ANALYSIS TO DETERMINE THE VIABILITY OF THE PROJECT.

TERM:

2 YEARS

PRIORITY LEVEL:

HIGH

PRIORITY JUSTIFICATION:

STRENGTHENING THE IESS INTERNAL NETWORK, WHILE REDUCING HOSPITAL REFERRALS. THIS WILL IMPROVE THE LIVING CONDITIONS OF THE POPULATION AND PROMOTE EQUITABLE ACCESS TO HEALTH CARE.

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PROJECT:

CONSTRUCTION OF CHONE´S BASIC HOSPITAL

SEISMIC RESISTANT UNIT IN MANABÍ.

AMOUNT:

USD 28'461.000

PROFITABILITY / BENEFICIARIES:

DIRECT: 118,584 MEMBERS AND BENEFICIARIES
INDIRECT: 128,166 INHABITANTS

DESCRIPTION:

CONSTRUCTION OF A NEW BASIC HOSPITAL IN CHONE THAT COMPLIES WITH EARTHQUAKE STANDARDS AND REGULATIONS. THIS MEDICAL UNIT WILL HAVE 70 BEDS.

SCHEDULE:

75% OF INFRASTRUCTURE WORK AND EQUIPMENT WILL BE MET BETWEEN FEBRUARY 2025 - MARCH 2027

STAGE:

STRUCTURAL DESIGN UPDATE DUE TO CHANGE OF PROPERTY. BY MEANS OF A DONATION, THE IESS HAS THE LAND PROPOSED FOR THE NEW CONSTRUCTION.

TERM:

2 YEARS

PRIORITY LEVEL:

HIGH

PRIORITY JUSTIFICATION:

STRENGTHENING THE IESS INTERNAL NETWORK, WHILE REDUCING HOSPITAL REFERRALS. THIS WILL IMPROVE THE LIVING CONDITIONS OF THE POPULATION AND PROMOTE EQUITABLE ACCESS TO HEALTH CARE.

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PROJECT:

ENHANCEMENT OF THE TEODORO MALDONADO CARBO HOSPITAL

STRENGTHENING A LEVEL III MEDICAL UNIT.

AMOUNT:

USD 25'000.00

(TO BE CONFIRMED WITH NEW NEED REPORT DUE TO PMF UPDATE) - REFERENTIAL AMOUNT PROVIDED BY SDNIE.

PROFITABILITY / BENEFICIARIES:

DIRECT: 2'134,850 FROM GUAYAS, SANTA ELENA, LOS RÍOS, BOLÍVAR AND GALÁPAGOS
INDIRECT: 1'265,125 BENEFICIARIES AND AFFILIATES IN ZONES 4 AND 7

DESCRIPTION:

CONTINOUS IMPROVEMENT OF THE TEODORO MALDONADO CARBO SPECIALTY IN GUAYAQUIL, IN ORDER TO STRENGTHEN THE QUALITY OF CARE PROVIDED TO THE BENEFICIARIES.

SCHEDULE:

FIRST INTERVENTION (UNTIL JUNE 2025). OTHER INTERVENTIONS WILL BE DEFINED ACCORDING TO BUDGET AVAILABILITY, TECHNICAL FEASIBILITY AND WORK EXECUTION SCHEDULE.

STAGE:

IN PRE-FEASIBILITY ANALYSIS FOR PRELIMINARY ASSESSMENT OF THE PROJECT

TERM:

3 TO 4 YEARS

PRIORITY LEVEL:

HIGH

JUSTIFICATION PRIORITY:

STRENGTHEN THE IESS INTERNAL NETWORK, REDUCE HOSPITAL REFERRALS, IMPROVE THE LIVING CONDITIONS OF THE POPULATION AND PROMOTE EQUITABLE ACCESS TO HEALTH CARE.

BACK TO HOME PAGE

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ECUADOR

BLUEBERRY

SCIENTIFIC NAME: VACCINIUM CORYMBOSUM
TARIFF CODE: 0810.40

VARIETIES

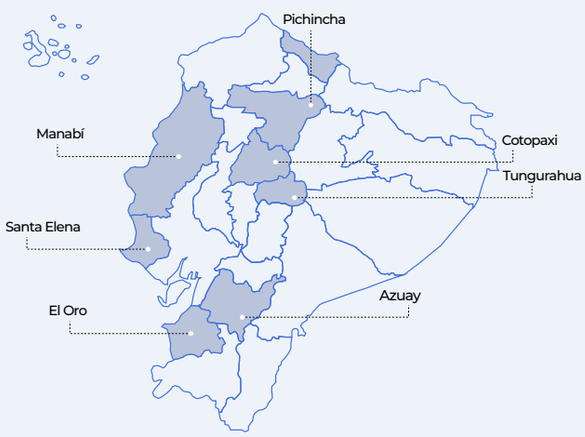
·Eureka
·Biloxi
·Emerald

CHARACTERISTICS

·The blueberry is a blue and red berry measuring 1 to 3 cm in diameter and weighing 0.5 to 4 grams.

·They are used to make jellies, jams, wines, and various sweet dishes.

GEOGRAPHIC AREA



PRODUCTION

There are approximately **400 hectares** of blueberry planted in the country

RELEVANT DATA

·It is is characterized by having a high productive life of around 20 years.

·Fruit with beneficial properties for health, rich in antioxidants, vitamin A, B, C, potassium, and fiber.

·Process of opening and approval of the phytosanitary protocol by China

·In 2022, Ecuador makes its first export of blueberries to the Netherlands and United States

·In 2023, USD 735 thousands FOB and 113 tons were exported.

PRODUCT PRESENTATION

·Polypropylene cup /box

·PET / Corrugated tray box

CERTIFICATIONS

GLOBALG.A.P. BPA

MAIN DESTINATIONS

USA
Singapore
Spain
Hong Kong
Netherlands

AVOCADOS

SCIENTIFIC NAME: PERSEA AMERICANA
TARIFF CODE: 0804.40

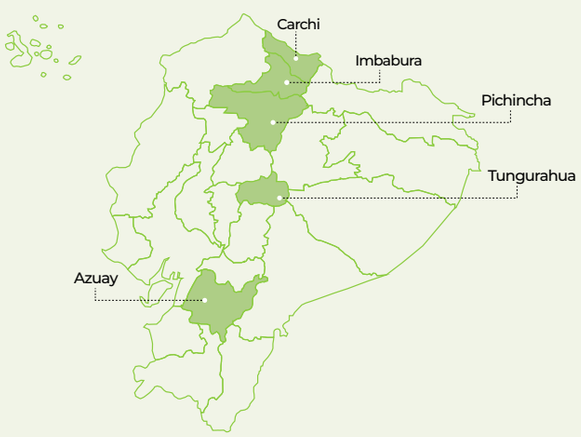
VARIETIES

The variety of avocados produced in Ecuador for export is called Hass.

CHARACTERISTICS

Avocados belong to the Lauraceae family and have a thick skin and large seed. They help lower blood cholesterol because they contain monounsaturated fats. They support the formation of hemoglobin in the blood due to their high salt and folic acid content. They have rough skin and a dark green color, and are almost black when ripe.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

An estimated **6000 ha.** are planted.

Highland production: January to April, August to December.

Coastal production: March to July.

RELEVANT DATA

- They have a high content of vegetable oils and are considered an excellent food in terms of nutrition in moderate proportions.
- They are rich in vegetable fat beneficial to the body and vitamins E, A, B1, B2, B3, fatty acids, proteins and minerals.

PRODUCT PRESENTATION

- 10-kilo cardboard box that may vary depending on the importer.
- 100 10-kilo boxes on a pallet.
- 20 to 22 pallets per 40-foot container.

CERTIFICATIONS

GLOBALG.A.P.

MAIN DESTINATIONS

Spain, Colombia, UAE, UK, Netherlands

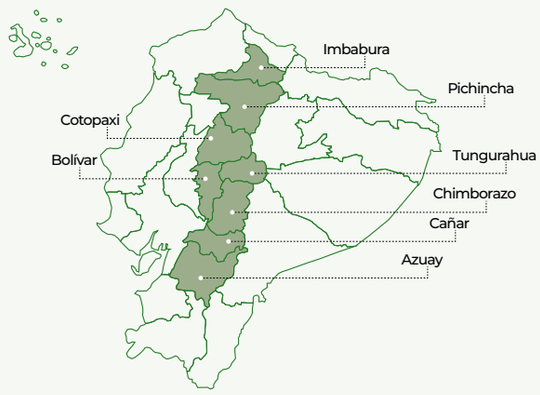
BROCCOLI

SCIENTIFIC NAME: BRASSICA OLERACEA VAR ITALICA
TARIFF CODE: 0710.80

CHARACTERISTICS

Ecuadorian broccoli is highly sought in the international market for its quality.

GEOGRAPHIC AREA



PRODUCTION

Broccoli is grown in the Ecuadorian highlands and exported mainly frozen IQF (Individual Quick Freezing). This freezing process helps maintain the appearance and nutritional characteristics and ensures that the products do not require any chemicals for preservation.

Ecuador's installed industrial capacity can process and export approximately 90,000 MT per year of IQF frozen broccoli.

RELEVANT DATA

•The amount of solar brightness that the crop receives in Ecuador gives the product a very green tone and a compact forest.

•Ecuador is the only country that produces broccoli all year round.

PRODUCT PRESENTATION

•250 gr to 2.50 kg polypropylene bags, 1 x 10 kg boxes, 500 kg totes, 21 TN in 40 ft. reefer containers by sea.

CERTIFICATIONS

BRC FOOD · HACCP · BPM · IFS · BASC · GLOBALG.A.P. · HALAL · K · GRASP

MAIN DESTINATIONS

USA · Japan · Germany · Canada · Netherlands

BANANA

SCIENTIFIC NAME: MUSA PARADISIACA
TARIFF CODE: 0803901190

VARIETIES
TYPE: CAVENDISH

CHARACTERISTICS
The geographical location of Ecuador provides ideal climate conditions that influence the quality and flavor of our fruit and gives it a longer shelf-life than other producing countries.

Provides vitamin A, vitamin C, folic acid, B complex, vitamin E and sugars, as well as important minerals such as potassium, iron and magnesium. In addition to being nutritious, it aids digestion and helps to neutralize acidity, prevent stomach pains and eliminate excess fluid from the body.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION
Approximately **1900 boxes** of bananas are produced per hectare in Ecuador.

The planted area is **190,381 hectares**, of which **95%** are for export.

RELEVANT DATA
- Ecuador is the **first banana exporter** in the world.
- Availability and production **throughout the year**.

PRODUCT PRESENTATION
- BOX 22XU.
- BOX 208.
- 1,080 palletized boxes in a 40-foot reefer container.
- 1,200 bulk boxes in a 40-foot reefer container.
- Temperature 13.2 degrees Celsius.

CERTIFICATIONS
GLOBALG.A.P. · BASC · FAIRTRADE · USDA ORGANIC · Rainforest Alliance

MAIN DESTINATIONS
Russia · Türkiye · USA · Netherlands · China

FROZEN BANANA IQF

SCIENTIFIC NAME: BANANA CAVENDISH (MUSA SAPIENTUM)
TARIFF CODE: 0803.90.11.90

VARIETIES

Type: Cavendish (conventional and organic)

CHARACTERISTICS

•It is commonly made from ripe bananas of the "Cavendish" variety, which makes it possible to obtain a creamy product.

•The banana is quick-frozen to preserve its natural flavour, colour and aroma, while also helping to lock in the fruit's excellent nutritional value.

•It is the most well-known and eaten tropical fruit in the world.

•Good source of fiber, potassium and vitamin C that contributes energy to our body.

•It contains all the 8 amino-acids that our body needs.

•Excellent combination for any fruit mix, smoothies, shakes, yogurts, cakes, breads, pancakes, freeze drying.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

The sector produces an average of **15.670 tons** of frozen banana.

RELEVANT DATA

•Ecuador is the main banana exporter in the world.

•Availability and production throughout the year.

•Innovation in agro-industrial production processes.

PRODUCT PRESENTATION

PACKAGING: Plastic bag in box.

PRESENTATIONS: 12.15 kg (Bulk)

DISTRIBUTION CHANNEL:
Retail presentations, HORECA, Industrial.

STORAGE: Frozen - 25°C

CERTIFICACIONES

PRINCIPALES DESTINOS

USA
Netherlands
Canada
Chile
UK

BABY BANANA

SCIENTIFIC NAME: MUSA ACUMINATA
TARIFF CODE: 0803.90.12.00

VARIETIES

TYPE: ORITO / BABY BANANA

CHARACTERISTICS

Oritos are a smaller variant of bananas, approximately 12 cm and with a sweeter flavor. When ripe, it has a yellow skin and almost white, creamy, high consistency pulp.

Because of its small size and sweet taste, the orito is a favorite of children. Being an important source of carbohydrates, it is an ideal complement to lunch as it provides an additional source of energy for active children.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

There are almost **8.000 ha** in Ecuador.

Approximately **780 boxes** of baby bananas are produced per hectare.

RELEVANT DATA

- Healthy for children´s consumption.
- Source of energy for adults.

PRODUCT PRESENTATION

- 1,760 palletized boxes per container
- 20" and 40" reefer containers
- 15lb boxes

CERTIFICATIONS

GLOBALG.A.P. · BASC · FAIRTRADE · USDA ORGANIC · Rainforest Alliance

MAIN DESTINATIONS

USA · Russia · Netherlands · China · Italy

BANANA PUREE

SCIENTIFIC NAME: BANANO CAVENDISH (MUSA SAPIENTUM) **TARIFF CODE: 2007.99**

VARIETIES

Banana puree uses Cavendish bananas (Musa sapientum), both conventional and organic.

CHARACTERISTICS

It is commonly made from ripe bananas of the "cavendish" variety, which produces a creamy product.

Once the raw material is ready for processing (washed, peeled, mashed), it is ground, acidified, homogenized and pasteurized.

It does not contain additives, unless requested by the customer, and is non-GMO.

It is a creamy puree and is considered a semi-processed product, which is used as an ingredient in the food sector.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

The sector produces an average of approximately 105,000 tons of banana puree.

RELEVANT DATA

•Products harvested in Ecuador are of excellent quality due to the country's geographical location.

•Innovation in agro-industrial production processes.

PRODUCT PRESENTATION

Production and packaging are in accordance with the buyers' requirements; however, the most common presentations for export are the following:

•21 kl box.
•Conical 230 kl drum
•Cylindrical 230 kl drum.
•1000 kl box.
•Sterile metallized bag in a cardboard box with capacities of 21 kg, 275 kg, 1000 kg, 1100 kg, or a bag in a metal 55 gallon capacity drum (230 kg).
•Also available in 1-liter sterile packaging.
•Cargo can be consolidated or shipped in 20- and 40-foot containers.

CERTIFICATIONS

MAIN DESTINATIONS

USA
Netherlands
Russia
Chile
Spain

PLANTAINS

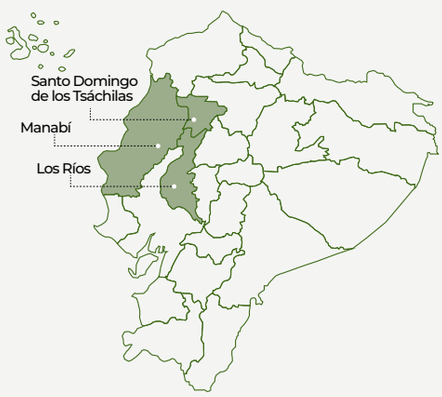
SCIENTIFIC NAME: MUSA PARADISIACA
TARIFF CODE: 0803.10.10.00

VARIETY
Barraganete Plantain

CHARACTERISTICS
It has a high nutritional value and is an important source of potassium, magnesium and phosphate. Potassium from bananas is very good for the heart as it can help prevent hypertension and heart attacks.

The high content of vitamins A, B6 and C helps maintain vision, healthy skin and strengthens the immune system. It is also high in fiber and carbohydrates. Cooked green it is very good for diabetics since it contains a complex carbohydrate that is released very slowly over time.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION
There are **127,895 ha**. in production in Ecuador.

Approximately **350-450** boxes of plantains are produced per hectare in Ecuador.

RELEVANT DATA
- **Contains starch**, that does not raise blood sugar levels.

- Ecuador's climate is ideal for growing plantains, which ensures constant **production throughout the year.**

PRODUCT PRESENTATION
- 50 lb. boxes
- 1,080 palletized boxes per 40-foot refer container
- Temperature 8 degrees Celsius

CERTIFICATIONS
GLOBALG.A.P.

MAIN DESTINATIONS
USA
Chile
Spain
Netherlands

SWEET PASSION FRUIT

SCIENTIFIC NAME: PASSIFLORA LIGULARIS
TARIFF CODE: 0810.90

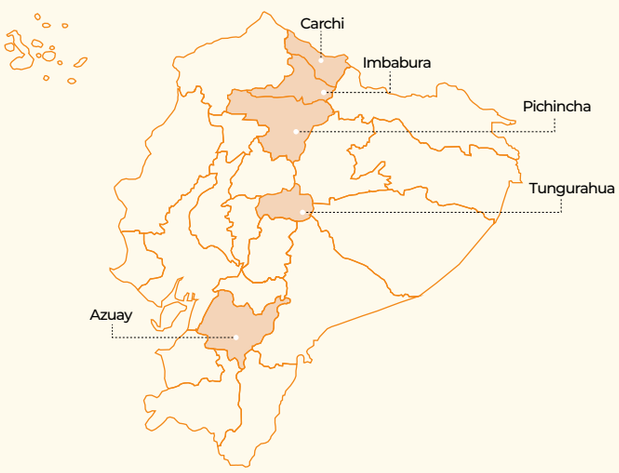
VARIETIES

Native variety.

CHARACTERISTICS

It is a very delicious anti-stress fruit with a round oval shape; its length is 6 to 11.5cm more or less and it is orange when ripe and yellow when not ripe. Its sweetness is 14 to 17 degrees BRIX. It has many health properties and benefits for the human body.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

Estimated production is **900 ha.**

DATOS RELEVANTES

- Passion fruit seeds have a high fiber, potassium, calcium, iron and phosphorus content.
- A nutritious option as a first solid food for babies.
- Passion fruit is an excellent source of essential vitamins such as vitamin A, B1, B2, B3, B9, C, E, K and provitamin A.

PRODUCT PRESENTATION

- Cardboard box. Each piece is protected by foam mesh.
- 2 kilo boxes.
- 160 boxes per pallet.

CERTIFICATIONS

GLOBALG.A.P.

MAIN DESTINATIONS

Hong Kong
Singapore
Canada
Netherlands
Spain

MANGOES

SCIENTIFIC NAME: MANGIFERA INDICA
TARIFF CODE: 0804.50

VARIETIES

Tommy Atkins, Ataulfo, Kent, Keitt.

CHARACTERISTICS

Ecuadorian mangoes stand out for their unique tropical flavor and fragrance due to ideal soil conditions. Mangoes are red or yellow depending on the variety.

Mangoes contain more than 20 different vitamins and minerals.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

Ecuador has approximately 7700 hectares in production, of which approximately 5500 are dedicated to export; the remaining area for the local market, and/or the production of mango juices and concentrates.

RELEVANT DATA

- Ecuador has five packing houses with magnificent facilities and state-of-the-art technology, all of which have Primus GFS & SMETA certifications.
- Ecuador is among the 12 main exporters of mangoes.

PRODUCT PRESENTATION

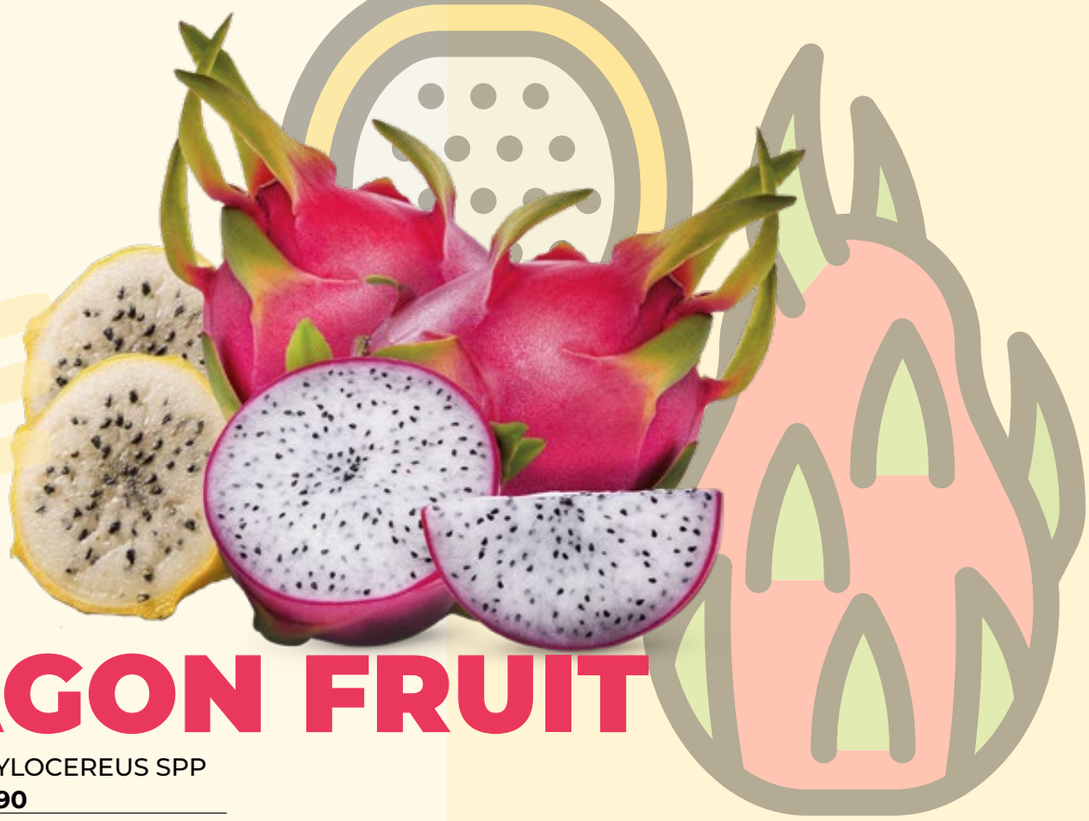
- Cardboard boxes, 4 kg net.
- 5280 mango boxes per container.

CERTIFICATIONS

GLOBALG.A.P.

MAIN DESTINATIONS

USA Netherlands Canada



DRAGON FRUIT

SCIENTIFIC NAME: HYLOCEREUS SPP
TARIFF CODE: 0810.90

VARIETIES

• **Yellow:** Characterized by its thorny skin it is 8 to 10 centimeters in size and its pulp is white with small black seeds; it has a sweet, juicy flavor.

• **Red:** Characterized by its thick rind, it is larger than the yellow variety (12 cm) and its flesh is white with small black seeds; it has a sweet, juicy flavor.

CHARACTERISTICS

Pitahaya or dragon fruit is an exotic fruit. Ecuador's climatic and soil conditions affect fruit quality, producing an intense aroma and very refreshing, sweet pulp.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

An estimated **3,000 ha.** are in production. The sector generates about **4,128 permanent direct jobs.**

RELEVANT DATA

• Origin denomination - Palora
• Endemic variety of Ecuador
• High brix content.

PRESENTACIÓN DEL PRODUCTO

• Cardboard box. Each piece is protected by foam mesh.
• Yellow pitahaya: boxes of 2.5 kilos.
• Red pitahaya: boxes of 4.5 kilos.
• 144 boxes per pallet.

CERTIFICATIONS

GLOBALG.A.P.

MAIN DESTINATIONS

USA · Hong Kong · Peru · Spain

PINEAPPLES

SCIENTIFIC NAME: ANANAS COMOSUS
TARIFF CODE: 0804.30

VARIETIES

Golden Sweet, also known as MD2, is characterized by its sweet taste, size and aroma.

CHARACTERISTICS

Ecuadorian pineapples have an incomparable flavor thanks to the microclimate of our country, which results in excellent quality, flavor, sweetness, texture and color, making Ecuador the 7th largest producer and exporter worldwide.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

An estimated 4900 ha. are in production. The sector generates about 2500 permanent direct jobs.

RELEVANT DATA

- Long shelf life
- Has balance between sweetness and acidity.
- Labor and environmental responsibility.

PRODUCT PRESENTATION

- 12 kg boxes: 75 - 80 trays of boxes per pallet, about 1500 boxes (20 pallets) per 40-foot reefer container.
- 22 kg boxes: 48 - 54 boxes per pallet, about 960 - 1080 boxes per container.

CERTIFICATIONS

GLOBALG.A.P.
Rainforest Alliance
BASC

PRINCIPALES DESTINOS

Chile
Netherlands
USA
Germany
Argentina

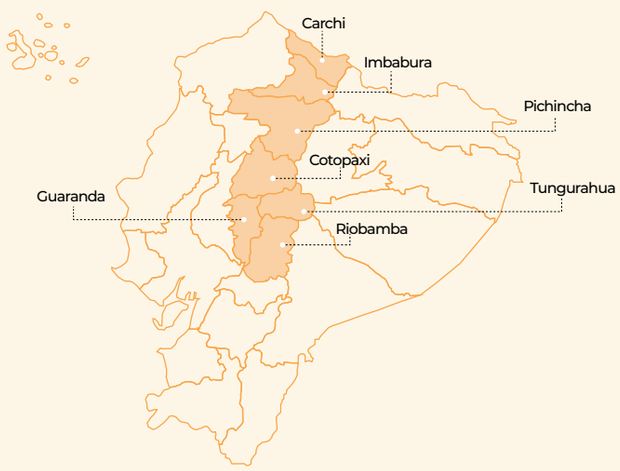
GOLDEN BERRIES

SCIENTIFIC NAME: PHYSALIS PERUVIANA
TARIFF CODE: 0810.90

CHARACTERISTICS

Ecuadorian golden berries are a superfood, full of nutrients from nature to preserve health at all stages of life. Ecuador's great biodiversity includes a great number of ecotypes. It is an andean fruit, exotic by nature with high nutrional content.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

Estimated production **546 ha**.

RELEVANT DATA

- Golden berries seeds have a high fiber, potassium, calcium, iron and phosphorus content.
- A nutritious option as a first solid food for babies.
- Golden berry is an excellent source of essential vitamins such as vitamin A, B1, B2, B3, B9, C, E, K and provitamin A.

PRODUCT PRESENTATION

- Cardboard boxes 1.2 kilos net.
- 180 to 240 boxes per pallet.
- 20 to 22 pallets per container.

CERTIFICATIONS

GLOBALG.A.P.

MAIN DESTINATIONS

USA, Canada, Malaysia, Netherlands, Philippines

FRUIT PULPS

TARIFF CODE: 081190

CHARACTERISTICS

•Made with 100% real fruit Pulps.

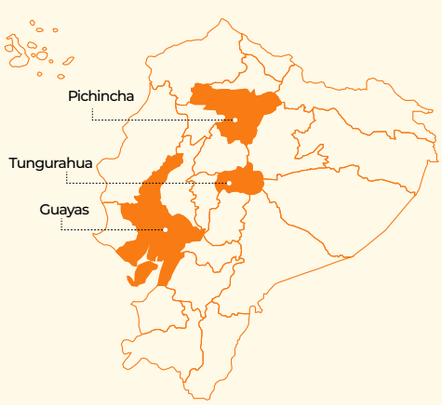
•Fruit pulp is an essential ingredient in the manufacturing of beverages and fruit-related products. It's used in beverages, the dairy industry, ice cream, yogurts, jams, confectionaries, bakery items.

•It can be processed and stored for long periods of time without losing their colour, flavour or texture.

More Than 15 Flavors:

- Passionfruit
- Soursoap
- Soursoap with speck
- Blackberry
- Strawberry
- Pineapple
- Mango
- Lulo
- Tamarind
- Tamarillo
- Coconut
- Papaya
- Lemon
- Melon
- Guava
- Dragon Fruit

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

The sector produces an average of **3.405 thousands tons** of pulps fruits.

RELEVANT DATA

•Fruits grown in Ecuador have excellent quality due to the country´s geographical location.

•Innovation in agro-industrial production processes.

PRODUCT PRESENTATION

PRESENTATIONS:
100 gr / 250 gr / 397 gr / 600 gr / 18 kg

DISTRIBUTION CHANNEL:
Retail, HORECA, Industrial

STORAGE:
Frozen - 18°C

CERTIFICATIONS

USDA ORGANIC · HACCP · BASC · FSSC 22000

MAIN DESTINATIONS

USA · Spain · Chile · Netherlands · Portugal

COCOA BEANS

SCIENTIFIC NAME: THEOBROMA CACAO
TARIFF CODE: 1801.00

VARIETIES

Fine Aroma Cocoa, also known as National, whose characteristic color is yellow, has a unique aroma and flavor and is the basic raw material for producing gourmet chocolates that are highly valued worldwide.

CCN-51 Cocoa, also known as Colección Castro Naranjal, whose characteristic color is red, is recognized for its high yield for the extraction of semi-finished products, which are essential ingredients for producing chocolates on a large scale.

CHARACTERISTICS

Cocoa is a tropical fruit. Trees have small flowers and long petals, and the fruit is elongated. Depending on the variety, pods can be yellow, red or green. Inside, the cocoa beans are covered by a sugar-rich white pulp that is used to make juice. The beans are processed to produce nibs, liquor, butter, powder, coating and chocolate.

Cocoa beans are native to the tropical regions of the Americas. In Ecuador, cocoa was first grown in the Amazonian heartland, and it is considered that due to the climatic conditions of the coastal areas, genetic evolution took place that produced a bean of unique aroma and flavor, which is currently recognized worldwide.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

Ecuador is the **third largest cocoa´s producer** in the world. Approximately **600,000 ha.** are under cultivation, making it the largest crop in the country. Production capacity is currently **360 thousand tons.**

RELEVANT DATA

During archaeological research, traces of cocoa were discovered in the Amazon jungle in vessels dating back more than **5,000 years,** showing that chocolate originated in Ecuador.

PRODUCT PRESENTATION

Cocoa beans are exported in 69 kg burlap, cabuya or polypropylene sacks.

CERTIFICATIONS

GLOBALG.A.P. · BASC · FAIRTRADE · USDA ORGANIC · Rainforest Alliance

MAIN DESTINATIONS

Malaysia · USA · Indonesia · Netherlands · Mexico

CHOCOLATE

TARIFF CODE: 1806.32

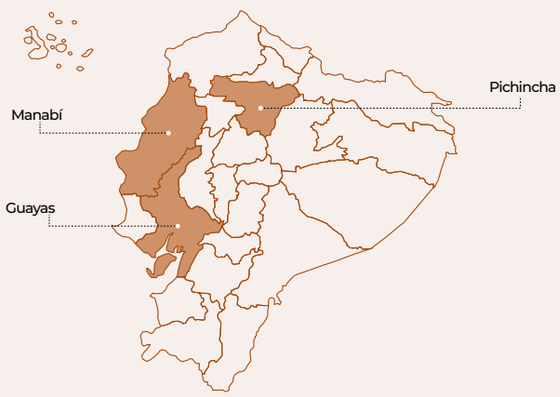
VARIETIES

Ecuadorian industry produces chocolate with different percentages of cocoa: 55%, 70%, 75%, 80% and 100%, with ingredients such as nuts, dried fruit and superfoods. For mass market consumption chocolate made with milk and sugar.

CHARACTERISTICS

Ecuadorian chocolate made from Nacional and/or CCN-51 offers floral and fruity flavors that are unique in the world. The industry is configurable and can develop new products in accordance with the technical specifications of consumers in the international market.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

Ecuador exports around **1.761 tons** of chocolate, including chocolate bars with a varied cocoa content and dried or dehydrated fruit, coatings, drops and chocolates.

Ecuador's chocolate industry operates with private labels and with its own brands.

DATOS RELEVANTES

•The consumption of dark chocolate reduces stress levels and aggressiveness, thanks to the production of endorphins that give the body a sense of well-being.

•Chocolate mixed with fruit multiplies the health benefits and provides a quick source of energy.

PRODUCT PRESENTATION

•Individual 35, 50, 70 and 80 gr. bars.

CERTIFICATIONS

USDA ORGANIC · FAIRTRADE · BASC · Rainforest Alliance

MAIN DESTINATIONS

USA · Colombia · Chile · Argentina · Mexico

GREEN COFFEE

SCIENTIFIC NAME: COFFEA ARABICA (ARABICA COFFEE PLANT), COFFEA CANEPHORA (ROBUSTA COFFEE PLANT)

TARIFF CODE: 0901.11

VARIETIES

·Arabica coffee

·Robusta coffee

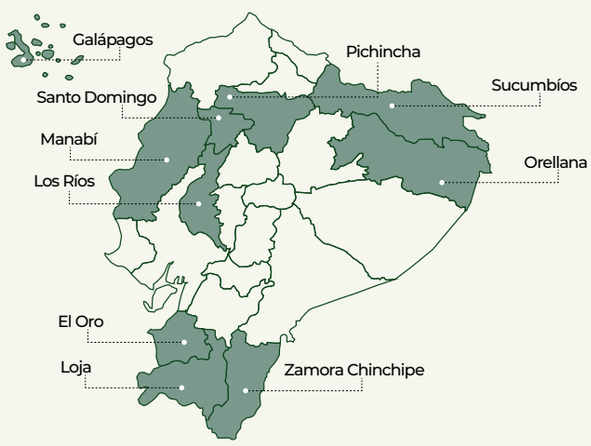
CHARACTERISTICS

·It is one of the best coffees produced in South America.

·Harvesting takes place manually to ensure product quality and good agricultural practices.

·Mixed planting is used in plantations with fruit trees, rainforests and conservation areas, which ensures environmental protection.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

Ecuador produces approximately 30,000 hectares of coffee, consisting of both robusta and arabica varieties, with a total production of around 200,000 60-kilogram sacks of coffee. Of this total, 65% is arabica and 35% is robusta.

RELEVANT DATA

•Various ecosystems permit coffee to be grown throughout the country, and even in the Galapagos Islands.

•Specialty coffee has achieved scores above 91 points on the SCA scale in cupping events.

•The origin denominations "Lojano Café de origen" and "Café de Galapagos" protect the identity and quality of the coffee for better marketing.

PRODUCT PRESENTATION

·20' Containers - 250 to 275 60kg bags 15 tons.

·40' Containers - 300 to 350 60kg bags 18 tons.

·Temperature 20 °C (Average).

CERTIFICATIONS

MAIN DESTINATIONS

Colombia

USA

France

Germany

Japan

ROASTED COFFEE

TARIFF CODE: 0901.21.10.00 / 0901.21.20.00

VARIETIES

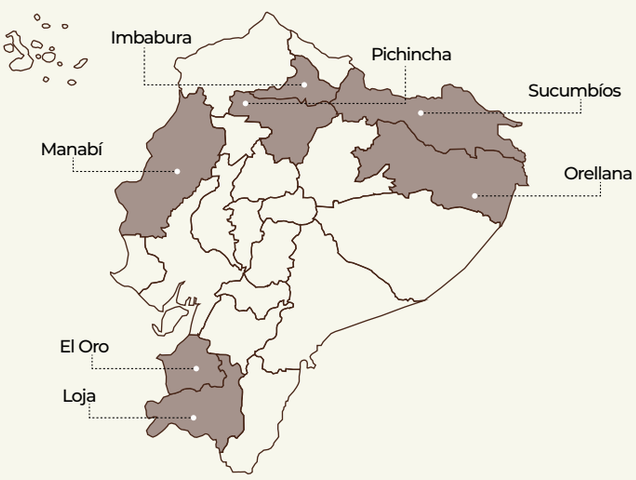
•Roasted coffee beans
•Roasted ground coffee

CHARACTERISTICS

•The aroma and special flavor of roasted coffee originate from the caramelization of sugars and acids.

•Ecuadorian roasted coffee is processed in small batches to guarantee quality control, as well as an excellent aroma and flavor.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

•Ecuador produces approximately 30,000 hectares of coffee, consisting of both robusta and arabica varieties, with a total production of around 200,000 60-kilogram sacks of coffee. Of this total, 65% is arabica and 35% is robusta.

RELEVANT DATA

•Due to geographical conditions and the varieties of coffee produced in the country, we can obtain different organoleptic coffee profiles.

•Product traceability and knowledge of its history.

PRODUCT PRESENTATION

Trilaminate packaging with vacuum valve, flow packs, doy packs, pods (pressed on filter paper and packed in aluminum sachets with a modified atmosphere).

•Presentations: 200gr, 250gr, 350gr, 400gr, 500gr and 2500gr.
•Boxes of 9, 12, 24 and 50 units.
•To ensure that the product is not damaged, it should be stored at an average temperature of 20 ˚C.

CERTIFICATIONS

MAIN DESTINATIONS

Chile
USA
Liechtenstein
France
China

INSTANT COFFEE

COFFEE EXTRACTS, ESSENCES AND CONCENTRATES:
TARIFF CODE: 2101.11

PREPARATIONS BASED ON EXTRACTS, ESSENCES OR CONCENTRATES OR BASED ON COFFEE:
TARIFF CODE: 2101.12

VARIETIES

Agglomerated

Freeze-dried

Atomized

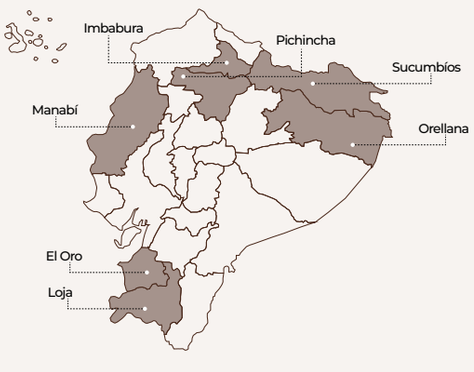
Decaffeinated

CHARACTERISTICS

·The most popular coffee variety for this type of production is Robusta coffee.

·Innovation in production processes to make industrialized coffee, obtaining different varieties.

GEOGRAPHICAL DISTRIBUTION



RELEVANT DATA

•Ecuador has the most advanced industry of soluble and freeze-dried coffee in the region.

•The industrial sector has the necessary knowledge, labor and machinery to compete and remain in the international market.

PRODUCT PRESENTATION

·25kg boxes

·Bulk: double polyethylene bags in cardboard boxes.

·20' containers/261 boxes = 6,525 kg

·40' containers/542 to 680 boxes = 16,320 kg.

CERTIFICATIONS

MAIN DESTINATIONS

Germany

Russia

Poland

Peru

Colombia

GUAYUSA

SCIENTIFIC NAME: ILEX GUAYUSA
TARIFF CODE: 0903.00

VARIETIES

•Traditional Guayusa
•Green Guayusa

CHARACTERISTICS

It is a tree species of the holly genus that is native to the Amazon rainforest. It is consumed as tea and is considered a natural source of energy. Ecuador is the largest producer of guayusa in the world, which is marketed in various forms, including guayusa leaf, guayusa extract, beverages and other presentations. Guayusa leaf comes in loose or powdered form and guayusa extract is sold in liquid or powdered form.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

The main guayusa growing area is the Amazon region in Napo, Orellana and Pastaza, with minimal production in other areas.

RELEVANT DATA

•**95% of the world's guayusa** comes from Ecuador.

•**It contains phenolic and flavonoid** compounds that prevent cell damage from oxidative stress, as well as guanidine, which can reduce blood sugar levels.

PRODUCT PRESENTATION

•Box of tea bags
•Bag of dried leaves
•Tin with dried leaves
•Extracts
•Drinks
•Bulk leaves.

CERTIFICATIONS

USDA ORGANIC
FAIRTRADE
HACCP CERTIFIED
BPM

MAIN DESTINATIONS

USA
Bharat
Netherlands
France
Canada
Germany

TARO

SCIENTIFIC NAME: XANTHIOSOMA SAGITTIFOLIUM
TARIFF CODE: 0714.50

VARIETIES

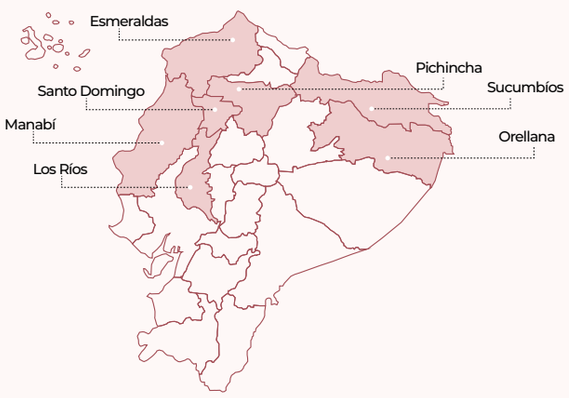
·BLANCA XANTHOSOMA

·LILIA COLACASIA

CHARACTERISTICS

Ecuadorian taro has distinctive characteristics due to climatic conditions that promote quality products with high nutritional value, because it is produced in a free synthetic fertilizers and agrochemicals environment.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

It is a short-cycle tuber that is planted and harvested throughout the year.

Approximately **5,000** hectares are planted, of which an estimated 95% is for export; the remaining 5% is for local consumption and/or processing of taro by products. Installed processing and exporting capacity is estimated at approximately **10,000** metric tons per year.

RELEVANT DATA

•It is a short cycle crop and can be grown all year round.

•Taro provides nutrients, carbohydrates, proteins and contains large amounts of dietary fiber, which helps to regulate and accelerate the digestive process and lower cholesterol.

PRODUCT PRESENTATION

•10 to 20 kg cardboard boxes or depending on the customer's requirements.

•40-foot Reefer High Cube palletized containers.

CERTIFICATIONS

GLOBALG.A.P.

MAIN DESTINATIONS

USA

Puerto Rico

QUINOA

SCIENTIFIC NAME: CHENOPODIUM QUINOA WILLD
TARIFF CODE: 1008.50

VARIETIES

•Tunkahuan (sweet, low saponin)

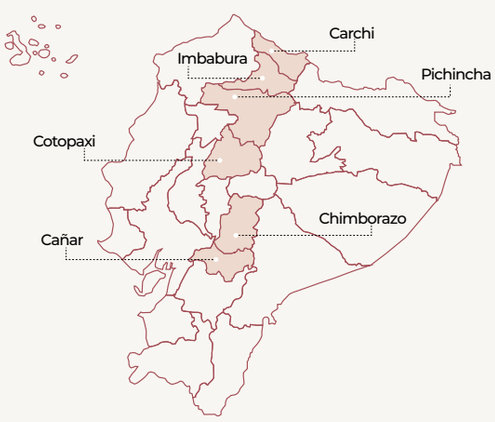
•Pata de Venado (sweet, low saponin, organic)

CHARACTERISTICS

Ecuadorian quinoa has certain unique organoleptic and nutritional properties compared to quinoa produced in other markets; it has excellent quality due to its geographical location in the inter-Andean region and a distinctive golden color, so it is known as "golden quinoa."

Ecuadorian quinoa is grown in the inter-Andean valleys using a completely different process as the grain is only lightly polished, so it maintains its organoleptic characteristics, ensuring that the industrial process is much more environmentally friendly and lower cost.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

The sector has installed industrial capacity to process and export approximately **8,500 MT** of conventional and organic quinoa annually, which is produced in the inter-Andean provinces at altitudes of 2,500 to 3,800 meters above sea level.

RELEVANT DATA

•Quinoa is valued as the only food of vegetable origin that has all the essential amino acids, trace elements, vitamins and does not contain gluten. This product is a great source of calcium, iron and vitamin B.

•Ecuador's geographic location helps enhance the characteristics of quinoa.

PRODUCT PRESENTATION

•Ecuador exports bulk quinoa and value-added products such as flakes, pastas, snacks, compotes, pops, quinoto, quinoa-based beverages, and others.

•In bulk in polypropylene or kraft paper bags of 12 kg, 25 kg, 50 kg and retail packaging in cardboard boxes and 250gr bags, or as required by the customer, in 20-40 feet containers.

CERTIFICATIONS

USDA ORGANIC · BRC FOOD · HACCP · BPM · K · FAIRTRADE

MAIN DESTINATIONS

Israel · Canada · European Union · USA · UK

CANNED PALM HEARTS

SCIENTIFIC NAME: BACTRIS GASIPAES
TARIFF CODE: 2008.91

VARIETIES

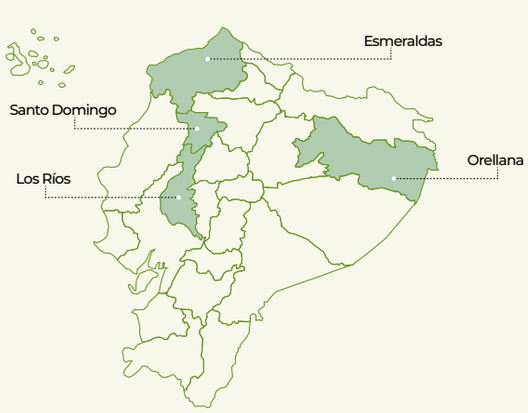
•There are two varieties of palm hearts: with thorns and without thorns.

CHARACTERISTICS

Ecuadorian palm hearts are characterized by their soft, flexible texture, pearl white color and pleasant flavor. They are exported whole and as canned pieces and slices to preserve the properties of the product. Palm hearts are highly sought after in the world's most demanding markets and gourmet restaurants.

The agri-environmental conditions of tropical growing areas, such as stable light, humidity and temperature, regular rainfall throughout the year and optimal irrigation and soil conditions, result in a uniform product with important flavor and consistency characteristics.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

Ecuador's installed industrial processing and export capacity is approximately **30,000 MT** per year for whole palm hearts, chunks, pasta and canned slices.

RELEVANT DATA

•It has a more compact and pleasant texture.

•The product is harvested with the highest standards of sustainable management and following strict processes to prevent environmental damage.

PRODUCT PRESENTATION

•Spaghetti and palm heart pasta
•Whole, chunks and slices of canned palm hearts.

CERTIFICATIONS

BPM, HACCP CERTIFIED, BRC FOOD CERTIFICATION, K, IFS International Featured Standards, ISO 22000

MAIN DESTINATIONS

USA, France, Chile, Argentina, Canada, Israel

PANELA

SCIENTIFIC NAME: SACCHARUM OFFICINARUM L (SUGARCANE)
TARIFF CODE: 1701.13 – 1701.14

VARIETIES

•Granulated and fine grain, both conventional and organic.

CHARACTERISTICS

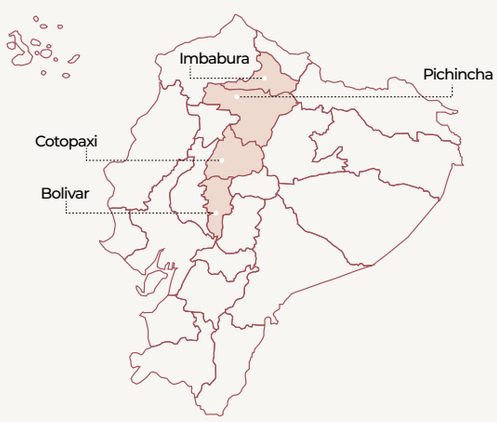
•Panela is obtained from sugar cane juice and does not go through chemical processes.

•It's a source of vitamins and minerals.

•Panela also known by other names, such as rapadura, papelón, raspadura, piloncillo, chancaca, atado dulce, etc.

•It is used as a sweetener in beverage, desserts and traditional sweets.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

The sector produces an average of **1.820 tons of panela.**

RELEVANT DATA

•Availability and production throughout the year.

•Innovation in agro-industrial production processes.

PRODUCT PRESENTATION

PACKAGING:
Plastic bag in box.

PRESENTATIONS:
25° gr. 400 gr. / 1 kg. / 10 kg. / 25 kg (granulated).

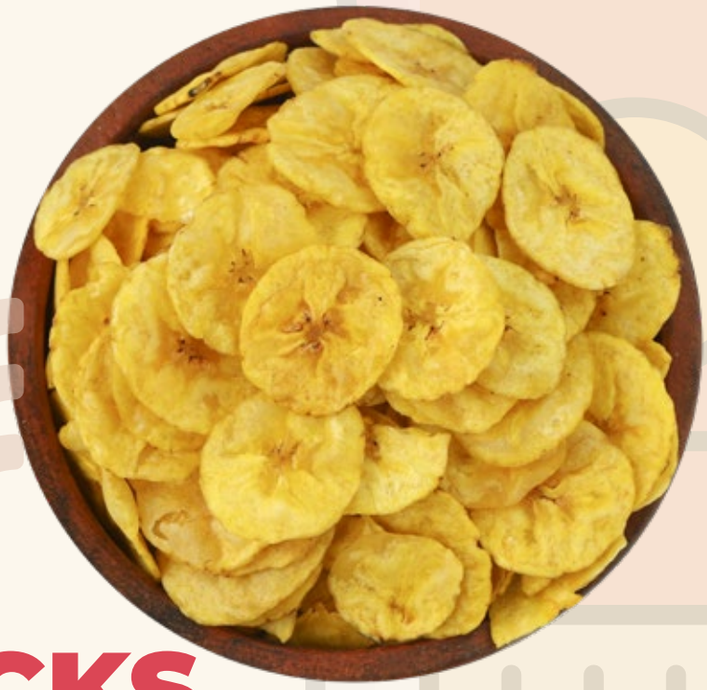
DISTRIBUTION CHANNEL:
Retail, HORECA, Industrial, Food Service .

CERTIFICATIONS

USDA ORGANIC · HACCP · BASC · FSSC 22000

MAIN DESTINATIONS

Italy · Spain · Germany · France · Netherlands



SNACKS

SCIENTIFIC NAME: 2008.99

VARIETIES

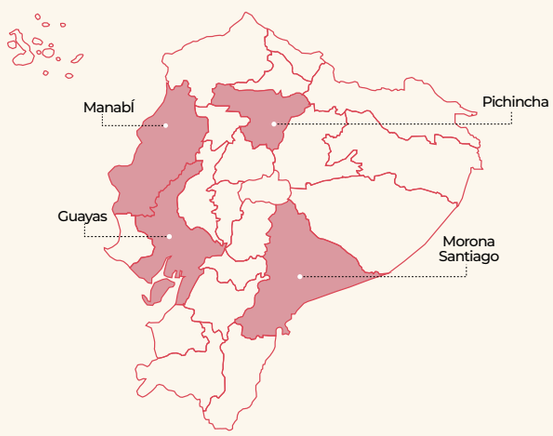
Ecuadorian snacks are mainly made with green plantains, ripe plantains, cassava, taro, native Andean potatoes, sweet potatoes, beets, and other vegetables.

CHARACTERISTICS

Snacks exporters have innovated the snacks production process. Most exporting companies in this segment have internationally recognized quality certifications, which allow products to enter the world market.

Our exporters market snacks worldwide under their own brands and under private labels.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

The sector produces an average of approximately **20,000** tons of snacks.

RELEVANT DATA

•Products harvested in Ecuador are of excellent quality due to the country's geographical location.

•Innovation in agro-industrial production processes.

PRODUCT PRESENTATION

As there are several exporting companies and different markets, packaging is in accordance with the buyers' requirements; however, the most common presentations for export are the following:

•Snacks with salt
•Mixed vegetable snacks
•Spicy snacks.

CERTIFICATIONS

MAIN DESTINATIONS

USA

Puerto Rico

Spain

OAT SMOTHIE

WITH FRUIT EXTRACT

TARIFF CODE: 2202.90

CHARACTERISTICS

•Oat smothie with fruit extract.

•Not milk content.

•Flavors: Lulo and passion fruit. / Mango and passion fruit.

•Mid-morning snack, for physical and mental exhaustion.

•Afternoon snack, to recharge natural and healthy energy.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

•The sector produces an average of **3.034 tons** of oat smothie with fruit extract.

DATOS RELEVANTES

•Fruits grown in Ecuador have excellent quality due to the country´s geographical location.

•Innovation in agro-industrial production processes.

•Oat drink with a high fiber and carbohydrate content for long-lasting energy.

PRODUCT PRESENTATION

PACKAGING: Tetrapack

STORAGE: Shelf Stable

UNIT PER CASE: 12 y 24 units

DISTRIBUTION CHANNEL:
Retail, Food Service

CERTIFICATIONS

ISO 14001 · ISO 9001:2008 SGS · BASC · FSSC 22000

MAIN DESTINATIONS

USA

Peru

Colombia

CANNED TUNA

SCIENTIFIC NAME: KATSUWONUS PELAMIS (SKIPJACK), THUNNUS OBESUS (BIGEYE) Y THUNNUS ALBACARES (YELLOWFIN).

TARIFF CODE: 1604.14 / 1604.20

VARIETIES

SKIPJACK (BARRILETE), BIGEYE (PATUDO) Y YELLOWFIN (ALETA AMARILLA).

CHARACTERISTICS

Ecuadorian tuna is one of the most popular products in the international market, as it is rich in protein, Omega 3, Vitamins A, B12, D, Calcium, Zinc and other nutrients that lead consumers prefer it over beef, pork and chicken.

Ecuador's tuna industry is environmentally responsible and complies with the 72-day annual ban imposed by the Inter-American Tropical Tuna Commission - IATTC; however, due to the large storage capacity of its factories, processing can continue all year round.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

Ecuador has a production capacity of 500,000 tons per year, with Skipjack, Yellowfin and Bigeye being the main species caught.

RELEVANT DATA

•Ecuador is the second largest exporter of canned tuna in the world and has the second largest tuna fleet in the Eastern Pacific Ocean.

PRODUCT PRESENTATION

Canned:
•Solid, chunks, and chopped
•Net weight: 80, 140, 142, 170, 180, 195, 354, 950, 1000, 1850 or 1880 gr.
•Boxes of 24, 36 or 48 units
•Contains: water or vegetable oil

Pouch:
•Solid, chunks
•Net weight: 85, 200, 315, 500, 650, 1000, 1950, 3000 or 6000 grams
•Boxes of 2, 5, 12, 16, 24 or 48 units
•Contains water or vegetable oil

Precooked loins:
•5kg to 7.5kg presentation, vacuum-sealed

Tuna with added value:
•Gourmet tuna
•Canned tuna with vegetables
•Tuna meatballs in different sauces
•Tuna burgers
•Tuna salads
•Tuna soups
•Tuna Nuggets

CERTIFICATIONS

MAIN DESTINATIONS

USA
Spain
Colombia
Italia
UK

SHRIMP

SCIENTIFIC NAME: PENAEUS VANNAMEI
TARIFF CODE: 0306.17 / 0306.16

VARIETIES

Pond shrimp and sea shrimp.

CHARACTERISTICS

Ecuador is a pioneer in shrimp farming in the Americas, and the shrimp production sector is one of its most dynamic industries. The product has excellent flavor, quality and texture that lead it to be recognized as the best shrimp in the world.

Shrimp is an important source of protein, Omega-3, Vitamin B12, D, E, and low in fat and calories. Due to the way it is farmed, Ecuadorian shrimp is free of chemicals and antibiotics.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

Ecuador has more than 200 thousand hectares of shrimp farms.

The species grown in Ecuador is Penaeus Vannamei, which is the most popular and is marketed worldwide.

Ecuadorian shrimp production includes value-added products and certifications that guarantee the quality of our shrimp.

RELEVANT DATA

- Highly developed in aquaculture research.
- Shrimp is Ecuador's main non-oil export product.
- Ecuador's favorable climatic allows shrimp to be harvested throughout the year.

PRODUCT PRESENTATION

Raw and cooked:
- Whole (HOSO)
- Tails (HLSO, P&D, PUD, PPV, EZ PEEL)

Block or IQF Presentation:
- 1kg, 2kg, 4lb, 5lb blocks.
- 1kg, 2kg, 5kg, 6kg, 4lb, 5lb IQF bags.

Sizes:

Whole:

30/40 | 40/50 | 50/60 | 60/70 | 70/80 | 80/100 | 100/120

Tails:

21/25 | 26/30 | 31/35 | 36/40 | 41/50 | 51/60 | 61/70 | 71/90

CERTIFICATIONS

MAIN DESTINATIONS

China | USA | European Union

FROZEN FISHING

NOMBRE CIENTÍFICO: KATSUWONUS PELAMIS (SKIPJACK), CORYPHAENA HIPPURUS (MAHI MAHI, DORADO), MERLUCCIUS GAYI (HAKE SPECIES IN ECUADOR)

TARIFF CODE: 0303 and 0304

VARIETIES

SKIPJACK (BARRILETE), MAHI MAHI (DORADO), MERLUCCIUS GAYI (HAKE)

CHARACTERISTICS

Due to the convergence of ocean currents and its strategic geographical location, Ecuador offers a wide variety of marine fish species, such as tuna, mahi-mahi, hakes, mackerels, swordfish, among others.

Among the export products are those generated from white, fresh, and frozen fishing.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

•Seafood products for export available year-round.

•Production capacity may vary due to fishing bans or climatic factors.

RELEVANT DATA

•The fishing sector significantly contributes to the country's economic and social development, being an important source of employment.

•Fishing is regulated and controlled by national authorities, with closed seasons to conserve the sustainability of marine resources.

PRODUCT PRESENTATION

SKIPJACK TUNA in IPF Poly bags
•WHOLE, LOINS, OR FILLETS
Weight: 1 – 2 kg, 2 – 4 kg, 4 – 6 kg
Availability: Year-round

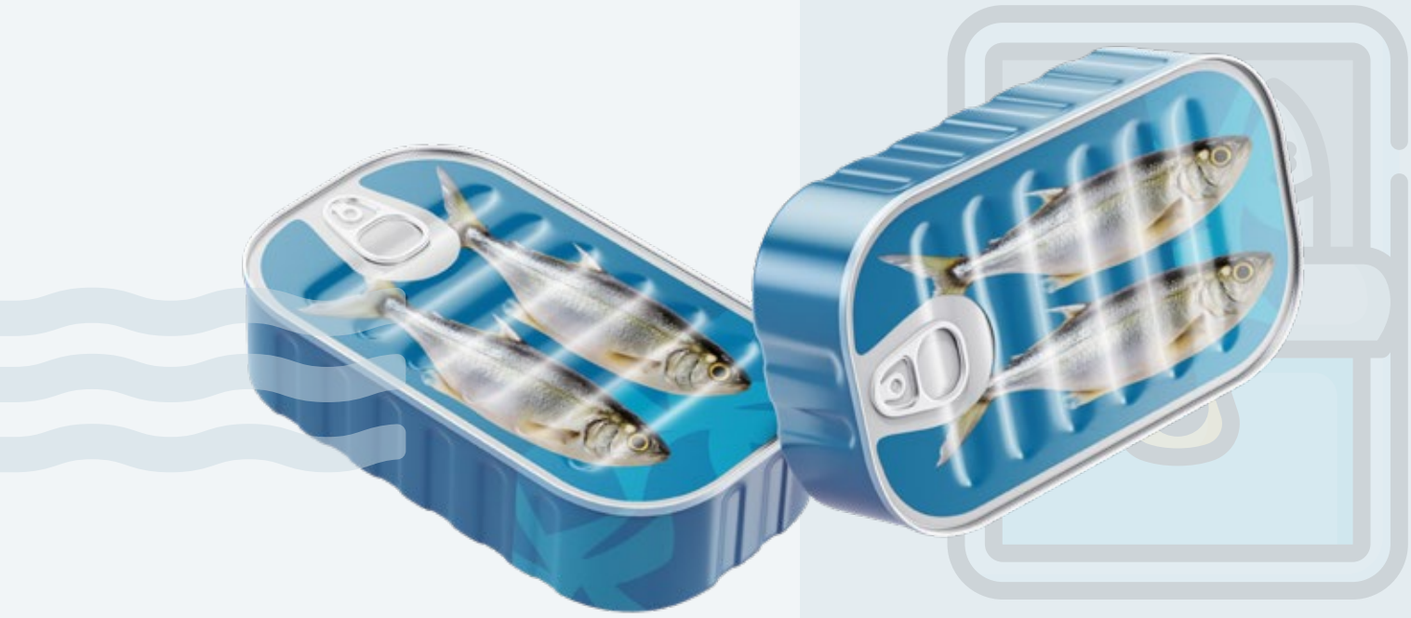
MAHI MAHI in IPF Poly bags
•WHOLE, LOINS, OR FILLETS
Fillet sizes: 1-3 / 3-5 / 5-7 / 7 up lbs.
Portions: 6-8-10-12 oz
Master carton: 10 – 50 lbs
Season: December - April

HAKE
•WHOLE / HGT / HG / FILLETS WITH SKIN
Sizes: 80-200 / 200-300 / 300-500 / 500-700 / 700 grs Up
Packaging: IQF / Block 10 kg / Bulk 15 kg / Retail
Season: Year-round except October and November.

CERTIFICATIONS

MAIN DESTINATIONS

USA
Portugal
Spain
Ivory Coast
Costa Rica



SARDINES

SCIENTIFIC NAME: SARDINA PILCHARDUS, PINCHAGUA (OPISTHONEMA LIBERTATE)

TARIFF CODE: 1604.13

VARIETIES

SARDINA PILCHARDUS, PINCHAGUA (OPISTHONEMA LIBERTATE)

CHARACTERISTICS

Ecuador is one of the main producers of canned sardines in the world. The canned sardine industry developed in the country alongside tuna fishing activities. Ecuadorian sardines are considered superior to those of other countries due to the convergence of two marine currents, a phenomenon present in this part of South America, resulting in better consistency, color, and flavor of its flesh. Sardines are a good source of Omega-3, which helps reduce cholesterol and triglyceride levels. They have high protein content, and are rich in phosphorus, magnesium, potassium, iron, zinc, and iodine. They also contain B-group vitamins such as B12, B1 (thiamine), and niacin, as well as fat-soluble vitamins A, D, and E. Ecuador's sardine industry is environmentally responsible and adheres to the annual ban established for small pelagic fish.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

It is estimated that Ecuador has a production capacity of approximately 40,000 tons per year. Its main products include sardines in tomato sauce, sardines in oil, and sardines in water. In 2023, Ecuador exported 18.395 tons.

RELEVANT DATA

•Ecuador is the seventh largest exporter of canned sardines in the world, complemented by the second largest tuna fleet in the Eastern Pacific Ocean.

PRODUCT PRESENTATION

Canned: sardines without tail and head:
•Oval: 425g, 225g
•Tall: 425g
•Tinapa: 155g, 256g
•Club: 125g
•Round: 170g, 1000g Contents: Tomato sauce; vegetable oil; sunflower oil; olive oil; and water and salt.

CERTIFICATIONS

MAIN DESTINATIONS

Mexico
USA
Colombia
Venezuela
Chile

ROSES

SCIENTIFIC NAME: ROSA
TARIFF CODE: 0603.11.00

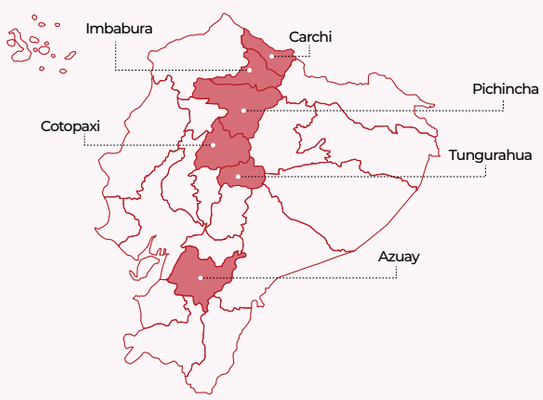
VARIETIES

There are more than 200 varieties of roses in Ecuador.

CHARACTERISTICS

In the middle of the world, 2,000 meters above sea level and on the slopes of imposing volcanoes, grow the most sought-after flowers on earth: Ecuadorian roses. They are the most beautiful due to their intense color, bud size, perpendicular stems and long vase life (15 days on average).

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

Ecuador has approximately 4144 hectares of roses.

RELEVANT DATA

•Ecuador, specifically the inter-Andean region, is favored by nature and provides ideal conditions for growing the most beautiful roses in the world.

•It is possible to produce flowers all year round.

•The quality of Ecuadorian roses is recognized internationally, and are considered by importers to be the best flowers in the world.

PRODUCT PRESENTATION

•Corrugated cardboard boxes with 25 stems.
•Packed in boxes of different sizes: Full Box (FB) 500 - 600 stems, Half Box (HB) 250 - 300 stems, and Quarter Box (QB) 100 stems.
•Air transport in palletized boxes
•Product storage temperature is 2° to 4° C.

CERTIFICATIONS

GLOBALG.A.P. · BAC · veriflora · FAIRTRADE · FLOR ECUADOR · Rainforest Alliance

MAIN DESTINATIONS

Belarus · USA · Italy · Netherlands · Russia

GYPSOPHILA

SCIENTIFIC NAME: GYPSOPHILA PANICULATA
TARIFF CODE: 0603.19.10

VARIETIES

•There are 15 varieties of Gypsophila, the main ones being: **Xlence and Million stars.**

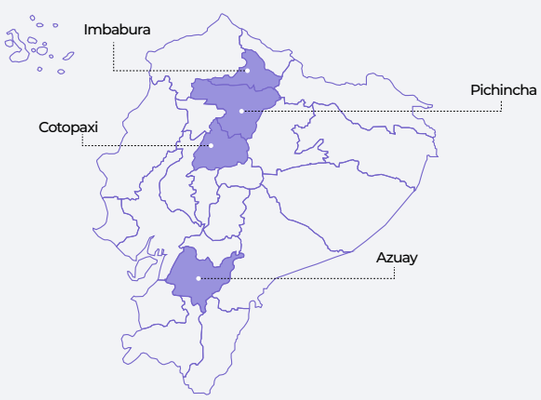
•Its **natural colors are white and pink** with various shades; there are also dyed and preserved flowers.

CHARACTERISTICS

Due to its geographic location, it gets favorable temperatures for growth (10 to 25 degrees Celsius). The result is flowers with stems 80 to 90 cm long and splendid flowers.

An important feature of the production process is that the flowers are cut while still closed, and they then complete their opening phase in a greenhouse. This helps maintain their vitality.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

There are approximately **259 ha.** of gypsophila in Ecuador.

RELEVANT DATA

•Ecuador has the **largest number of hectares** of gypsophila production in the world, which produces throughout the year because of its exposure to sunlight 12 hours a day all year round.

•Ecuadorian Gypsophila is distinguished from that of other countries by **its high quality, bud size and intense color.**

PRODUCT PRESENTATION

•Packed in newspaper or plastic sleeves, the number of stems varies according to the customer's order (by weight or number of stems). Full Box (FB) 500 - 600 stems, Half Box (HB) 250 - 300 stems, and Quarter Box (QB) 100 stems.

•Gypsophila should be stored at 2° to 4°C.

•Air freight in palletized boxes.

CERTIFICATIONS

GLOBALG.A.P. BASC Veriflora FAIRTRADE FLOR ECUADOR Rainforest Alliance

MAIN DESTINATIONS

USA, Netherlands, Spain, Kuwait, El Salvador

CARNATIONS

SCIENTIFIC NAME: DIANTHUS CARYOPHYLLUS
TARIFF CODE: 0603.12

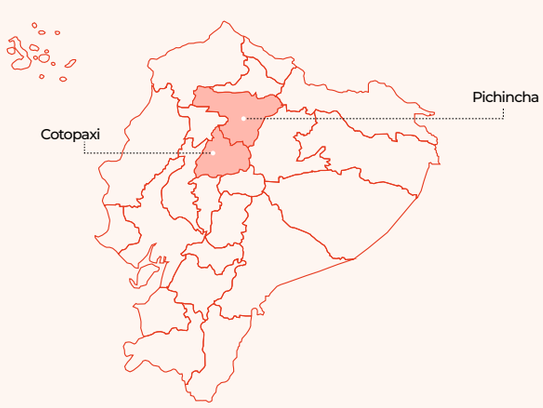
VARIETIES/COLORS

Carnation varieties grown in Ecuador include Norla Barlo, Charmeur, Dark Organe Telster and Dallas, with standard and miniature bud size. The most common colors are red, pink, white, salmon, yellow and two tone.

CHARACTERISTICS

Ecuadorian carnations are in great demand worldwide for their high quality, varieties, colors, vertical stems, standard and miniature size buds; open flowers can live 2 to 4 weeks, while flower buds can last 4 or 5 weeks in a vase. They should be cut daily for post-harvest processing, sorting and packing.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

There are approximately 140 ha. of carnations in Ecuador.

RELEVANT DATA

•They usually have a strong fragrance.

•They are produced throughout the year. Most plantations are located over 2,000 meters above sea level, with temperatures of 14°C and sunlight 12 hours a day.

PRODUCT PRESENTATION

•Packed in newspaper or plastic sleeves, the number of stems varies according to the customer's order (by weight or number of stems). Packed in boxes of different sizes (HB, QB).

•Carnations should be stored at 2° to 4°C.

•Air freight in palletized boxes.

CERTIFICATIONS

GLOBALG.A.P. BASC verifloraa FAIRTRADE FLOR ECUADOR Rainforest Alliance

MAIN DESTINATIONS

USA Japan Kazakhstan Netherlands Uruguay

ALSTROEMERIA

SCIENTIFIC NAME: ALSTROEMERIA AURANTIACA
TARIFF CODE: 06031930

VARIETIES AND COLORS

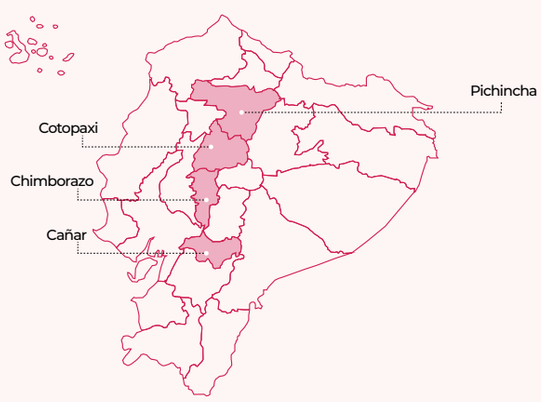
There are more than 50 varieties of Alstroemerias that produce a diversity of colors, including white, gold, yellow, orange, pink, apricot, red, purple, violet, lavender.

CHARACTERISTICS

A genus from South America found mainly in cool, mountainous regions of the Andes and characterized by the tones and contrasting color in its petals, it has a vase life of about two weeks. It should be cut daily for post-harvest processing, sorting and packaging.

Most plantations are located at over 2,000 meters above sea level with temperatures of 14°C.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

Production varies according to the size of the farm. There are about 300 ha. of alstroemerias in the country.

RELEVANT DATA

•Proximity to the sun, exposure to sunlight 12 hours a day and the climate where the Alstroemerias are grown, causes **the stems grow vertically as well as bright and intense colors.**

PRODUCT PRESENTATION

•Packed in newspaper or plastic sleeves, the number of stems varies according to the customer's order (by weight or number of stems). Packed in boxes of different sizes (HB, QB).

•Air freight in palletized boxes

•Alstroemeria should be stored at 2° to 4°C.

CERTIFICATIONS

GLOBALG.A.P. · BASC · Veriflora · FAIRTRADE · Flor Ecuador · Rainforest Alliance

MAIN DESTINATIONS

USA · Netherlands · Spain · Kuwait · El Salvador

ETERNAL FLOWERS

VARIETIES AND COLORS: 0603.90

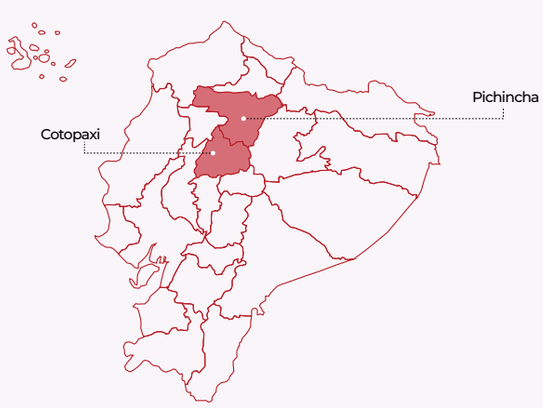
VARIETIES AND COLORS

Available in different shapes, sizes and colors, the finishes include satin, metallic, colors of the flags of different countries, heart-shaped, and others.

CHARACTERISTICS

Preserved flowers undergo a preservation process that maintains the characteristics of natural flowers intact; for example, they are soft to the touch. They do not need to be cared for like fresh flowers, but they should be protected from water, direct light and excessive temperatures, and dusting should be done gently.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

The estimated production of preserved flowers nationally is approximately 3,500,000 blossoms per month.

RELEVANT DATA

•There is a trend toward making bridal bouquets with preserved flowers to have them as decorations that last at least one year.

•Raw materials (natural flowers) are very important as the basis of preserved flower quality.

PRODUCT PRESENTATION

·Individual boxes, 6-unit boxes, 12-unit boxes, bulk 30-unit boxes.

·Arrangements, and others

CERTIFICATIONS

BASC — Business Alliance for Secure Commerce

Rainforest Alliance

FAIRTRADE

Certified Nº Rose — Flor Ecuador

MAIN DESTINATIONS

Spain

USA

Italy

Japan

Netherlands

FINISHED WOOD PRODUCTS

TARIFF CODE: 4409.22 / 4409.29

PRINCIPAL PRODUCTS

·Bamboo and tropical wood cladding.
·Solid and engineered tropical wood and bamboo flooring.
·Door and window frames.
·Different types of doors.
·Moldings

CHARACTERISTICS

·These products are made from tropical woods, such as bamboo and/or wood boards, ensuring high quality, durability and attractive finishes.

·They give character and identity to real estate projects (buildings, hotels, housing developments, houses, and others).

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

Exportable production of 55 tons by year.

RELEVANT DATA

•Very nature characteristic of wood makes warm and cozy environments. These products are highly demanded on markets where construction is greater. Ecuadorian offer meet, all consumer requirements.

PRODUCT PRESENTATION

·The product is packed in cardboard and stretch film, according to the product.
·Dry cargo.

CERTIFICATIONS

ISO 9001

MAIN DESTINATIONS

Puerto Rico

Dominican Republic

FURNITURE

TARIFF CODE: 9401.61 / 9401.69 / 9401.50 / 9401.51 / 9401.52 / 9401.53 / 9401.59 / 9401.40 / 9403.30 / 9403.40 / 9403.50 / 9403.60 / 9403.80 / 9403.81 / 9403.82 / 9403.83 / 9403.89 / 9403.90

PRINCIPAL PRODUCTS

- Home furnishings (bedrooms, living room, dining room)
- Kitchen, closets, bathrooms
- Office furniture
- RTA furniture
- Garden / outdoor furniture
- Special carpentry for construction projects

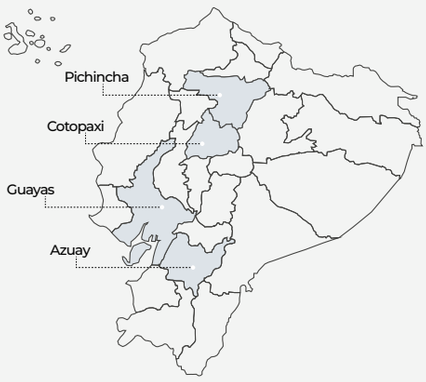
CHARACTERISTICS

- Solid wood of legal origin and wood panels are used in furniture sector.

- Companies have specific designs that can be ordered by international buyers.

- Product design depends on the customer's requirements.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

One of the major advantages is that the production of these items is artisanal or industrialized to satisfy the customer's requirements.

Export production 1700 tons per year.

RELEVANT DATA

- The wide diversity of wood and the craftsmanship tradition that characterizes the Ecuadorian furniture sector have lead our products to stand out in the international market.

PRODUCT PRESENTATION

- The product is packed in cardboard and stretch film.

- Dry cargo

CERTIFICATIONS

ISO 9001

MAIN DESTINATIONS

USA, UAE, Panama, Chile, Dominican Republic

BALSA

SCIENTIFIC NAME: OCHROMA PYRAMIDALE
TARIFF CODE: 4407.22 / 4421.99

VARIETIES

- Glued blocks
- Rigid panels
- Flexible panels
- Sheets
- Sticks
- Model airplanes
- Balsa plywood

CHARACTERISTICS

Balsa is endemic to Ecuador; however, the wood currently comes from plantations and native forests. It is worth mentioning that due to its physical and mechanical properties, Ecuadorian balsa is used as a core material for wind turbine blades.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

Ecuador is the world's leading balsa supplier.

RELEVANT DATA

- Balsa is a fast-growing wood and is a 100% renewable resource.

- Its thermal-acoustic characteristics, low density (even heavy balsa), favors its use in the following industries: Automotive, Aerospace, Wind Energy, Railways, Defense, Industry, Construction, Furniture, etc.

PRODUCT PRESENTATION

- Palletized, stretch film
- Dry cargo

CERTIFICATIONS

FSC www.fsc.org

International Organization for Standardization ISO 9001

MAIN DESTINATIONS

China
USA
Bharat
Poland
Denmark

TEAK

SCIENTIFIC NAME: TECTONA GRANDIS
TARIFF CODE: 4403.49.90.10
4403.42.00.00 / 4407.29.90.00 / 4407.23.00.00

PRINCIPAL PRODUCTS

- Logs
- Planks
- Glue laminated panels
- Doors and frames
- Construction systems
- Decks
- Flooring
- Furniture

CHARACTERISTICS

Teak is an introduced species, so all teak found in Ecuador is planted teak. Teak becomes commercial when it is 18 years old; the larger the diameter, the higher priced it is in the international market. Teak has red heartwood and cream sapwood (bicolor), and the heartwood can also have a golden hue depending on its origin.

Well-managed forest plantations generate social and environmental benefits, such as:

-Less harvesting pressure on natural forests and woodlands.
-Carbon sinks
-Soil recovery (e.g., pastures)
-Decreased erosion
-Employment in backward/rural areas

The months of greatest export are May to November; exports decrease considerably in the rainy season from November to April.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

There are 53,000 ha. of teak plantations in Ecuador (MAG-2020).

RELEVANT DATA

•TEAK (tectona grandis) is a tropical species of fine wood of high commercial value originating in Burma, Indonesia and India. It was introduced into Ecuador about 50 years ago and established in commercial plantations in the littoral zone along the coast, which has an ideal climate for its growth.

It can reach heights greater than 30 meters and diameters greater than 120 cm in time.

PRODUCT PRESENTATION

- Logs
- Edged boards
- Sawn to size

Most of the logs exported are 2.30 meters long, followed by logs of 2.60 meters, 5.85 meters and 11.85 meters.

CERTIFICATIONS

MAIN DESTINATIONS

Bharat China Vietnam

WOOD PRODUCTS

TARIFF CODE: 4414.00 / 4415.10 / 4415.20 / 4416.00 / 4417.00.10 / 4417.00.90 / 4419.11 / 4419.12 / 4419.19 / 4419.90 / 4421.91.30 / 4421.99.90

PRINCIPAL PRODUCTS

·Ice cream sticks
·Tongue depressors
·Spoons
·Coffee stirrers

CHARACTERISTICS

·Wood without resin, free of pesticides.

·Color: white to reddish

·Aroma: non unspecific

·Texture: smooth

·Moisture content: less than 12%.

·Polished with FDA approved carnauba wax.

·Absence of pathogenic microorganisms such as listeria, salmonella or aflatoxin-causing molds.

·Compliance with national and international regulations that establish permissible limits for hygiene indicators.

·Packaging materials approved for contact with food by agencies or organizations with worldwide recognition.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

Approximately 12,000 m3 per year.

RELEVANT DATA

•Within the main products made of wood is the ice cream sticks which are manufactured with high quality standards aproveed by the FDA, and state of the art technologie.

PRODUCT PRESENTATION

·The product is packed in cartons according to the product.

·Dry cargo

·The master cartons are palletized, stretch film.

CERTIFICATIONS

ISO 9001 · HACCP NTC 5830 · FSSC 22000 · ISO/TS 22002 · HACCP

MAIN DESTINATIONS

USA · China · Poland · Turkiye · Bharat

PARTICLEBOARD

TARIFF CODE: 4410.19 / 4410.11 / 4410.90

PRINCIPAL PRODUCTS

·Uncoated sheets (raw)

·Veneered

·Melamine

·Moisture resistant

CHARACTERISTICS

·The surface is ready to be painted and/or lacquered (in the case of raw board).

·Board free of impurities.

·Homogeneity of the particles (center and external faces).

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

Approximately 640,000 m3 per year.

RELEVANT DATA

•Boards are manufactured with wood particles and suitable adhesives. Coarser particles are usually in the center and finer particles on the faces.

PRODUCT PRESENTATION

·The product is packed in cardboard and stretch film according to the product.

·Dry cargo

CERTIFICATIONS

MAIN DESTINATIONS

Colombia

Peru

Panama

USA

Chile

MDF PANELS

TARIFF CODE: 4411.12 / 4411.13 / 4411.14

PRINCIPAL PRODUCTS

- Unveneered panels (raw)
- Veneered panels
- Melamine panels
- Moisture resistant panels

CHARACTERISTICS

- Homogeneous structure with a low level of impurities
- Optimum utilization
- Easy to work with
- Less tool wear.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

Approximately 80,000 m3 per year.

RELEVANT DATA

•These panels are made of wood fibers obtained from pine trunks in forest plantations. They are used especially for furniture with special fretwork and structures.

PRODUCT PRESENTATION

- The product is packed in cardboard and stretch film according to the product.
- Dry cargo

CERTIFICATIONS

MAIN DESTINATIONS

USA, Canada, Colombia, Chile, Panama

SANITARYWARE AND FLAT CERAMIC TILES

TARIFF CODE: 6902.20 / 6907.21 / 6907.22 / 6910.90

VARIETIES

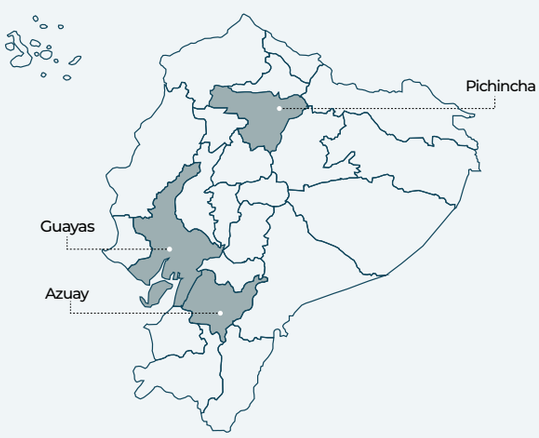
The country's main ceramic products are pottery, bricks, tiles, sanitary ware, architectural ornaments, sanitary faucets, porcelain, tiles, and others.

CHARACTERISTICS

Ecuadorian sanitaryware and flat ceramic products are high-tech and fultill international technical specifications and quality standards.

The sector focuses on producing and offering high quality products using cutting-edge, environmentally friendly technology and high standards of quality, service and efficiency, as well as staff with the technical capacity to foster the development of the sector in compliance with ethical principles, commitment and social responsibility.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

The flat ceramic production of Cuenca-Ecuador is 27,931,664 m2 of flat ceramic tiles: 26,577,200 m2 for the domestic market, and 1,354,464 m2 for export.

RELEVANT DATA

•Many companies apply programs for waste management, recycling, intelligent use of water and treatment of wastewater.

•The companies have a great advantage since Ecuador has large deposits of raw materials, which favors production cost and volume.

•Varied designs, formats, colors and reliefs are important features of the industry to meet the demands of customers, as well as custom designs.

PRODUCT PRESENTATION

·Units are packed in cardboard boxes according to their size.

·Palletized and containerized cargo.

CERTIFICATIONS

MAIN DESTINATIONS

Chile, USA, Guatemala, Colombia, El Salvador, Peru, Puerto Rico

PLASTICS AND PROCESSED PRODUCTS

TARIFF CODE: 3920.20.63.05 / 3915.90 / 3923.30 / 3920.10 / 3024.10 / 3920.20.90.10 / 3920.20.90.90

VARIETIES

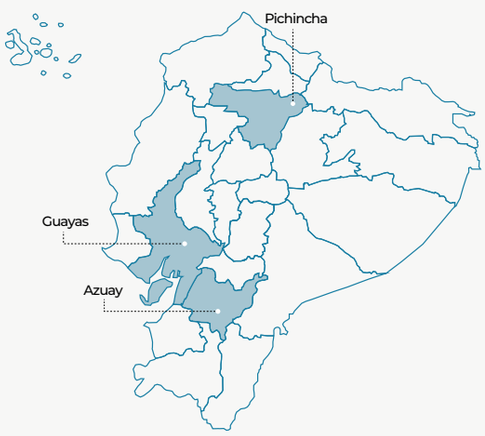
Final and semi-finished products offered by the sector include furniture and organizers, household items, toys, drawers, pallets, bins, corner pieces and strapping, sheets, plates, covers, other items for industrial use, rigid pipes and construction materials, school supplies, waste and trimmings, primary resins, recycled pellets, polypropylene sacks and bags, containers and packaging in different presentations according to the buyer's requirements, etc.

CHARACTERISTICS

·This industry offers high quality, distinctive products, which are required and appreciated due to their clean production processes that are based on environmental standards regulated by accredited organizations for that purpose.

·Industrial development processes include extrusion, blow molding, thermoforming, injection and rotomolding

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

The local production volume for the sector is 850.000 tons and the volume for export is 103.994 tons.

RELEVANT DATA

·The plastics industry in Ecuador is characterized by continuous technological innovation that allows it to compete in design and innovation at an international level by offering products with high quality standards.

·Wide variety in the exportable supply to various industries with optimal and efficient solutions.

PRODUCT PRESENTATION

· Bulk, in containers or palletized.

CERTIFICATIONS

ISO 9001

BASC

FSSC 22000

MAIN DESTINATIONS

Colombia

Peru

USA

Chile

Venezuela

CONTAINERS & PACKAGING

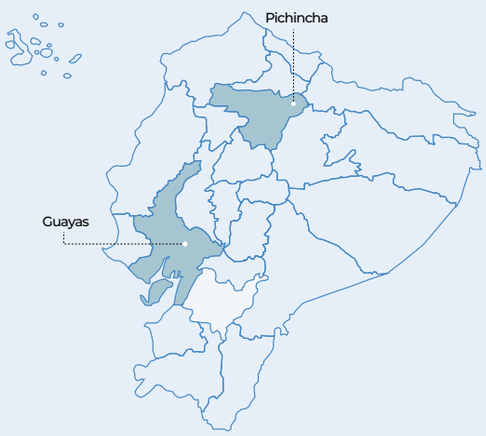
TARIFF CODE:
3919, 3920, 3921, 3923, 3924, 6305

FEATURES:

•Differentiated and quality exportable offer

•Innovative solutions to meets the needs of international customers

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

Ecuador exported 38.256 tons in 2023.

RELEVANT DATA

•Containers and packaging are productively linked to the main industrial sectors.

•Installed capacity in production plants to meet national and international demand.

PRODUCT PRESENTATION

•Consumer packaging: cups, tubs / containers, lids, cutlery (spoons, forks, knives), plates

•Industrials packaging for food, cosmetics, personal and home care

•Films for flexible packaging

•Bags, strapping bands

•Labels, printing, laminates, stretch film

MAIN DESTINATION

Colombia
Peru
Chile
USA
Mexico

PERSONAL AND HOUSEHOLD CARE

TARIFF CODE: 3304.99.00 / 3301.29.90 / 3304.10.00
3303.00.00 / 8510.20.10 / 9605.00.00 / 9619.00.10

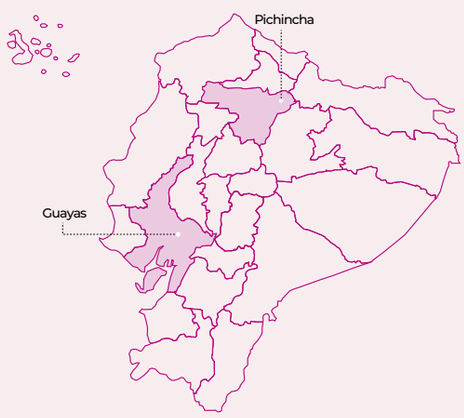
VARIETIES

The wide range of products offered by the sector is aimed at the personal care category, cosmetics, perfumes and toilet waters, makeup, hair, skin cosmetics and skin care, organic surface agents for household cleaning, sanitary napkins, tampons, diapers for adults and babies, toothpaste, shaving lotion, toilet soap, institutional hygiene and cleaning, natural and organic cosmetics.

CHARACTERISTICS

- Innovative and technological industry.
- Product diversification.
- Certified quality allow it to compete at an international level.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

Ecuadorian companies export around 23,862 tons.

RELEVANT DATA

·The personal and household care industry is characterized by its wide supply of exportable items, reflecting international consumer trends.

·It produces conventional and organic cosmetics enriched with natural ingredients from Ecuador.

PRODUCT PRESENTATION

·Containers or palletized.

CERTIFICATIONS

ISO 9001 · BASC · BPM

MAIN DESTINATIONS

Brazil · Colombia · Perú · USA · Bolivia

PHARMACEUTICALS AND CHEMICALS

TARIFF CODE: 3004.90 / 3004.20

VARIETIES

Pharmaceutical production includes oral solids, sterile items, semi-solids and liquids, such as capsules, eye drops, concentrations, creams, elixirs, emulsions, gels, lozenges, granules, jells, syrups, liniment, lotions, ovules, pastes, powders, injectables, tablets, etc.

CHARACTERISTICS

•Ecuador's domestic pharmaceutical plants have the Good Manufacturing Practices (GMP) certification and can provide products of excellent quality; traceability begins with the arrival of raw materials, such as active substances, bottles, aluminum, packaging and boxes, up to the final product, such as tablets, capsules, syrups, suspensions, drops or creams.

•Pharmaceutical laboratories incorporate innovation and constant scientific research into their production processes.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

The sector's production for export achieved a volume of 1,047 tons.

RELEVANT DATA

•Ecuadorian laboratories have the capacity and technology to adapt to the demands of the international market, offering products that meet 100% of the technical quality specifications.

•Differentiated products at the forefront of world trends in the nutraceutical and pharmaceutical industry.

PRODUCT PRESENTATION

•Products are shipped in boxes and palletized.

CERTIFICATIONS

MAIN DESTINATIONS

Panama
USA
Peru
Bolivia
Guatemala

TOQUILLA STRAW HATS

TARIFF CODE:
6502. 00 / 6504. 00

VARIETIES

- Montecristi
- Brisa
- Cuenca liso
- Cuenca ventilado
- Calado
- Tropical
- Torcido

CHARACTERISTICS

•The hat has three parts: template, crown, and brim.

•There are different qualities (Grades) of hats, including extra fine.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

Ecuador's estimated production is 700,000 hats per year, of which approximately 85% are exported to international markets.

RELEVANT DATA

•The Ecuadorian toquilla straw hat sector is committed to gender equality and non-discrimination.

Their method of weaving is part of the Intangible Cultural Heritage of Humanity, in which the millenary and ancestral culture of Ecuador is expressed.

PRODUCT PRESENTATION

•Hat bells are shipped by air in sacks.

•Finished hats are shipped in cardboard boxes.

•Hats are stored as dry cargo and do not need temperature for their conservation.

CERTIFICATIONS

MAIN DESTINATIONS

USA
Italy
Spain
Germany
France

JEWELRY

TARIFF CODE:

7113.11 / 7113.19 / 7113.20 / 7114.11 / 7114.19 / 7114.20 / 7115.10 / 7115.90 / 7116.10 / 7116.20 / 7117.11 / 7117.19 / 7117.90

VARIETIES

·Earrings, Bracelets, Necklaces, Rings, Charms, Tiaras

CHARACTERISTICS

·Fine pieces with beautiful details and high monetary value are handmade in Ecuador. Since they are handmade, the process permits diverse shapes and designs.

·Jewelry is made from gold, silver, metals, precious stones and even glass.

GEOGRAPHICAL DISTRIBUTION

PRODUCTION

Ecuador's productive capacity is approximately 6600 to 7800 kilos of precious metal jewelry, of which 6% to 7% is exported to international markets.

·A high percentage of its production is handmade and informal.

·It is based on filigree, plating, engraving or stamping techniques.

·Productive capacity is limited and may vary in relation to product demand.

RELEVANT DATA

·Handmade products containing fine pieces, national stones such as agate, obsidian, jade, spondylus and pre-Columbian designs.

·One of the most admired techniques in Ecuador is "Filigree," which is an ornament made with gold or silver threads.

·Jewel is an article which, for its value, involves several types of manufacture such as: made from molten silver, made by artisans, and with designs according to trends.

PRODUCT PRESENTATION

·It will depend on the variety/type of product and whether shipment is via courier or direct sale.

MAIN DESTINATIONS

Peru
USA
Spain
Colombia
Bolivia

COROZO NUT

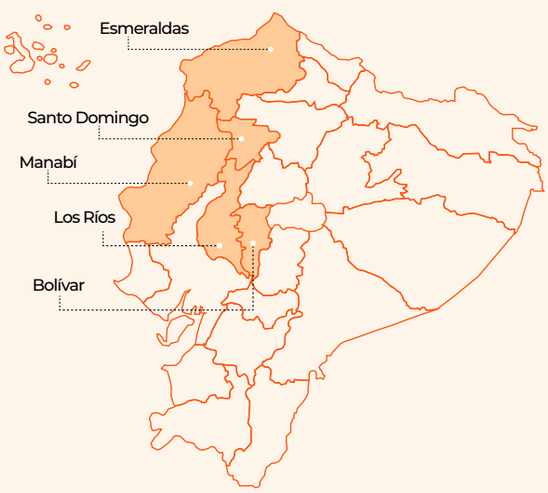
SCIENTIFIC NAME: PHYTELEPHAS AEQUATORIALIS
TARIFF CODE: 96020090, 96062910,96063010

CHARACTERISTICS

Tagua well-known as corozo nut has a bone white color with a almond shape, hard and smooth with ivory-like texture.

The walnut gets mature for 6 - 12 months, during this time the seed hardens, acquires the final thickness and its color changes from white to light ocher. Once the maturing cycle is completed, the corozo nut has reached between 3 and 6 cm in length.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

In 2023 Ecuador exported USD 6.82 million on FOB value and 668 tons of corozo blanks and its derivates.

RELEVANT DATA

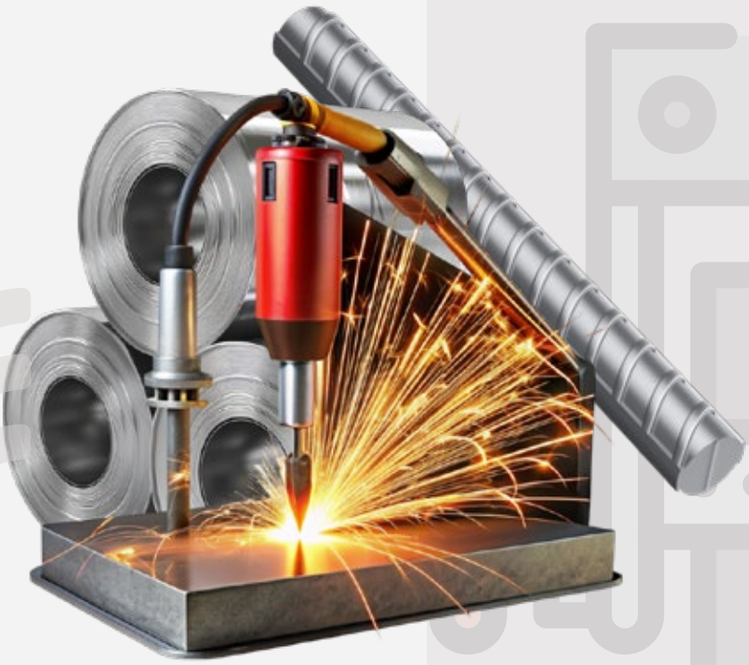
- Promoting the use of tagua buttons contributes to protect the tropical humid forest.
- A wide range of crafts and jewelry are made from corozo blanks because of its ductibility.

PRODUCT PRESENTATION

- Corozo button, powder and blanks are packed in bags.

MAIN DESTINATIONS

China, Türkiye, Spain, Italy, USA



METALWORKING

The metalworking industry constitutes a fundamental pillar in the country's productive chain; it is one of the prioritized sectors due to its high added value, technological components, and its connection with various sectors and branches of activity related to agriculture, manufacturing, commerce, and services.

CHARACTERISTICS

The products of the metalworking industry comply with technical specifications established in INEN standards and regulations, as well as in standards such as ASME, API, UL, ASTM, among others. The metalworking industry is characterized by offering the national and international markets products, goods, and services of quality according to their requirements, showing: innovation in their design, variety in their offer, technology, production, and control in all related processes.

PRODUCTION

- White line appliances (kitchens and refrigerators).
- Machinery and equipment for the agricultural, aquaculture, and agribusiness sectors.
- Basic metalworking products and construction materials; capital goods for the electric power generation and transmission industry.
- Capital goods for the road and building sector; parts and pieces.
- Capital goods for the hydrocarbons, mining, and telecommunications industry.

STATISTICAL INFORMATION

The majority of sector exports in 2023 were recorded in bars and profiles, iron wire, iron wire rod, hollow tubes and profiles, deposits, barrels, drums, containers, iron or steel manufactures, constructions and their parts, stoves, boilers with hearth, plugs and caps, electric transformers, static electric converters, liquid pumps, cranes and lifting appliances, refrigerators, freezers, and other materials, machines, and apparatus for cold production, wires, cables, and other insulated conductors for electricity, furniture and its parts, among other materials and capital goods.

The sector exported 150 thousand tons and USD 514 million FOB of metalworking products in 2023, representing a 9.30% decrease in FOB value and a 16.88% decrease in volume compared to 2022.

MAIN DESTINATIONS

USA

Colombia

Peru

China

Brazil

AUTOMOTIVE

TARIFF CODE: 4011.10 / 4011.20 / 4011.30 / 4011.40 / 4011.80 / 4011.90 / 8507.10 / 8507.20 / 8507.90 / 8703.22 / 8704.21 / 8704.22 / 8704.31 / 8708.80 / 8708.90

VARIETIES

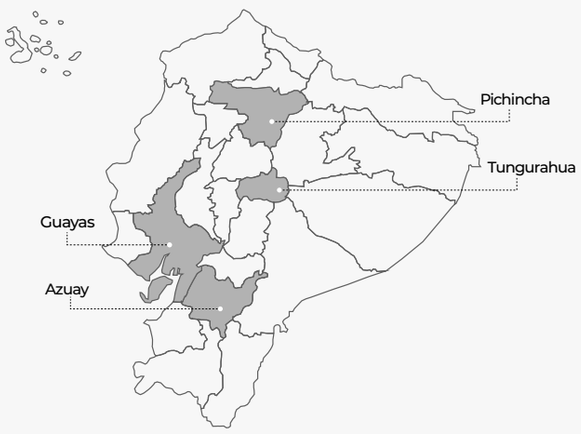
The automotive industry in Ecuador produces assembled vehicles for passenger transportation (cars, SUVs, pick-up trucks, bodywork for buses) and auto parts such as tires, hydraulic systems, batteries, etc.

CHARACTERISTICS

Ecuador's automotive industry currently has 3 vehicle assembly companies: General Motors Ecuador (Chevrolet), Ciauto (Great Wall, Zotye) and Aymesa (Kia, Hyundai, Volkswagen and Jac), and offers several products for the auto parts industry, which have contributed to national development through investments, training and technology.

The Ecuadorian automotive industry has achieved high international standards due to the quality of its products.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

Ecuador's automotive industry assembles around 18,970 vehicles per year, of which an average of 1,860 are sold. An estimated 114 units are exported to international markets.

RELEVANT DATA

·The automotive industry produces vehicles for transporting people, family vehicles with **the highest quality and safety standards**, utility vehicles for cargo and passenger transportation, as well as multi-brand auto parts for all types of vehicles.

·Ecuador's automotive industry has **implemented several employment programs** in areas such as gender equity, disability, my first job, etc.

PRODUCT PRESENTATION

·Units
·Loose cargo for vehicles, containerized cargo for auto parts.

CERTIFICATIONS

MAIN DESTINATIONS

Colombia, USA, Chile, Venezuela, Peru, Dominica Republic, Mexico

APPLIANCES

TARIFF CODE: 7321.11 / 7321.90 / 7323.10 / 7323.90/ 8215.20 / 8415.10 / 8415.20 / 8415.83 / 8415.90 / 8418.10 / 8418.21/ 8418.30 / 8418.40 / 8418.50 / 8418.61 / 8418.69 / 8418.99 / 8419.19 8419.20 / 8419.39 / 8419.50 / 8419.91 / 8516.10 / 8516.90

VARIETIES

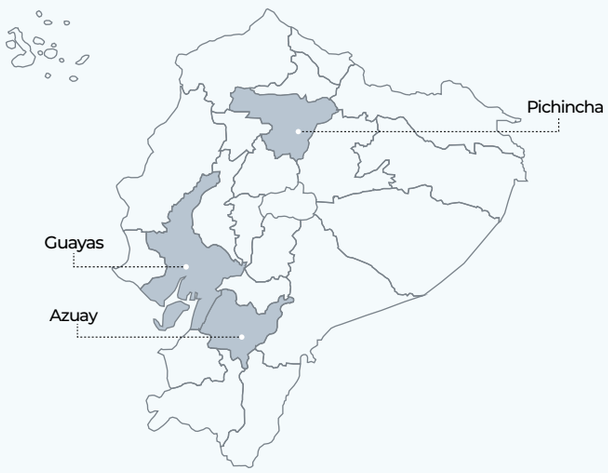
Ecuador manufactures stoves, refrigerators, freezers, air conditioners, washing machines, and other appliances.

CHARACTERISTICS

The industry is constantly evolving and focusing on aesthetics, design and product innovation. These products offer warranties and the technical support of a committed after-sales team.

In addition, the technology of appliances produced in Ecuador is very competitive, which generates interest by new international buyers.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

The production of the sector for export reaches a volume of approximately 14.3 thousand tons.

RELEVANT DATA

·The appliances industry produces high quality and high technology goods for use in homes, restaurants and hotels; they are marketed domestically and exported to more than 20 destinations in Latin America.

·Domestic production of appliances has increased thanks to innovations by manufacturing companies, especially in energy efficiency, reduction of environmental pollution and cutting-edge technology.

PRODUCT PRESENTATION

·Units are packed in cardboard boxes according to the size of the device.

·Palletized and containerized cargo.

CERTIFICATIONS

INEN · ISO 9001:2015 · ISO 17025 · ISO 50001 · ISO 14001 · BASC

MAIN DESTINATIONS

Peru · Chile · Colombia · Dominican Republic · Mexico · El Salvador

TECHNOLOGICAL SERVICES

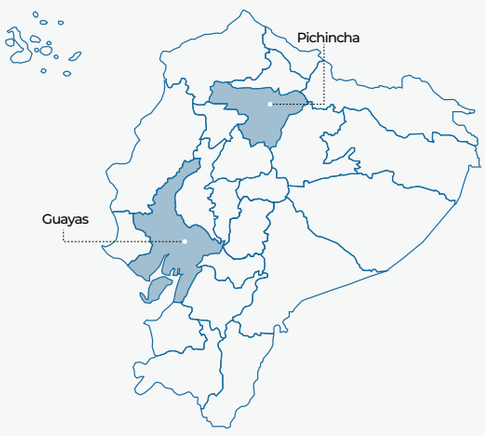
VARIETIES

Services offered in Ecuador include consulting and advisory, implementation, development, technical support, training, outsourcing.

CHARACTERISTICS

Ecuadorian software serves the demand of several productive sectors transversally, especially the service sector, tourism, public sector, banking, finance and insurance, retail, construction, logistics and transportation, agribusiness, floriculture, oil and mining, telecommunications, manufacturing, automotive, pharmaceuticals, and education.

GEOGRAPHICAL DISTRIBUTION



PRODUCTION

Ecuador generates around US$500 million in software products and services, of which around US$96 million is exported.

RELEVANT DATA

•With its specialized human talent, Ecuador is an attractive relocation site for international companies that need to transfer part of their processes to Ecuadorian companies.

•It is estimated that this sector generates approximately 7391 jobs nationwide.

CERTIFICATIONS

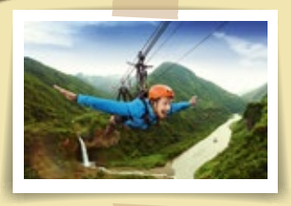
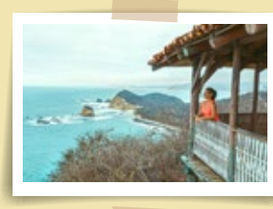
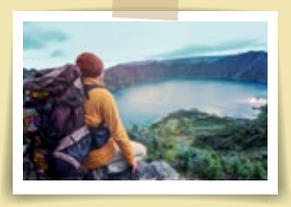
ISO 9001:2015 · CMMI level 3 · ISO 20000 · EFQM

MAIN DESTINATIONS

Peru · Colombia · USA · Mexico

Guatemala · Spain · Chile

TOURISM

·Ecuador offers 4 fantastic worlds to explore and discover. It has a privileged geographical position and four natural regions with unique characteristics. The name of the country refers to the equator or parallel 0°, which crosses its territory and divides the surface of the planet into two hemispheres, north and south.

·Ecuador is part of the Andes mountain range, an imposing mountain chain that borders the Pacific coast of South America and includes the Chimborazo volcano, considered the point closest to the sun from Earth. The summit of the Ecuadorian volcano is located 6,384.4 kilometers away from the center of the planet.

·The sector aims to strengthen its visibility as a key destination for new tourism trends and to generate positioning that can be leveraged by the private sector to create businesses.

BASIC INFORMATION

·**Location:** South America
·**Privileged Climate:** 18 to 23°C
·**Regions:** Coast, Andes, Galápagos, and Amazon
·**Capital:** Quito
·**Currency:** United States Dollar
·**Area:** 256,370 km2
·**Population:** 17,500,000 people
-**Urban:** 11,320,000 people
-**Rural:** 6,180,000 people
·**Government:** Democratic
·**Official Language:** Spanish. There are also many indigenous languages, of which Kichwa is the most common.
·**Religion:** 95% of the population considers itself Catholic, with the remaining 5% divided among Evangelicals, Protestants, and other religions.

MAIN FACTS

·Tourism with environmental, economic, and social focus.

·UNESCO has declared eight World Heritage Sites in the country.

·In 1978, Ecuador received the first classification of Natural and Cultural Heritage of Humanity for the Galápagos Islands and the Historic Center of Quito.

·10% of all plant species in the world, including the smallest orchid species, live in Ecuador.

·81% of Ecuador's population vaccinated against COVID-19.

·It boasts a great variety of natural landscapes.

·Offers activities for ecotourism and adventure lovers.

·The sector seeks to position Ecuador as a world-class gastronomic destination.

·International Recognitions: Ecuador World Leading Green Destination "World Travel Awards 2021".

·Rural community tourism in Ecuador constitutes an important strategic area for the sector and the national economy.

SCAN THE QR AND WATCH THE VIDEO

EL NUEVO ECUADOR

Ministry of Production,
Foreign Trade, Investment and Fisheries

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Business without borders

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In the Middle of the World

AGROECONOMIC ATLAS OF ECUADOR

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Ministerio de Agricultura y Ganadería
Ministerio de Producción, Comercio Exterior, Inversiones y Pesca
PRO ECUADOR
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Food and Agriculture Organization of the United Nations
Hand-in-Hand Initiative

PRESIDENT OF THE REPUBLIC
Daniel Noboa Azín

MINISTRY OF PRODUCTION, FOREIGN TRADE, INVESTMENT AND FISHING
MINISTER OF PRODUCTION, FOREIGN TRADE, INVESTMENT AND FISHING
Luis Alberto Jaramillo Granja
VICE MINISTRY OF PRODUCTION AND INDUSTRIES
Fernando Pérez Darquea
EXECUTIVE DIRECTOR OF ECUADOR PROMOTION INSTITUTE - PRO ECUADOR
José Antonio Villena Sierra
UNDERSECRETARY OF AGRIBUSINESS
Julio Álvarez Coronel
UNDERSECRETARY OF INVESTMENTS
Nathaly Ortiz Cárdenas
COMMERCIAL COUNSELOR OF ECUADOR IN THE NETHERLANDS
Juan Carlos Yépez
COMMERCIAL COUNSELOR OF ECUADOR IN PARIS
Javier Latorre Vaca
COMMERCIAL COUNSELOR OF ECUADOR IN NEW YORK
Juan Pablo Cuesta Aguirre
COMMERCIAL COUNSELOR OF ECUADOR IN LOS ÁNGELES
Michael Ordoñez Suárez Avilés
COMMERCIAL COUNSELOR OF ECUADOR IN SANTIAGO DE CHILE
Santiago Benites Pérez
COMMERCIAL COUNSELOR OF ECUADOR IN MIAMI
Pilar Neira Zurita
COMMERCIAL COUNSELOR OF ECUADOR IN HAMBURG
César Rohon Cabrera
COMMERCIAL COUNSELOR OF ECUADOR IN BEIJING
Jorge Cevallos Clavijo
COMMERCIAL COUNSELOR OF ECUADOR IN JAPAN
Alberto Aguilar Henao
COMMERCIAL COUNSELOR OF ECUADOR IN CANADA
Juan Carlos Altamirano Delgado
DIRECTOR OF ANIMAL, AQUACULTURE AND FISHERY AGROINDUSTRIAL DEVELOPMENT
Andrea Gómez Ponce
DIRECTOR OF AGROINDUSTRIAL DEVELOPMENT OF AGRICULTURAL AND FORESTRY ORIGIN
Viviana Ruiz Villafuerte
DIRECTOR OF ECONOMIC AND COMMERCIAL STUDIES
Santiago Sánchez Molina
PROJECT AND INVESTMENT PROMOTION DIRECTOR
Miguel Álava Campozano
RESPONSIBLE FOR THE DIRECTION OF EXPORTER SERVICES PLATFORM
Narcisa Farinango Lita
RESPONSIBLE FOR EXPORT PROMOTION DEPARTMENT
Cynthia Castillo Bravo

TECHNICAL TEAM
Sofía Arellano Lafuente – Especialista de Development Specialist
Geovanna Espín Ruiz - National Trade Information Specialist
Elena Bayas Bayas – Economic and Commercial Research Analyst
Magda Robayo Vargas - Economic and Commercial Studies Specialist
Cecilia Enríquez Valladares - Foreign Trade Technical Coordination Analyst
Gustavo Castañeda Apolo – Project and Investment Promotion Specialist
Nathaly Tama Game – Agrifood Sector Coordinator
Luisa Quezada Elizalde – Agrifood Sector Specialist
Ginger Aguirre - Trade Attaché of Ecuador in Paris
María Cecilia Gutiérrez - Trade Attaché of Ecuador in New York
Kleber Franco - Trade Attaché of Ecuador in Miami
Viviane Guzmán - Trade Attaché of Ecuador in Hamburg
Jorge Diaz - Trade Attaché of Ecuador in Beijing

MINISTRY OF AGRICULTURE AND LIVESTOCK
MINISTER OF AGRICULTURE AND LIVESTOCK
Danilo Palacios Márquez
VICE MINISTER OF AGRICULTURAL PRODUCTIVE DEVELOPMENT
Esteban del Hierro Paredes
GENERAL COORDINATION OF NATIONAL AGRICULTURAL INFORMATION
Daniel Ordoñez Bucheli
DIRECTORATE OF AGRICULTURAL INFORMATION ANALYSIS
Natalia Rumazo Chiriboga

TECHNICAL TEAM
Raúl Gaethe Coral
Mónica Heredia Villamarín
Tatiana Barba Cuenca
Ricardo Sánchez Molina

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
FAO REPRESENTATIVE IN ECUADOR
Gherda Barreto Cajina
PROGRAM OFFICER
Érika Zárate Baca
VALUE CHAIN ECONOMIST SPECIALIST
Daniela García Díaz
RESOURCE MOBILIZATION FACILITATOR
Nina León Bolaños

DESIGN
Rolan Bastidas Sierra (cover adaptation)
Aquattro

PRINT
Aquattro

REPÚBLICA DEL ECUADOR
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AGROECONOMIC ATLAS OF ECUADOR

Food and Agriculture Organization of the United Nations

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Preface

The Agroeconomic Atlas of Ecuador was made possible thanks to inter-institutional coordination between the Ministry of Agriculture and Livestock, the Ministry of Production, Foreign Trade, Investment and Fisheries, and Pro Ecuador, with technical support from the Food and Agriculture Organization of the United Nations (FAO). This document is a testament to Ecuador's commitment to inclusive and sustainable rural development and is projected as a key tool for strategic planning in the agrifood sector.

The Atlas reflects Ecuador's leadership in global agroexports and positions the country as a benchmark in attracting strategic investments that promote equity, decent employment and decent living conditions in rural communities. Ecuador has consolidated its position as one of the region's leading agrifood economies, being the world's leading exporter of products such as bananas, shrimp and pitahaya.

The agrifood sector is one of the fundamental pillars of the Ecuadorian economy, contributing 15% of the Gross Domestic Product (GDP) and employing one out of every three people in the country. Its importance lies not only in agricultural, livestock and fisheries production, but also in its capacity to generate employment and improve living conditions in rural areas.

The Agroeconomic Atlas of Ecuador offers a comprehensive and updated view of the country's agricultural production situation. It provides detailed data on agricultural, livestock and aquaculture production, highlighting both primary and processed products, which play a fundamental role in export dynamics and the domestic market. In 2023, Ecuador produced more than 7.2 million tons of agricultural products, excelling in crops such as bananas, cocoa and broccoli, while its fishing industry continues to be a key player in global markets such as the United States, the European Union and Japan

Overall, the Atlas is an essential tool for planning, investment and development of the agricultural sector, underlining Ecuador's commitment to a more equitable, sustainable and prosperous future for its rural communities and the country as a whole.

Sistema de Información Pública Agropecuaria (SIPA)

https://sipa.agricultura.gob.ec

It is an integrated system of statistical and geographic information, which serves as an input for decision making, allows the generation of scientific-academic knowledge and showcases Ecuador's situation in the agricultural and livestock sector.

The SIPA is based on Article 41 of the Organic Law of Rural Lands and Ancestral Territories (Ley Orgánica de Tierras Rurales y Territorios Ancestrales-LOTRTA) and is an instrument for consulting official information that is constantly being updated to adapt to the demands of its users.

It integrates:

- Agro-productive information at territorial, national or international level from various official information sources.
- Analyzed and processed data to characterize the sector.

What information does it contain?

Historical statistics

of the main economic, productive and social indicators.

Sectoral agroeconomic studies,

that summarize the main social and economic productive statistics.

Boletines de variables multisectoriales

of the main thematic variables that affect the sector: prices, credit, climate, foreign trade.

Situational bulletins

with figures on the international and national context for more than 30 agricultural, livestock and forestry products.

Multilevel prices

markets, warehouses, slaughter houses, international fairs, agro-industries, agrochemicals.

Cartographic information

thematic and geo-referenced and standardized information on the agricultural sector.

In addition, SIPA has a section of dynamic thematic reports:

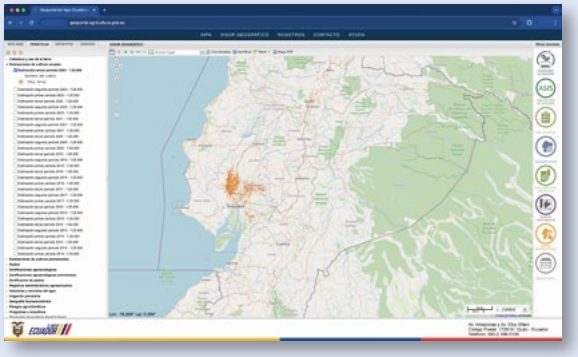
- **Sectorial Indicators:** Agricultural macroeconomic and social indicators.
- **Agro-productive figures:** Territorial productive information.
- **Territorial figures:** Provincial agroeconomic information.
- **Food sovereignty:** Food sovereignty indicators.
- **Agricultural insurance:** Agricultural and livestock insurance information.
- **Financial Inclusion:** Public and private sector financing.

- **Foreign Trade:** Agricultural and agro-industrial foreign trade information.
- **Gender:** Agricultural and livestock gender figures.
- **Agrochemical inputs:** Information on main importers, prices and participation.

Questions, comments and suggestions: sipa@mag.gob.ec

Geoportal of the Ecuadorian Agro

http://geoportal.agricultura.gob.ec/



It is a web portal for the search and interaction of geospatial information of the agricultural sector, published in different formats for viewing and downloading.

What information does it contain?

- **Geographic viewer:** Visualization of agricultural geospatial information.
- **Metadata:** Consultation and downloading of agricultural geospatial information.
- **Geoservices:** Interoperability through WMS, WFS, WMTS, CSW and KML services.
- **Download of orthophotos:** Application for web requests and downloads: orthophotos and DTM.
- **Interactive maps:** Dynamic maps with agricultural statistical analysis.
- **Library:** Agricultural geographic norms, standards, technical documents.

Questions, comments and suggestions: geoportal@mag.gob.ec

Mobile app of Prices SIPA-Precios

https://play.google.com/store/apps/details?id=-cgsin.precios&pli=1

The SIPA-Precios App presents the reference prices of more than 80 agricultural products traded in 23 wholesale markets in Ecuador, in their various presentations, weights and units of measure.

It also compares and analyzes the price behavior of the same product in different markets.

Available in Google Store.

Ventanilla Única de Inversiones (VUI)

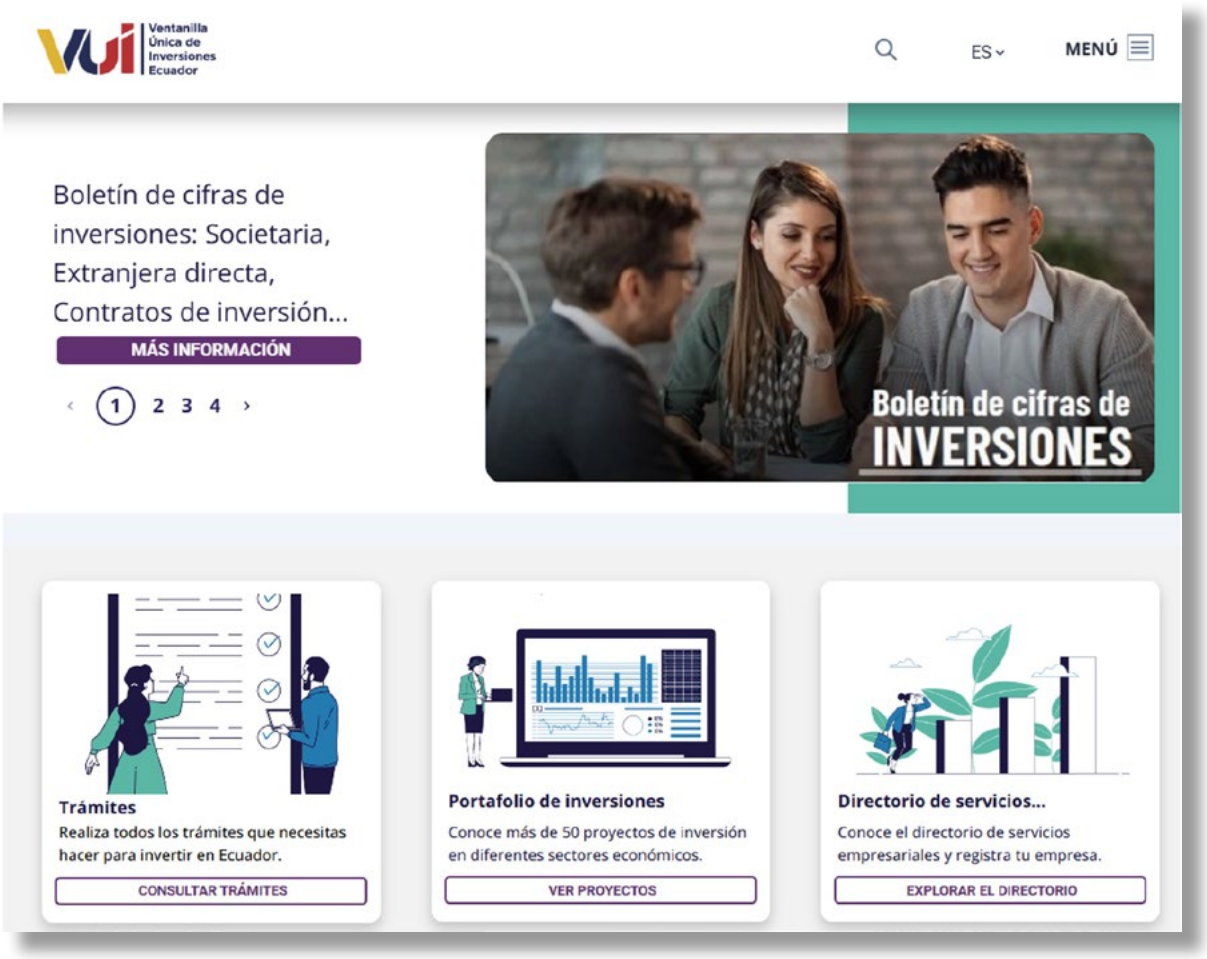
https://vui.gob.ec

Project Impact Objective

Increase investment flows in the country and contribute to its sectoral and geographic diversification.

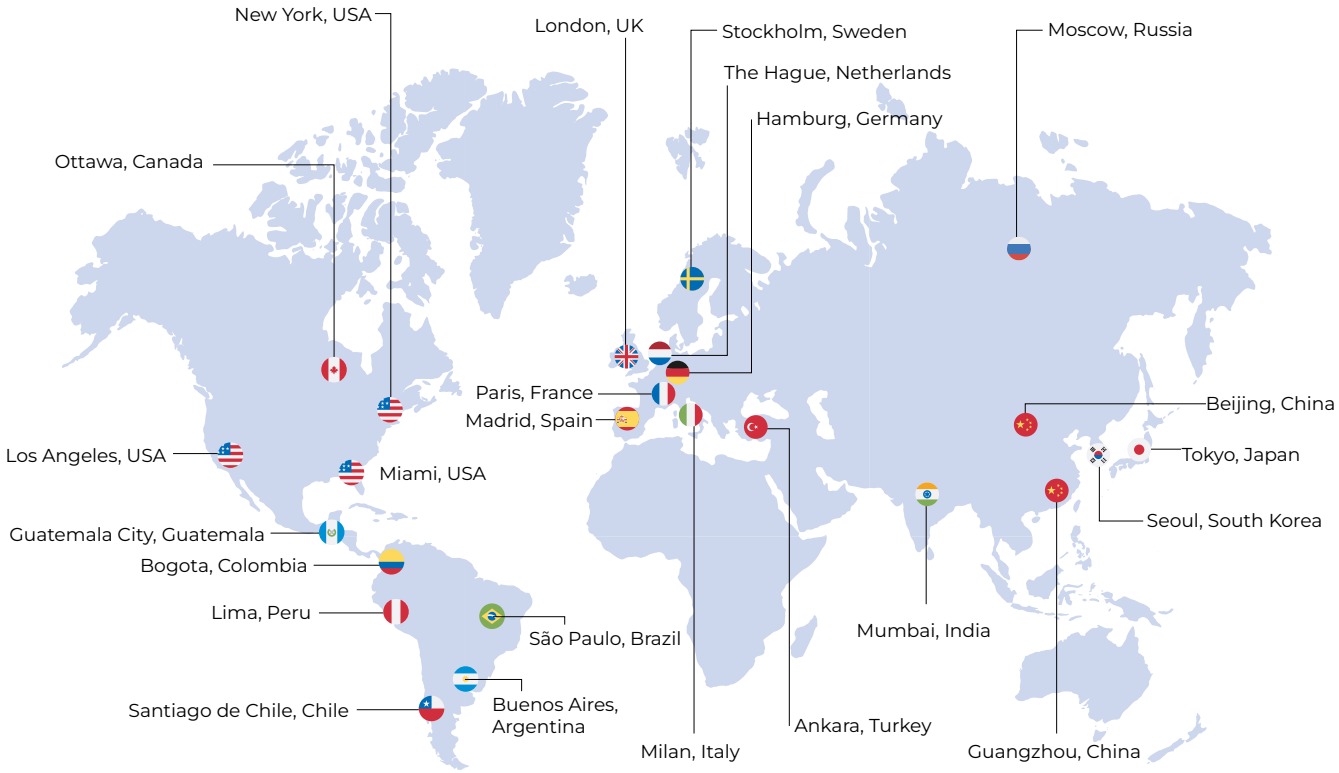
Specific Objetives

- Contribute to reducing time, costs and number of procedures for the establishment of private investment.
- Increase the effectiveness of investment attraction and promotion actions by the MPCEIP and other entities.
- Manage and evaluate project execution.



Trade Offices of Ecuador

PRO ECUADOR has a network of **24 commercial offices in 21 countries**, which puts Ecuador within reach of the largest and most important international markets.



Learn more about investor services:

https://www.vui.gob.ec/

Contact us:

Ministerio de Producción, Comercio Exterior, Inversiones y Pesca

(593 4) 2591370

inversiones@produccion.gob.ec

Organic operators base

https://organicos.agrocalidad.gob.ec/

It is a database of organic operators certified under Resolution No. 099 concerning the General Regulations to promote and regulate organic - ecological - biological production in Ecuador and registered with the Agency for Regulation and Control of Phytosanitary and Zoosanitary.

It contains accurate and updated monthly data on certified operators that produce, process and market organic products, which increases the transparency of the supply chain for organic trade by promoting the visibility of an association, company, farm or producer.

Ecuador's organic operators database system improves access to information by providing public users with an easier way to search for organic production data and statistical information with greater accuracy.

Features:

1. Certification bodies:

Provides detailed information on the certification bodies accredited by the Ecuadorian Accreditation Service and registered with the Agency for Phytosanitary and Zoosanitary Regulation and Control, which facilitates the process of selection and verification of certification bodies for interested operators.

2. Documents and contacts:

Provides national regulations, manuals for operator registration in the GUIA System, technical procedures, current resolutions and guidelines for complying with certification requirements.

3. Operators' information:

Allows an advanced and detailed search on registered organic operators, providing information such as:

- Type of operator (individual and group)
- Scope (producer, processor, trader, exporter, wild collector).
- Certified products.
- Geographical location (province, canton).
- Certification body.

4. Reports:

Provides diverse information based on different search interests, among which we can cite:

- Certified organic operations classified by province, canton, certifying organism and products.
- Monthly and annual historical data by company name, certification body and product.
- Statistics on organic certified area and area in transition, as well as number of operators by province, certification body and product.
- Graphs of certified area and number of individual and group operators by province and total at the national level

Reports are available in pdf and xls formats.

Ecuador´s non-oil trade

Non-oil exports

USD 22,175 M

▲ 5.2 %

+ USD 1,103 M

Non-oil imports

USD 22,370 M

▼ -1.5 %

- USD 332 M

Non-oil trade balance

▼ USD -195 M

5 Main non-oil export destinations

China	United States	European Union	Russia	Colombia
USD 5.669 millions ▼ -0.6 %	USD 4,363 millions ▲ 0.1 %	USD 4,270 millions ▲ 12.0 %	USD 923 millions ▼ -0.6 %	USD 765 millions ▼ -20.6 %

5 Main non-oil export products

Shrimp	Banana	Canned fish	Lead and copper concentrate	Cocoa
USD 7,205 millions ▼ -1.2 %	USD 3,587 millions ▲ -14.1 %	USD 1,328 millions ▼ -2.8 %	USD 1,239 millions ▼ -3.8 %	USD 1,171 millions ▲ 35.2 %

5 Main non-oil importing countries of origin

China	United States	European Union	Colombia	Brazil
USD 6,004 millions ▼ -2.6 %	USD 2,893 millions ▼ -3.8 %	USD 2,579 millions ▲ 2.1 %	USD 2,184 millions ▲ 10.6 %	USD 1,143 millions ▼ -3.9 %

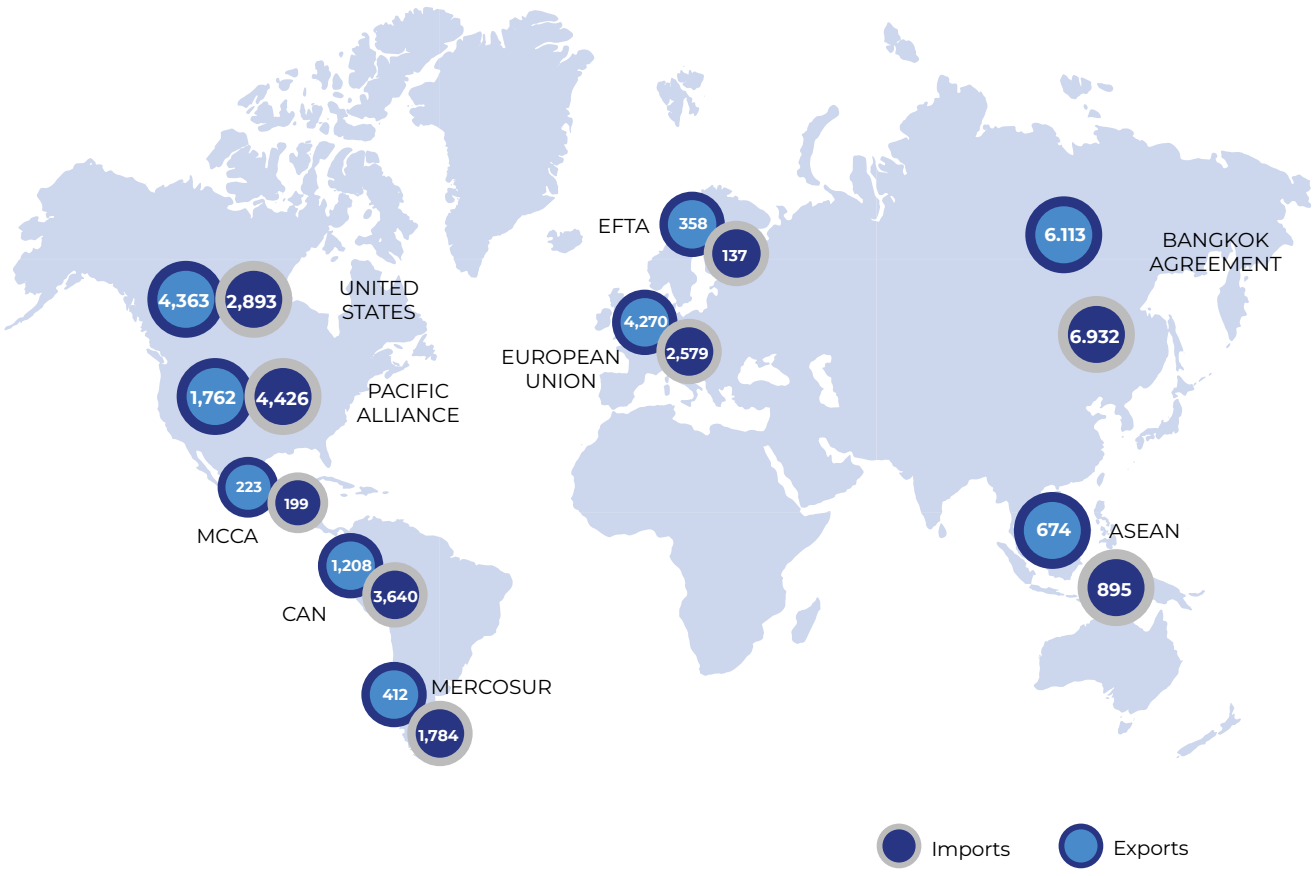
Note 1: Gold values are under review.
Note 2: The values reported correspond to the period analyzed and the annual variation is presented as a percentage.
Source: Banco Central del Ecuador (BCE)
Prepared by: Dirección de Estudios Económicos y Comerciales (DEECO)-MPCEIP
BCE from JANUARY 2021 includes Postal Traffic Postal in Non-Oil Imports

5 Main non-oil import products

Light automobiles	Medicines	Other Metal Fabrications	Soybean Oil Residues	Phones and Cell Phones
USD 1,276 millions	USD 991 millions	USD 932 millions	USD 916 millions	USD 679 millions
▲ 12.3 %	▲ 10.8 %	▼ -5.7 %	▲ 8.5 %	▲ 19.1 %

Non-oil exports and imports by geoeconomic areas

Millions USD FOB



Note: They are considered imports by origin
Source: Banco Central del Ecuador (BCE)
Prepared by: Dirección de Estudios Económicos y Comerciales (DEECO), MPCEIP
BCE from JANUARY 2021 includes Postal Traffic Postal in Non-Oil Imports

Agrifood landscape

Contribution of the agrifood sector to Gross Domestic Product

The contribution of the agricultural and agroindustrial sector to GDP is **15 %**

GVA agroindustrial activities

Shrimp *(processing and storage)*	**34 %**
Meat *(processing and storage)*	**12 %**
Milling *(product processing)*	**7 %**

Agribusiness sales

The agricultural and agroindustrial sector generates **56,042 million USD in sales**

Agroindustrial activities sales

The contribution of the agroindustrial sector to sales is **30.6 %**

Agricultural Employment

One out of every three people employed works in the agricultural and livestock sector

Food sovereignty

83.7 %
Domestic Production Participation Rate in Food Consumption

16.3 %
Dependency Rate

81 % of the country's agricultural and agro- industrial supply are covered by trade agreements

Note: Trade agreements in force and in process

Evolution of non-oil exports

- Ecuador is the **1st exporter** of bananas in the world.
- Ecuador is the **2nd exporter** of cocoa in the world.
- Ecuador is the **1st exporter** of shrimp in the world.
- Ecuador is the **1st exporter** of pitahaya in Latin America.
- Ecuador is the **leading exporter** of prepared and canned fish in Latin America.

Ecuador, country of great opportunities:
At the centre of the world and the Andean market. Direct access to the Pacific Ocean and only 700 miles from the Panama Canal.

Dollarized economy and low inflation:
Economic stability, sound financial system, financial integration, reduces transaction costs.

Developed infrastructure:
4 ports, 4 international airports, 2 cross-border airports, 7 national airports; 10 thousand km of road network.

Area devoted to livestock

2,941,270 hectares

Agricultural surface

2,192,700 hectares

Ecuador registers more than

200 types of crops

Number of heads of livestock

Bovine
4,653,809

Swine
983,999

Sheep
561,949

Donkey
33,971

Equine
143,391

Mule
54,067

Goat
28,641

2,700 millions
of pounds of shrimp (aquaculture)

Industrial fishing between
500,000 600,000 tons per year

Artisanal fishing between
100,000 150,000 tons per year

Main agroexport supply

BANANA

Exports

USD 3,587
millions FOB

Fuente: BCE, 2023

Destinations

- Russia
- United States
- Netherlands

Potential market

(average tariff applied)

European Union	**(5.9 %)**
China	**(4.5 %)**

The banana is a delicious and nutritious fruit; it is also an important source of potassium, magnesium, phosphorus, zinc and calcium. It provides a great contribution of vitamin A, C, folic acid, tannins and soluble fiber, so it is easy to digest and also provides gastric protection.

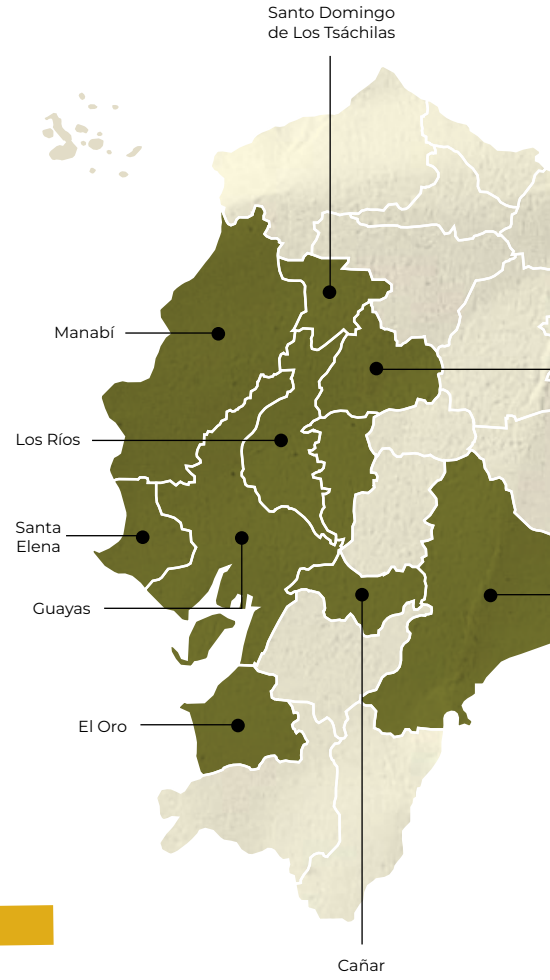
Derivative products

There are a variety of semi-finished products derived from bananas: banana puree, dehydrated bananas, banana chips, frozen bananas, banana flour and banana flakes.

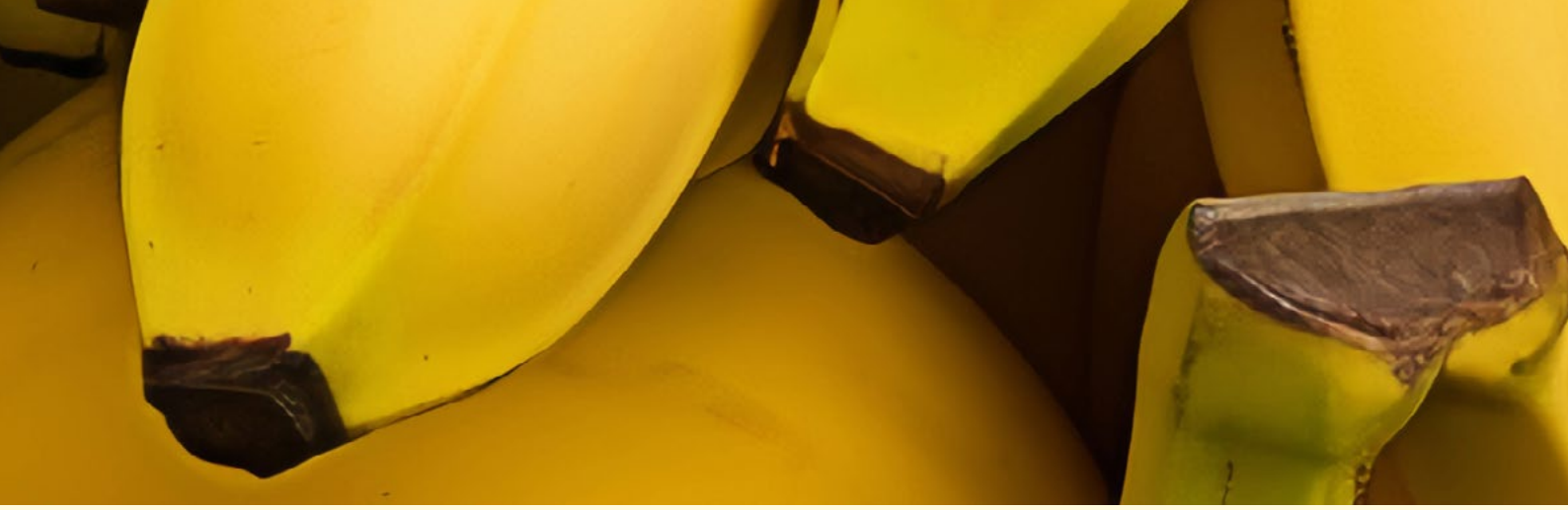
Qualitative description

Ecuador is the world's leading exporter of bananas; its quality is internationally recognized. In some coastal communities of Ecuador, this fruit is not only consumed as food, but its leaves are used in spiritual rituals, to attract good luck or as part of traditional ceremonies.

Ethnic self-identification of the producers



85.4 %	5.8 %	3.5 %	2.6 %	2.2 %	0.5 %
Mestizo	Montubio	Indigenous	White	Other	Afro-Ecuadorian



Trade Agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Agreement with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

Economic importance

In Ecuador's GDPt

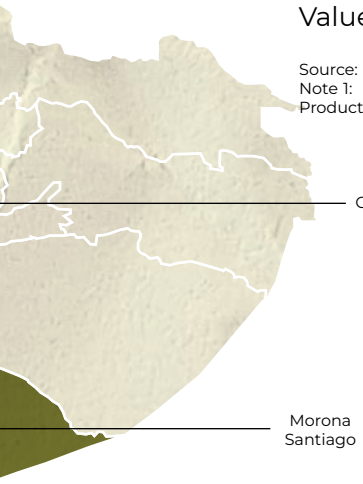
Bananas and plantains contributed **25.4 %** to the Agricultural Gross Value Added (GVA).

Source: MAG-CGINA, 2022
Note 1: Figures estimated from the structure of the Value of Production at current prices (BCE, 2022)

In non-oil exports

Bananas participated with **15.7 %.**

Source: BCE, 2023



Agricultural employment

A total of 126,821 people were involved in the banana production process

86 % men

14 % women

Surface area, production and yield

Province	Harvested Surface (ha)	Production (tons)	Yield (t/ha)
National	**175,181**	**7,159,814**	**40.87**
Los Ríos	66,120	3,049,723	46.12
Guayas	54,378	2,277,289	41.88
El Oro	35,421	1,484,179	41.90
Cotopaxi	3,924	106,928	27.25
Cañar	2,537	93,899	37.01
Santa Elena	2,235	59,763	26.74
Bolívar	4,176	22,268	5.33
Manabí	1,345	16,347	12.15
Santo Domingo de los Tsáchilas	1,006	15,877	15.78
Morona Santiago	1,342	8,966	6.68
Others	2,697	24,575	

Sourc: INEC, 2023
Note: Yield is the ratio between production and harvested area.

International certifications

GLOBALG.A.P. BASC FAIRTRADE USDA ORGANIC Rainforest Alliance

COCOA

Exports

USD 1,170
millions FOB

Source: BCE, 2023

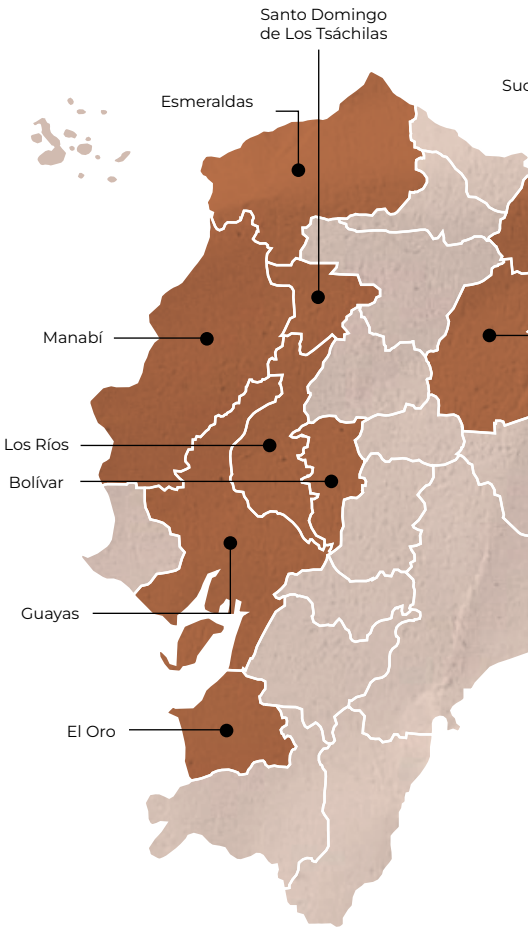
Destinations

- Malaysia
- Indonesia
- United States

Potential market

	(average tariff applie)
European Union	**(0 %)**
Malaysia	**(0 %)**

Cocoa is a fruit of tropical origin, its tree has small flowers and long petals, while its fruit is elongated. Depending on the variety of the seeds, the cob can be yellow, red or green. The grain of the cob is covered by a pulp rich in sugar, which can be used to make juice; it can also be transformed into liquor, butter, powder, nibs, coating and chocolate.



Derivative products

There are a variety of semi-finished products - cocoa derivatives - among the most important are: nibs, cocoa paste or liquor, cocoa butter, cocoa powder, chocolate and cocoa pulp.

Qualitative description

The Fino de Aroma cocoa, also known as Criollo or National, whose characteristic color is yellow, has a unique aroma and flavour, and is essential for the production of exquisite gourmet chocolate, which is sought after worldwide.

The International Cocoa Awards awarded Ecuador as “Best cocoa bean by geographical region” and “Best cocoa for its floral quality” at the Salon du Chocolat in Paris in 2011.

Ethnic self-identification of the producers

53 %	44.4 %	1.7 %	0.4 %	0.3 %	0.1 %
Mestizo	Montubio	Indigenous	Other	White	Afro-Ecuadorian

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

Economic importance

In Ecuador's GDP

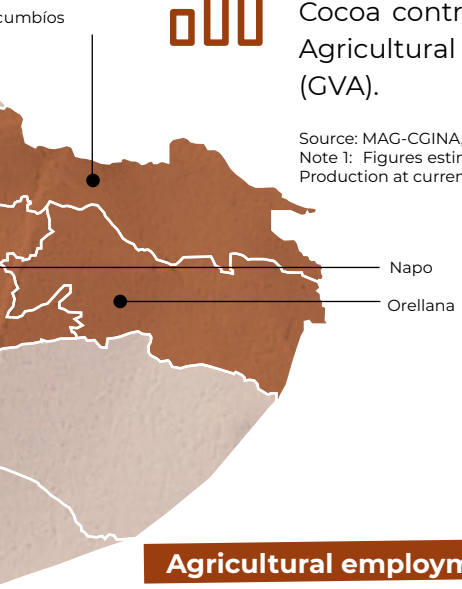
Cocoa contributed **8.2 %** to the Agricultural Gross Value Added (GVA).

Source: MAG-CGINA, 2022
Note 1: Figures estimated from the structure of the Value of Production at current prices (BCE, 2022).

In non-oil exports

Cocoa beans and their derivatives accounted for **6.0 %**.

Source: BCE, 2023



Agricultural employment

A total of 409,727 people were involved in the cocoa production process.

78 % men

22 % women

Surface area, production and yield

Province	Harvested Surface (ha)	Producción (tons)	Yield (t/ha)
National	**516,634**	**375,719**	**0.73**
Los Ríos	111,887	99,055	0.89
Manabí	97,360	68,313	0.70
Esmeraldas	90,248	65,504	0.73
Guayas	85,665	52,206	0.61
Santo Domingo de los Tsáchilas	24,182	21,843	0.90
Sucumbíos	22,447	18,878	0.84
Orellana	19,608	11,600	0.59
Bolívar	17,304	10,323	0.60
El Oro	11,283	6,377	0.57
Napo	10,466	5,653	0.54
Others	26,184	15,968	

Source: INEC, 2023
Note: Yield is the ratio between production and harvested area.

International certifications

GLOBALG.A.P. · BASC · FAIRTRADE · USDA ORGANIC · Rainforest Alliance

OIL PALM

Exports

USD 114
millions FOB

Source: BCE, 2023

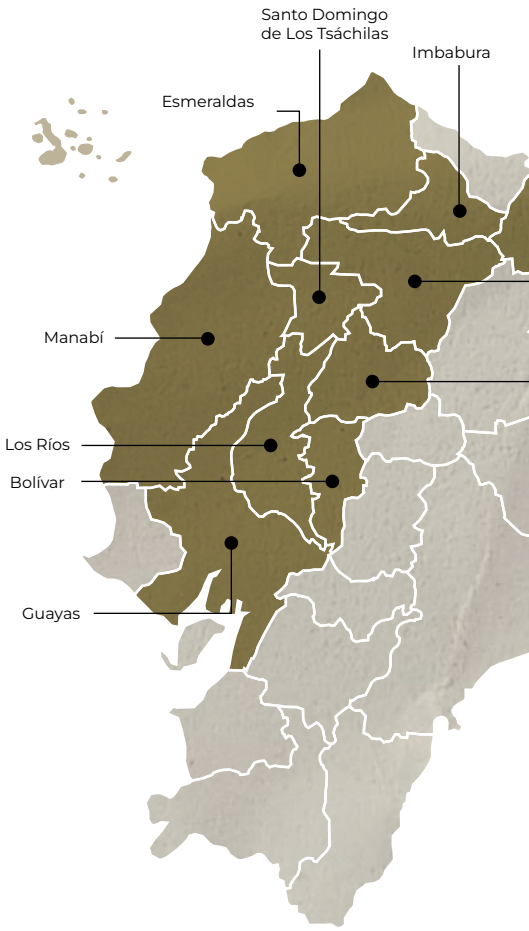
Destinations

- Colombia
- United States
- Netherlands

Potential market

	(average tariff applied)
European Union	**(5.9 %)**
United States	**(0 %)**
China	**(4.5 %)**

Oilseed species are fruits and seeds that accumulate large quantities of highly energetic oils and fats. In Ecuador, in the last 50 years, a flourishing oilseed industry has developed, whose exploitation is based on the extraction of vegetable oils and shortenings for cooking. It is mainly used as an ingredient in the food industry, such as: biscuits, chocolate, bakery, ice cream, confectionery, fried foods, ingredients in animal feed, as well as in the pharmaceutical and cosmetics industry, personal and household cleaning, biodiesel, among others.



Derivative products

There are a variety of semi-finished products derived from the oil palm, the most important of which are: margarine, palm kernel oil, vegetable fats and oils.

Qualitative description

It helps to reduce saturated fats and contains 0% trans fat, omega 3 and omega 6. In addition, it is an important source of energy and provides fatty acids for a balanced nutrition.

Ethnic self-identification of the producers

82.8 %	6.4 %	7.4 %	1.5 %	1.2 %	0.7 %
Mestizo	Montubio	White	Other	Indigenous	Afro-Ecuadorian

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Agreement with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

Economic importance

In Ecuador's GDP

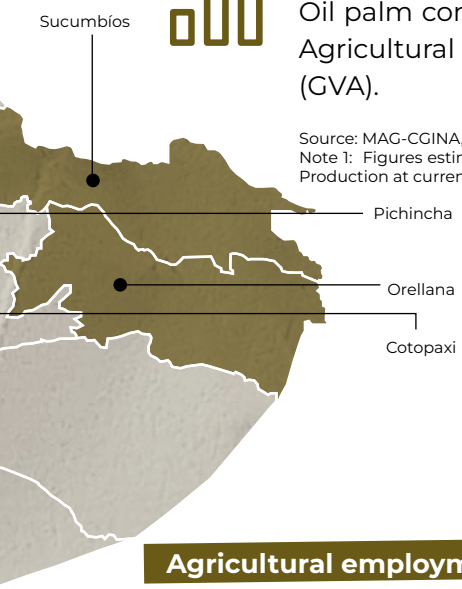
Oil palm contributed **3.0 %** to the Agricultural Gross Value Added (GVA).

Source: MAG-CGINA, 2022
Note 1: Figures estimated from the structure of the Value of Production at current prices (BCE, 2022).

In non-oil exports

Palm oil accounted for **1.4 %**.

Source: BCE, 2023



Agricultural employment

A total of 34,617 people participated in the production process of oil palm cultivation.

93 % men

7 % women

Surface area, production and yield

Province	Harvested Surface (ha)	Production (tons)	Yield (t/ha)
National	**137.678**	**2.049.700**	**14,89**
Los Ríos	45.264	730.464	16,14
Esmeraldas	48.894	693.455	14,18
Guayas	12.701	280.980	22,12
Sucumbíos	16.641	211.923	12,73
Manabí	5.410	43.037	7,96
Santo Domingo De Los Tsáchilas	2.037	33.728	16,56
Orellana	3.565	27.445	7,70
Cotopaxi	737	15.940	21,62
Pichincha	1.778	6.710	3,77
Imbabura	588	4.866	8,27
Bolívar	63	1.152	18,40

Source: INEC, 2023
Note: Yield is the ratio between production and harvested area

International certifications

FSSC 22000 · BASC · ISO 14001 CERTIFIED

BROCCOLI

Exports

USD 175
millions FOB

Source: BCE, 2023

Destinations

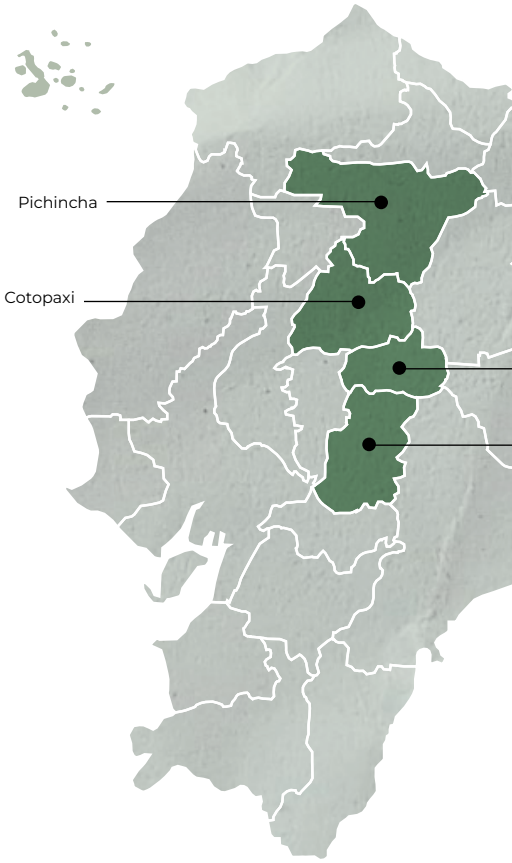
- United Stated
- Japan
- Germany

Potential market

	(average tariff applied)
United States	**(0 %)**
Japan	**(6 %)**
European Union	**(0 %)**

Ecuadorian broccoli is highly sought after in the international market for its quality. The geographical location of Ecuador allows the plantations to receive a large amount of sunlight during the day, giving the product a very green tone and a compact floret, which facilitates special cuts while preserving a characteristic flavour that is different from that produced by other countries.

Ecuador is the only country that produces broccoli all year round, which means that production is consistent every month.



Qualitative description

Broccoli contains large amounts of vitamin C, folic acid and vitamin A, which are important antioxidants.

Ethnic self-identification of the producers

82.8 % Mestizo	**6.4 %** Montubio	**7.4 %** White
1.5 % Other	**1.2 %** Indigenous	**0.7 %** Afro-Ecuadorian

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Scope of Complementation with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

Economic importance

In Ecuador's GDP

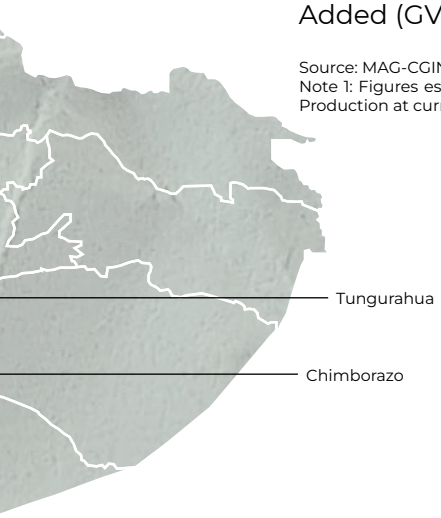
Broccoli and cauliflower contributed **0.6 %** to the Agricultural Gross Value Added (GVA). Agropecuario.

Source: MAG-CGINA, 2022
Note 1: Figures estimated from the structure of the Value of Production at current prices (BCE, 2022).

In non-oil exports

Broccoli accounted for **2.1 %**.

Source: BCE, 2023



Surface area, production and yield			
Province	Harvested Surface (ha)	Production (tons)	Yield (t/ha)
National	**9.850**	**197.221**	**20,02**
Cotopaxi	6.825	130.385	19,10
Tungurahua	2.487	60.079	24,16
Chimborazo	520	6.520	12,54
Pichincha	18	237	13,16

Source: INEC, 2023
Note: Yield is the ratio between production and harvested are.

Agricultural employment

A total of 17,620 people participated in the broccoli production process.

41 % men

59 % women

International certifications

BRC FOOD CERTIFICATED · HACCP CERTIFIED · BPM · IFS International Featured Standards · BASC · GLOBALG.A.P. · HALAL · K · ÖKO-GARANTIE BCS AGRINPUT

PITAHAYA

Exports

USD 171
millions FOB

Source: BCE, 2023

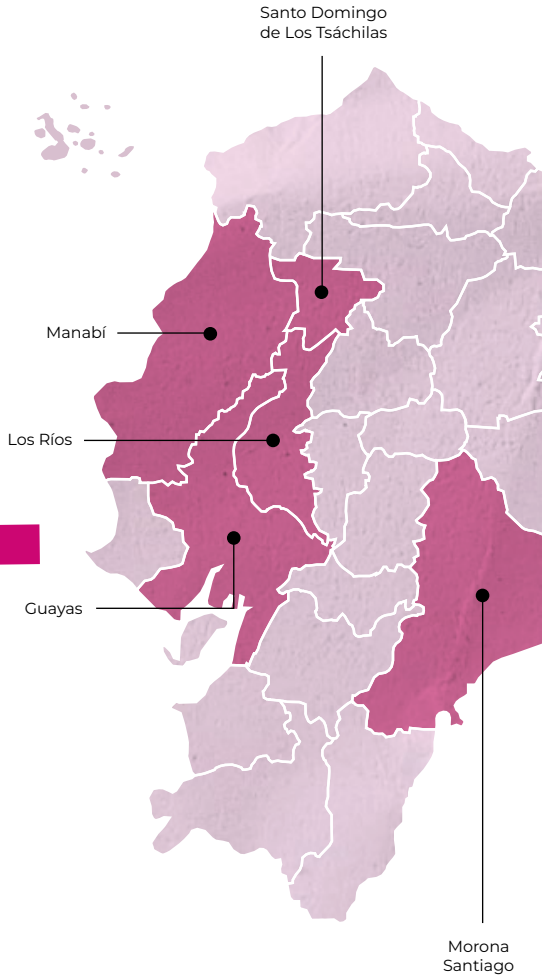
Destinations

- United States
- Hong Kong
- Spain

Potential market

	(average tariff applied)
China	**(0 %)**
United States	**(0 %)**
European Union	**(0 %)**

This exotic fruit has a high consumption worldwide, among other characteristics, for its digestive and medicinal properties. Its pulp contains a high level of vitamin C, fiber, phosphorus and calcium; helping to minimize uric acid in the blood; in addition, it can prevent joint diseases.



Qualitative description

Thanks to its low percentage of calories, it is recommended for healthy diets.

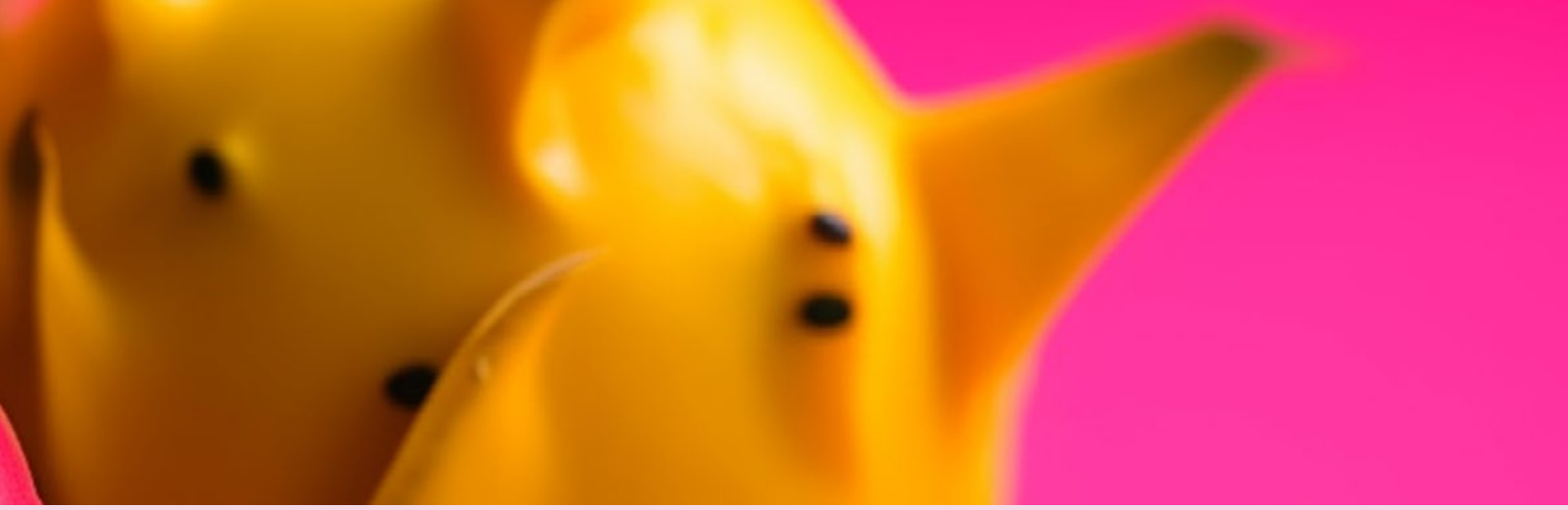
Ethnic self-identification of the producers

Yellow Pitahaya

76.0 % Mestizo	12.0 % Other	8.0 % Indigenous
4.0 % Montubio	0.0 % White	0.0 % Afro-Ecuadorian

Pitahaya Roja

78.8 % Mestizo	12.1 % Montubio	6.1 % White
3.0 % Indigenous	0.0 % Afro-Ecuadorian	0.0 % Other



Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Agreement with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

Economic importance

In Ecuador's GDP

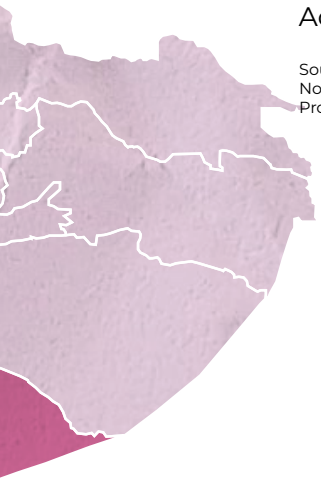
Pitahaya and other fruits contributed **0.5 %** to the Agricultural Gross Value Added (GVA).

Source: MAG-CGINA, 2022
Note 1: Figures estimated from the structure of the Value of Production at current prices (BCE, 2022).

In non-oil exports

Pitahaya contributed **0.8 %.**

Source: BCE, 2023



Agricultural employmer

A total of 13,895 people participated in the pitahaya production process.

88 % men

12 % women

International certifications

GLOBALG.A.P.

Yellow Pitahaya surface area, production and yield

Province	Harvested Surface (ha)	Production (tons)	Yield (t/ha)
National	**1.718**	**25.862**	**15,05**
Morona Santiago	1.616	25.308	15,66
Manabí	28	98	3,50
Guayas	2	10	5,00
Santo Domingo de los Tsáchilas	6	20	3,33
Other	66	426	

Superficie, producción y rendimiento Pitahaya Roja

Province	Harvested Surface (ha)	Prodution (tons)	Yield (t/ha)
National	**1.914**	**13.907**	**7,27**
Guayas	1.190	8.257	6,94
Manabí	547	4.621	8,45
Santo Domingo de los Tsáchilas	11	322	30,00
Los Ríos	6	25	4,16
Other	160	682	

Source: INEC, 2023
Note: Yield is the ratio between production and harvested area.
Note: The information for this crop is not published by INEC because the data is obtained through a sample survey and the errors associated with the estimates of unpublished crops can be very high and some are losing their level of representativeness, therefore, the data provided are not official but referential.

PLANTAIN

Exports

USD 183
millions FOB

Source: BCE, 2023

Destinations

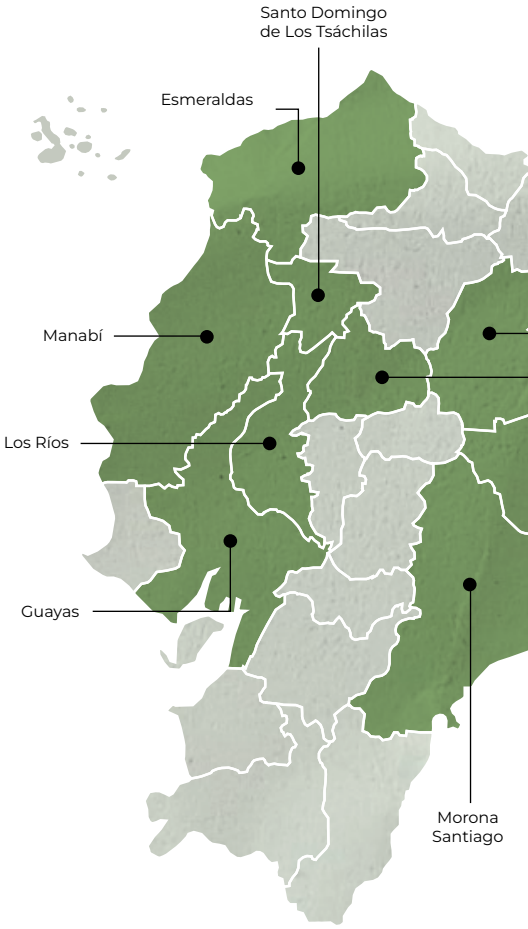
- United States
- Chile
- Spain

Potential market

	(average tariff applied)
United States	**(0 %)**
Romania	**(0 %)**
European Union	**(0 %)**

It has a high nutritional value, so it is an important source of potassium, magnesium and phosphate. Potassium in plantains is good for the heart; it can help prevent hypertension and heart attacks.

The high content of vitamins A, B6 and C helps maintain good vision, healthy skin and contribute to strengthening the immune system. It is also high in fiber and carbohydrates.



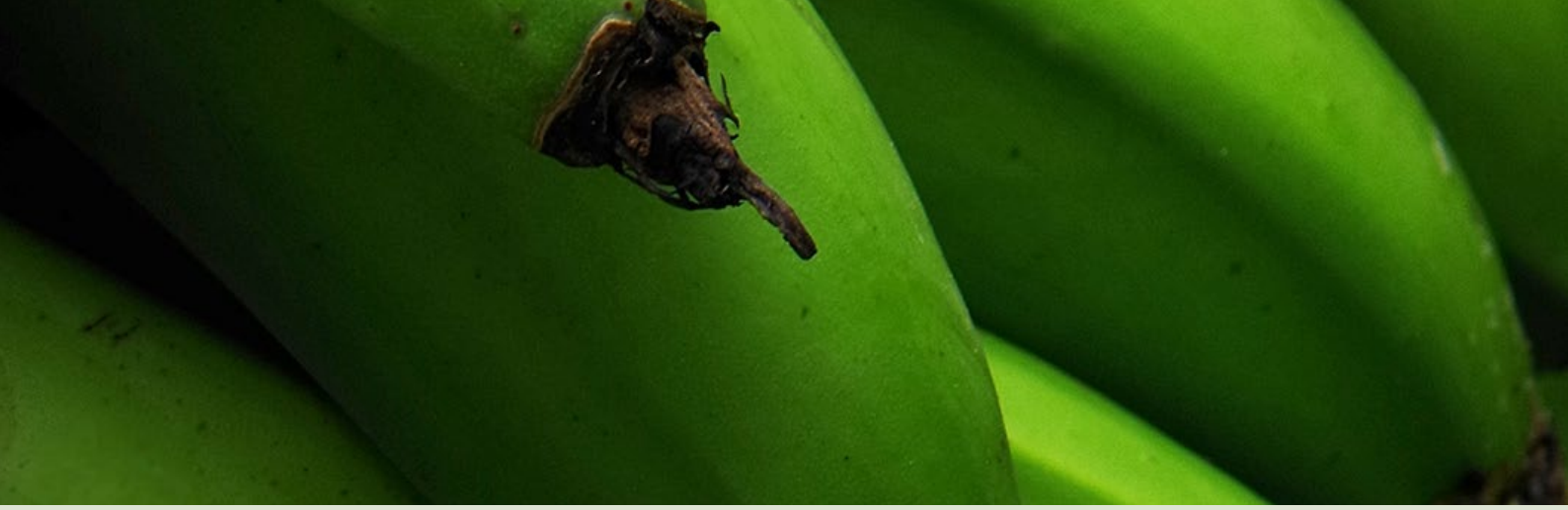
Qualitative description

It contains resistant starch, which helps to keep blood sugar levels low.

Ecuador's climate benefits its cultivation, which allows for year-round production.

Ethnic self-identification of the producers

58.3 % Mestizo	**23.3 %** Montubio	**14.5 %** Indigenous
2.3 % Afro-Ecuadorian	**1.2 %** White	**0.4 %** Other



Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, Partial Scope of Complementation with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela. .

Economic importance

In Ecuador's GDP

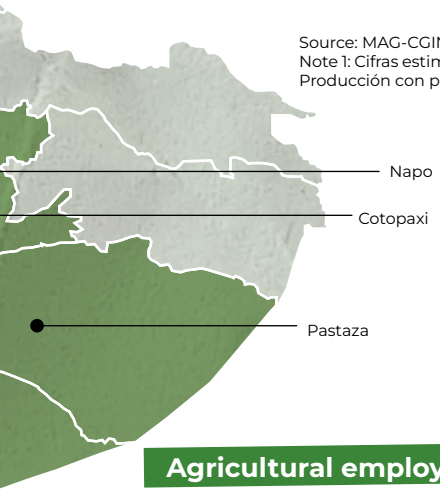
Bananas and plantains contributed **25.4 %** to the Agricultural Gross Value Added (GVA).

Source: MAG-CGINA, 2022
Note 1: Cifras estimadas a partir de la estructura del Valor de la Producción con precios corrientes (BCE, 2022).

In non-oil exports

Plantain contributed **0.8 %**.

Source: BCE, 2023



Agricultural employment

A total of 126,389 people participated in the plantain crop production process.

74 % men

26 % women

Surface area, production and yield

Province	Harvested Surface (ha)	Production (tons)	Yield (t/ha)
Total	**119.637**	**840.599**	**07.01**
Manabí	49.122	307.447	6,26
Guayas	12.352	135.828	11,00
Santo Domingo de los Tsáchilas	15.912	124.415	7,82
Los Ríos	14.758	104.798	7,10
Napo	5.930	30.470	5,14
Esmeraldas	5.490	25.504	4,65
Cotopaxi	2.073	21.015	10,14
Morona Santiago	2.074	19.702	9,50
Pastaza	2.554	15.096	5,91
Others	9.372	56.323	

Source: INEC, 2023
Note: Yield is the ratio between production and harvested area.

International certifications

GLOBALG.A.P.

SHRIMP

Exports

USD 7,205
millions FOB

Source: BCE, 2023

Destinations

- China
- United States
- Spain

Potential market

	(average tariff applied)
China	**(4.5 %)**
United States	**(0 %)**
Japan	**(1 %)**

Ecuador is a pioneer in shrimp farming in the American continent; the shrimp production sector is one of the most dynamic industries in the country. It is a product with excellent flavour, quality and texture; this allows it to be recognized as the best shrimp in the world.

Qualitative description

Ecuador is the second largest shrimp exporter in the world with an annual supply of more than 1 billion pounds.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, Partial Scope of Complementation with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

International certificationts

BRC FOOD CERTIFICATED · asc CERTIFIED · Naturland · BASC · ECO CERT · AB AGRICULTURE BIOLOGIQUE · HACCP CERTIFIED · BIOSUISSE · qcs quality certification SERVICES · BAP CERTIFIED · Sedex · GLOBALG.A.P. · SSP Sustainable Shrimp Partnership

CANNED FISH

Exports

USD 1,327
millions FOB

Source: BCE, 2023

Destinations

- Spain
- United States
- Colombia

Potential market

	(average tariff applied)
United States	**(35 %)**
European Union	**(0 %)**
Japan	**(6 %)**

Ecuadorian tuna is one of the most demanded products in the international market. On the other hand, this product is rich in proteins, Omega 3, vitamins A, B12, D, calcium, zinc and other nutrients, which make consumers prefer it instead of beef, pork or chicken.

Qualitative description

Ecuador is the second largest exporter of canned tuna in the world; it is also the second largest tuna fleet in the Eastern Pacific Ocean.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

International certifications

DOLPHIN SAFE · MSC · ISO · BRC FOOD CERTIFICATED · IFS International Featured Standards · GMP GOOD MANUFACTURING PRACTICE · HACCP CERTIFIED · BASC Business Alliance for Secure Commerce · BAP CERTIFIED · K

FISH

Exports

USD 201
millions FOB

Source: BCE, 2023

Destinations

- United States
- Spain
- Ivory Coast

Potential market

	(average tariff applied)
United States	**(0 %)**
China	**(7 %)**
Japan	**(5.3 %)**

Due to the convergence of marine currents and its strategic geographic location, Ecuador offers a great variety of fish species of commercial interest throughout the year. Among the export products that we can find in the fishing sector are those generated from white, fresh and frozen fish, as well as their derivatives, such as fishmeal and fish oil.

Qualitative description

Ecuador has more than 650 vessels dedicated to pelagic fishing and other fisheries. It also has an artisanal fleet of more than 19,000 units nationwide.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, Partial Scope of Complementation with Guatemala, EFTA Agreement, Partial Scope Agreement with Nicaragua, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

Certificaciones internacionales

DOLPHIN SAFE · MSC · ISO · BRC FOOD CERTIFICATED · IFS International Featured Standards · GMP GOOD MANUFACTURING PRACTICE · HACCP CERTIFIED · BASC Business Alliance for Secure Commerce

Products with agroexport potential

Processed

BANANA

Banana puree

Exports*

USD 58,750,432
FOB

Destinations

Potential market**

	(average tariff applied)
European Union	**(0 %)**
United States	**(7.7 %)**
Canada	**(9.2 %)**

Ecuadorian banana puree is in great demand in the food industry, especially in the production of baby products, due to its natural sweetness.

Fun fact

In some regions of Ecuador, mashed banana was formerly used as a home remedy to relieve insect bites and treat sunburn, due to its soothing and moisturizing properties.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, Partial Scope of Complementation with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
**The information refers to the access tariffs of Ecuadorian products to the countries (markets) detailed. Obtained from: Ecuador's Market Access Map and negotiation tariff reduction Schedules

Dehydrated bananas

Exports*

USD 6,797,669
FOB

Destinations

Potential market**

	(average tariff applied)
European Union	**(5.9 %)**
United States	**(0 %)**
China	**(4.5 %)**

Ecuador also produces dehydrated bananas, a healthy and energetic snack.

Fun fact

In some rural areas, field workers carry dehydrated bananas as a supply because they are a light and long-lasting source of energy, especially for extreme conditions.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

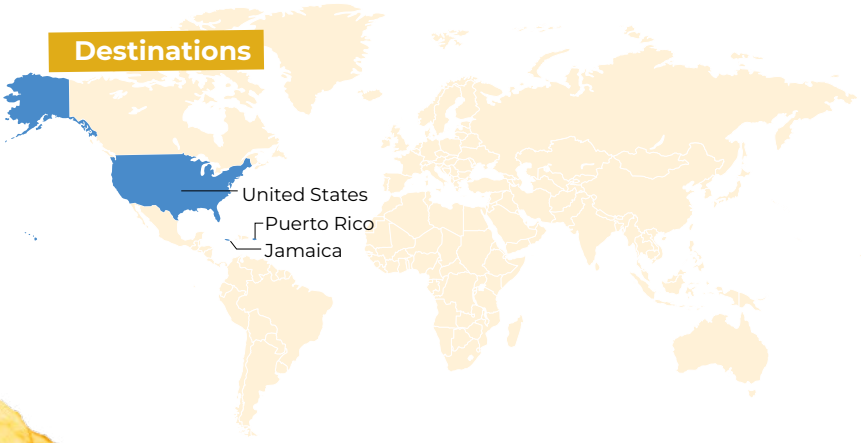
*Sourcee: SENAE
**The information refers to the access tariffs of Ecuadorian products to the countries (markets) detailed. Obtained from: Ecuador's Market Access Map and negotiation tariff reduction Schedules.

Banana Chips

Exports*

USD 1,561,990
FOB

Destinations



Potential market**

	(average tariff applied)
European Union	**(0 %)**
United States	**(4.3 %)**
China	**(1.9 %)**

This product is a very popular and healthy alternative. Ecuadorian banana chips are valued for their flavour and crunchy texture.

Fun fact

Banana chips are not only eaten as snacks, in some parts of the Ecuadorian Amazon, they are used in ceremonies as offerings to the Pachamama (Mother Earth) and as a symbol of gratitude for the harvests.

Trade agreements

CAN, MERCOSUR, PAR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

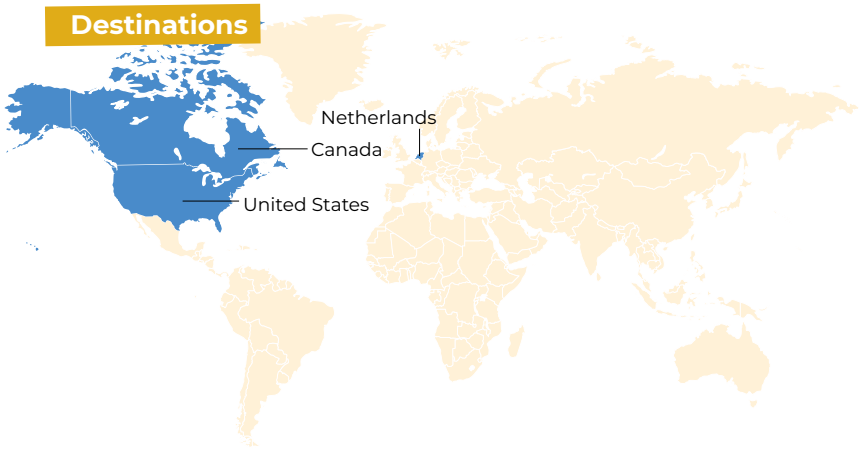
*Source: SENAE
**The information refers to the access tariffs of Ecuadorian products to the countries (markets) detailed. Obtained from: Ecuador's Market Access Map and negotiation tariff reduction Schedules.

Frozen banana

Exports*

USD 16,532,505
FOB

Destinations



Potential market**

	(average tariff applied)
European Union	**(5.9 %)**
United States	**(0 %)**
China	**(28.6 %)**

Mainly used in the ice cream and smoothie industry, frozen bananas from Ecuador retain all its nutritional properties.

Fun fact

In artisanal production, some small communities use frozen bananas as a basic component to create homemade ice creams that do not require dairy products, due to the naturally creamy texture of bananas.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Scope of Complementation with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Venezuela Framework Agreement

*Source: SENAE
**The information refers to the access tariffs of Ecuadorian products to the countries (markets) detailed. Obtained from: Ecuador's Market Access Map and negotiation tariff reduction Schedules.

Banana flour

Exports*

USD 2,489,220
FOB

Destinations

Potential market**

	(average tariff applied)
European Union	**(0 %)**
United States	**(0.9 %)**
Canada	**(0 %)**

It is a gluten-free, fiber-rich option used for both baking and healthier food products.

Fun fact

Ecuadorian explorers used banana flour for long journeys due to its durability and high caloric content. Thus, it was a staple and portable food.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Agreement with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Venezuela Framework Agreement.

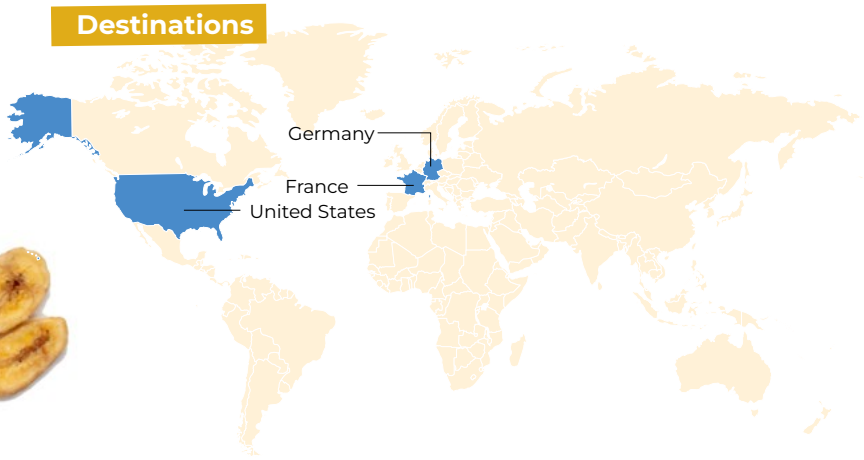
*Source: SENAE
**The information refers to the access tariffs of Ecuadorian products to the countries (markets) detailed. Obtained from: Ecuador's Market Access Map and negotiation tariff reduction Schedules.

Banana flakes

Exports*

USD 1,358,765
FOB

Destinations



Mercado potencial**

	(average tariff applied)
European Union	**(5.9 %)**
United States	**(0 %)**
China	**(4.5 %)**

They are dehydrated pieces used in cereals and healthy mixes.

Fun fact

Banana flakes, in addition to being consumed as food, were once used in ancient ceremonial practices to represent abundance at harvest festivals.

Trade agreements

CAN, MERCOSUR, PAR, Bilateral Agreement with Chile, Free Trade Agreement with China, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Venezuela Framework Agreement.

*Source: SENAE
**The information refers to the access tariffs of Ecuadorian products to the countries (markets) detailed. Obtained from: Ecuador's Market Access Map and negotiation tariff reduction Schedules.

Processed COFFEE

Roasted coffee

Exports*

USD 1,251,157
FOB

Potential market**

	(average tariff applied)
European Union	**(0 %)**
United States	**(0 %)**
Canada	**(0 %)**

Ecuador produces both Arabica and Robusta coffees, and the interesting thing is that Ecuadorian coffee is grown at different altitudes, from coastal areas to the Andes. This gives it a great variety of flavour profiles, from fruity and floral notes to richer and more chocolatey tones, depending on the region of cultivation. A fascinating detail is that Ecuador is one of the few countries where coffee is grown both in the coastal region and in the Amazon, which provides a great diversity to its roasted beans. This fact makes it a unique place in the world for coffee production.

Fun fact

Some coffee plantations in the Amazon region use agroforestry methods, which means that coffee beans are grown under the shade of native trees. This practice not only protects the local ecosystem, but also improves the quality of the bean, as shade cultivation allows the coffee to mature more slowly, developing richer and more complex flavours. In addition, these systems help to preserve biodiversity, creating habitats for local species of flora and fauna.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
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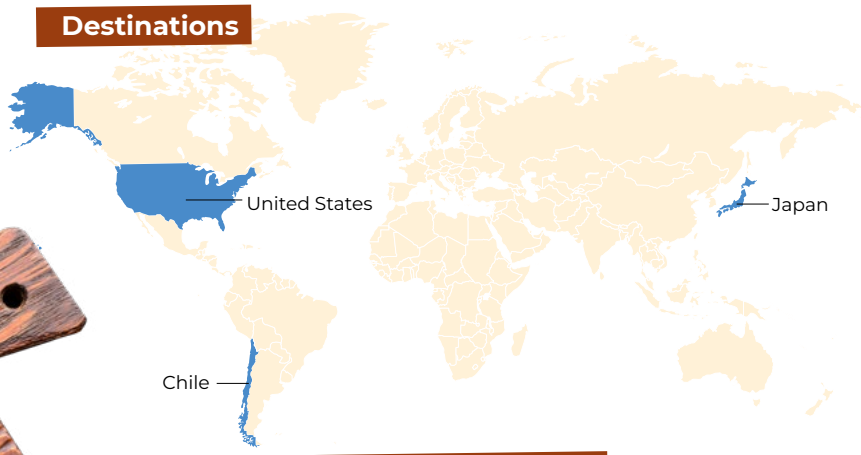
Processed COCOA

Cocoa paste

Exports*

USD 86,151,775
FOB

Destinations



Potential market**

(average tariff applied)

European Union	**(0 %)**
United States	**(0 %)**

Ecuador, with its fine flavour cocoa, produces cocoa paste used to make high quality chocolates worldwide.

Fun fact

There is a tradition in the indigenous communities of the Amazon of using cocoa paste in a type of initiation ritual, where it is shared among young warriors to strengthen community ties and give them “spiritual strength”.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, Partial Scope of Complementation with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
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Chocolate

Exports*

USD 20,994,051
FOB

Destinations

Potential market**

	(average tariff applied)
Canada	**(56.6 %)**

Ecuadorian chocolate, made with fine flavour cocoa, is internationally recognized. Several Ecuadorian brands have won global awards for their quality. Ecuadorian chocolate is not only consumed in bars, but also in desserts, drinks, fondues and as a coating for fruits and gourmet sweets.

Fun fact

Although most people know chocolate as a sweet, in Ecuador in ancient times it was used in ceremonies as a symbol of offering to the spirits and gods of the earth. It was considered a sacred food and not just an earthly pleasure.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Scope of Complementation with Guatemala, Partial Scope of Complementation with El Salvador, Aladi Complementation Agreement, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Venezuela Framework Agreement.

*Source: SENAE
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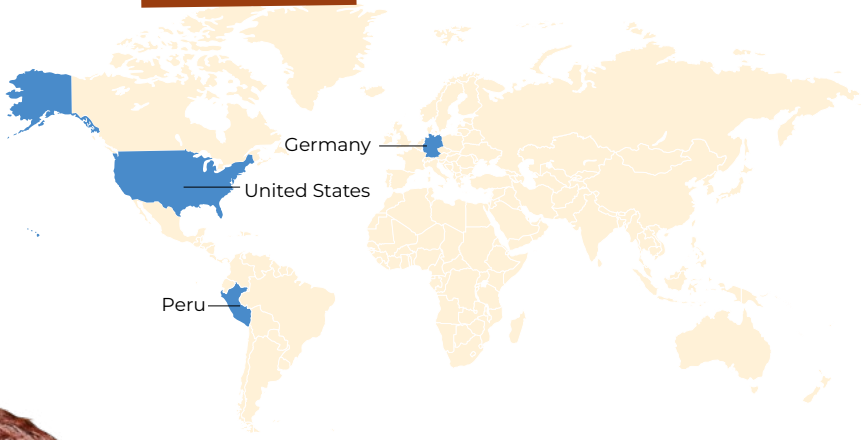
Cocoa butter

Exports*

USD 16,722,655
FOB

Destinations



Potential market**

	(average tariff applied)
United States	**(0 %)**

It is a derivative of cocoa, widely used in the cosmetics and food industry, appreciated for its smooth texture and benefits for the skin.

Fun fact

In some areas of the Amazonian Ecuador, cocoa butter is used not only in cosmetics but also as a natural medicine, to cure burns and skin irritations, passing this knowledge from generation to generation.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Agreement with Guatemala, Aladi Complementation Agreement, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
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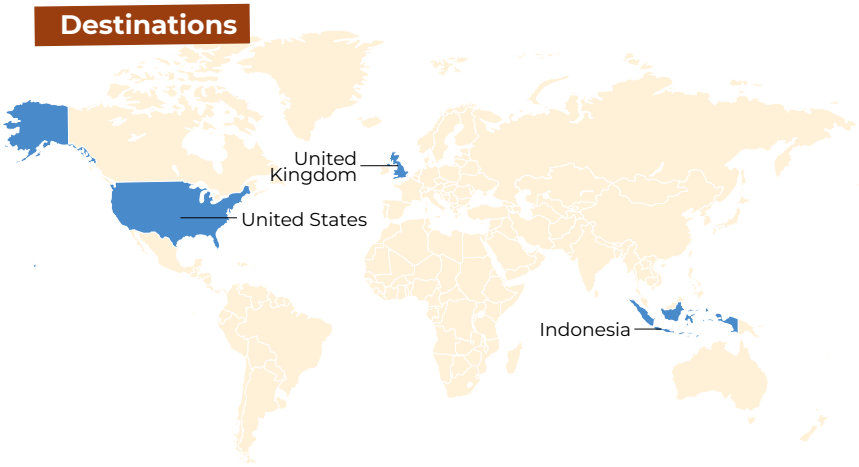
Cocoa nibs

Exports*

USD 832,688
FOB

Destinations



Potential market**

	(average tariff applied)
European Union	**(0 %)**
United States	**(0 %)**

Ecuadorian cocoa nibs, which are roasted cocoa nibs, are used as a superfood because of their high antioxidant content and intense flavour.

Fun fact

Cocoa nibs, besides being a food, were considered by some indigenous cultures as a “guardian of the soul”; they were used in necklaces to protect people from evil spirits.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
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Cocoa pulp

Exports*

USD 100,904
FOB

Destinations

Potential market**

	(average tariff applied)
European Union	**(0 %)**
Brazil	**(0 %)**

Mainly used in juices and fermented beverages, cocoa pulp has gained popularity for its exotic flavour and antioxidant properties.

Fun fact

In the Amazon region, cocoa pulp is fermented to produce traditional beverages and is also used in ancestral medicinal practices to treat stomach problems.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
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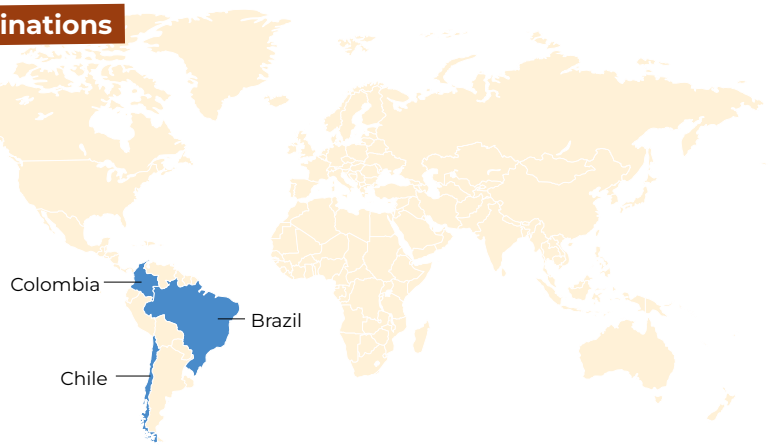
Cocoa powder

Exports*

USD 10,527,298
FOB

Destinations



Potential market**

	(average tariff applied)
United States	**(0 %)**
China	**(0 %)**

A very versatile product, Ecuadorian cocoa powder is used both in confectionery and in the preparation of beverages.

Fun fact

Cocoa powder is not only used in food and beverages, but in ancient times it was mixed with other ingredients to create natural dyes, which Amazonian tribes used to paint their bodies.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Agreement with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Venezuela Framework Agreement.

*Source: SENAE
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Processed

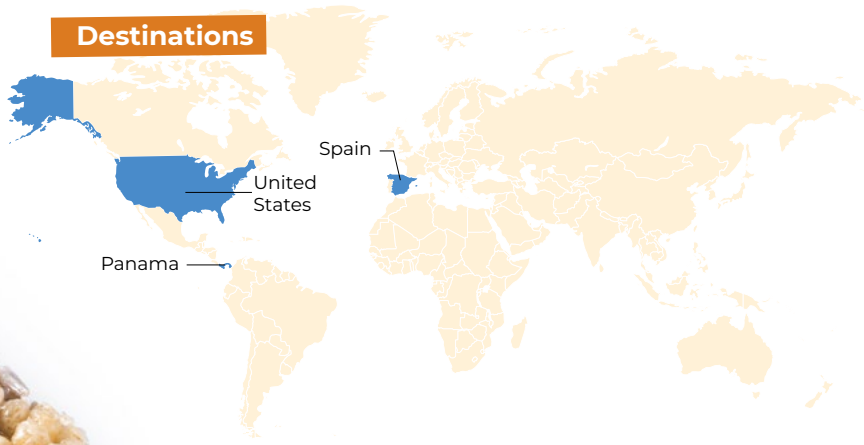
QUINOA

Quinoa protein bar

Exports*

USD 57,057
FOB

Destinations



Potential market**

	(average tariff applied)
European Union	**(0 %)**
United States	**(0 %)**

Protein bars, made from Ecuadorian quinoa, are gaining popularity as a healthy and energetic option.

Fun fact

Quinoa, besides being a great food, was used as an offering in fertility rituals in some indigenous communities of the Sierra, as it was believed to have the ability to bring abundance.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Scope with El Salvador, Partial Complementation Scope with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
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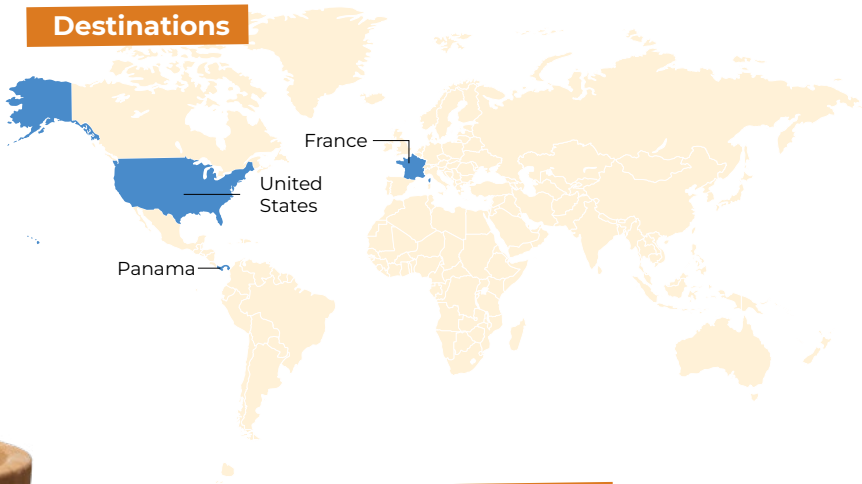
Quinoa flour and premixes

Exports*

USD 14,955
FOB

Destinations



Potential market**

	(average tariff applied)
European Union	**(5.6 %)**
United States	**(0 %)**
Chile	**(0 %)**

These are used in both bakery and gluten-free products, especially in markets looking for healthy and allergen-free options.

Fun fact

In ancient times, quinoa flour was not only used to make food, but also to make a kind of "ceremonial bread" that was consumed during important spiritual festivities.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Agreement with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Venezuela Framework Agreement.

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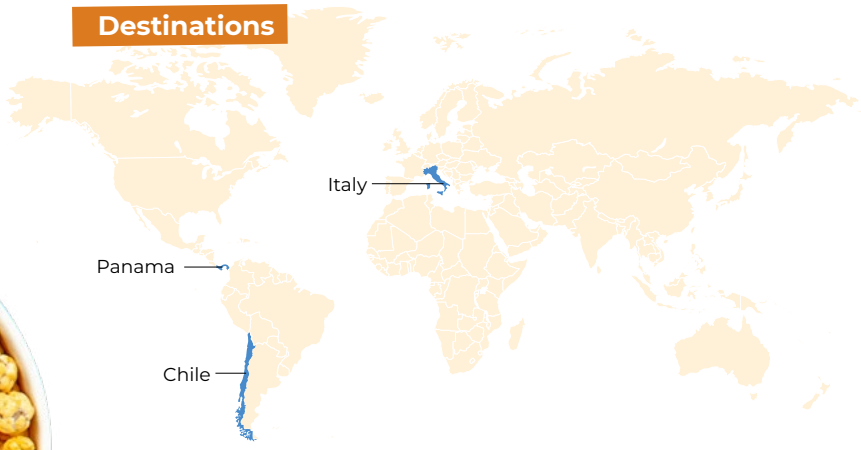
Quinoa snacks

Exports*

USD 67,262
FOB

Destinations



Mercado potencial**

	(average tariff applied)
European Union	**(0 %)**
United States	**(0 %)**
Chile	**(0 %)**

They are popular in the healthy snack market, due to their high protein content and low glycemic index.

Fun fact

Quinoa snacks were used by indigenous cultures as an energetic food during the long trade treks between the mountains and the Ecuadorian coast.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Scope with El Salvador, Partial Complementation Scope with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
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Processed

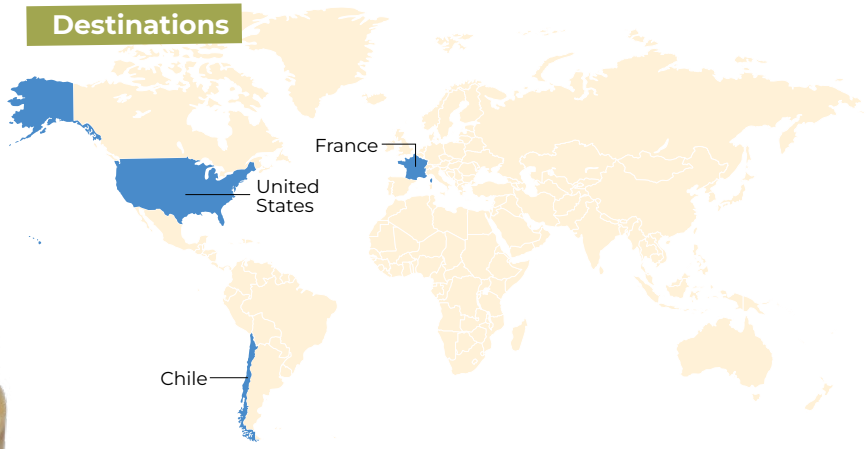
PALM HEART

Pickled palm heart

Exports*

USD 78,932,274
FOB

Destinations



Potential market**

	(average tariff applied)
European Union	**(0 %)**
United States	**(30 %)**
Chile	**(30 %)**

Ecuador is one of the main producers and exporters of pickled hearts of palm, which is consumed as a gourmet ingredient in salads and international dishes. It is also a popular substitute for vegetarian foods.

Fun fact

In the indigenous communities of the Amazon, the heart of palm is not only consumed as food, but some parts of the plant were used to make handicrafts and fabrics, due to the resistance of its fibers.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Agreement with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Venezuela Framework Agreement.

*Source: SENAE
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Processed

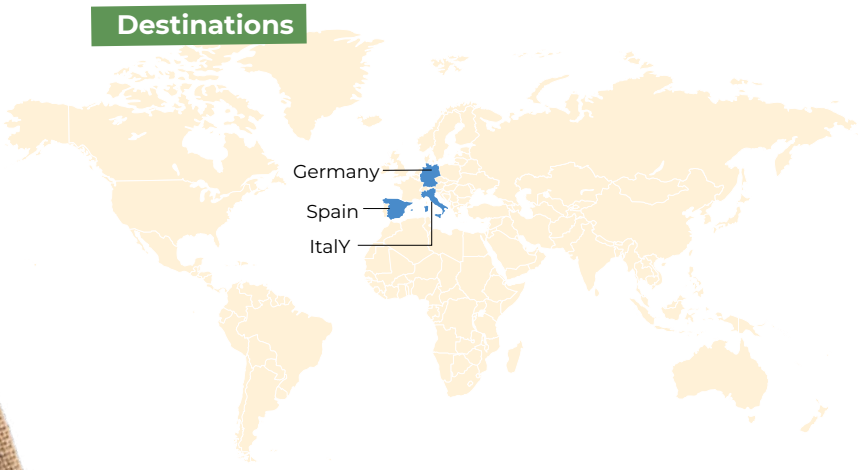
SUGAR CANE

Granulated panela

Exports*

USD 2,662,522
FOB

Destinations



Potential market**

	(average tariff applied)
European Union	**(62,5 %)**
United States	**(0 %)**

This unrefined sugar is very popular for its natural flavour and nutritional value, being exported to countries seeking healthy alternatives to white sugar.

Fun fact

In the past, the ancient inhabitants of the Ecuadorian Sierra used panela not only as a sweetener, but also as a medicinal ingredient to treat colds, mixing it with herbal infusions.

Trade agreements

CAN, PAR, China Free Trade Agreement, Guatemala Partial Complementation Agreement, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Venezuela Framework Agreement.

*Source: SENAE
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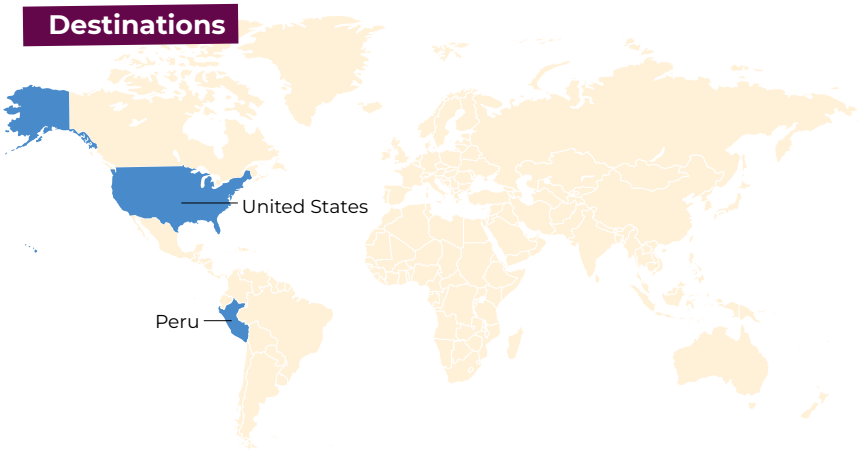
Processed
VANILLA

Vanilla essence

Exports*

USD 27,194
FOB

Destinations



Potential market**

	(average tariff applied)
South Korea	**(20 %)**

Ecuadorian vanilla is known for its strong and sweet aroma, being exported to gourmet markets around the world.

Fun fact

In some Amazonian indigenous cultures, vanilla was considered an aphrodisiac and was used in courtship rituals or in the preparation of love potions.

Trade agreements

CAN, MERCOSUR, PAR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
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Processed

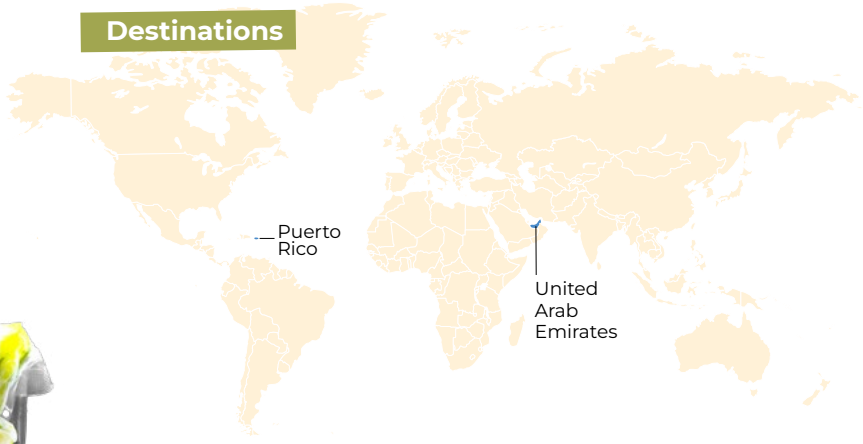
BROCCOLI

Frozen broccoli

Exports*

USD 5,643
FOB

Destinations



Potential market**

	(average tariff applied)
European Union	**(0 %)**
United States	**(9.1 %)**
Canada	**(12.5 %)**

Processed broccoli, such as dehydrated, frozen or pureed broccoli, is used in soups, stews and salads, and even as a supplement in green powders for healthy smoothies.

Fun fact

In modern times, dehydrated broccoli powder has started to be used in sports supplements due to its vitamin and mineral content that aids in muscle recovery.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, Partial Scope of Complementation with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

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Processed

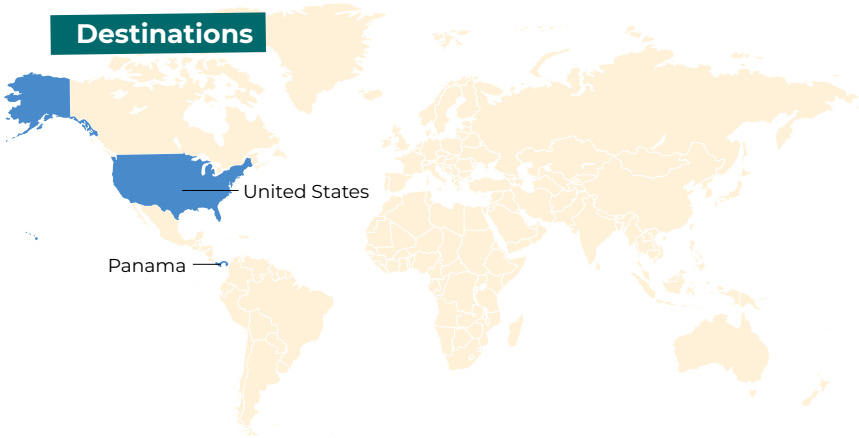
GUAYUSA

Guayusa beverages

Exports*

USD 2,411
FOB

Destinations



Potential market**

	(average tariff applied)
European Union	**(0 %)**
United States	**(0 %)**

These natural energy drinks are very popular for their caffeine and antioxidant content, offering a healthy alternative to conventional energy drinks.

Fun fact

Indigenous warriors consumed guayusa before going into battle because they believed it gave them clear vision and kept them awake at night, which gave them a strategic advantage.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, Partial Scope of Complementation with El Salvador, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
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Processed

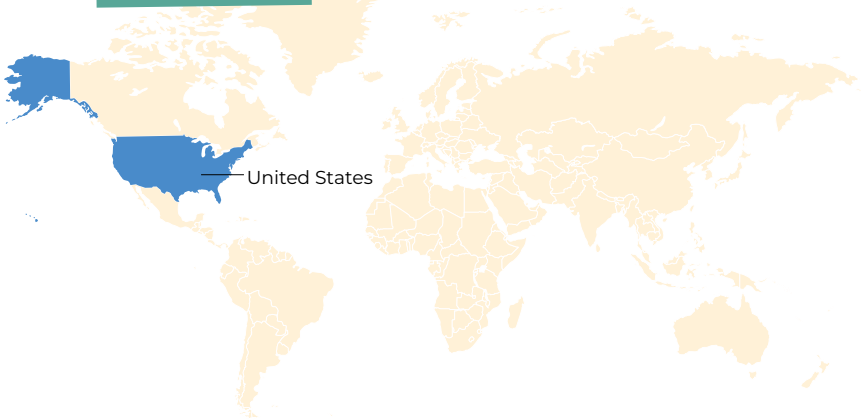
DAIRY

Cheese

Exports*

USD 454,681
FOB

Destinations



Potential market**

	(average tariff applied)
United States	**(7.1 %)**
China	**(11.6 %)**

Ecuadorian cheese, especially fresh cheese, is appreciated for its mild flavour and artisanal process. This type of cheese is a key ingredient in traditional dishes, such as "humitas" and "queso de hoja".

Fun fact

In ancient times, cheese was used in rituals, to ask the gods for abundant rains and fruitful harvests. In rural areas, it was used in some religious festivities, as a symbol of purity and fertility.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

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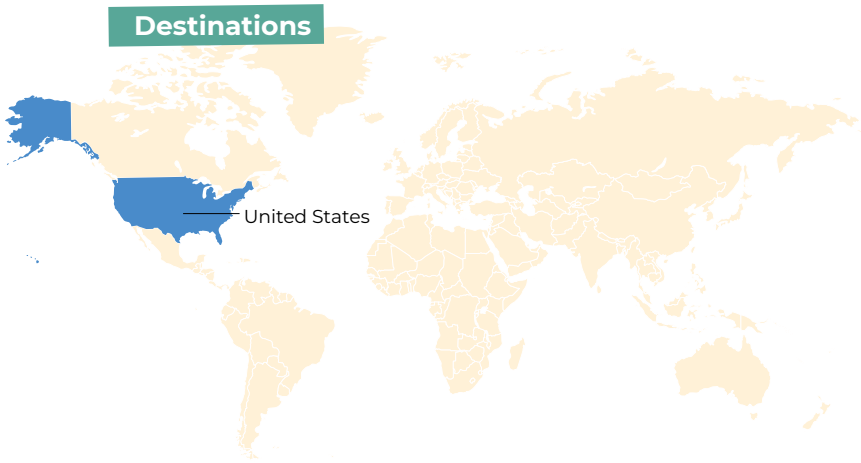
Yogurt

Exports*

USD 214,462
FOB

Destinations



Potential market**

	(average tariff applied)
United States	**(10.5 %)**

Ecuadorian yogurt, mostly handmade, is known for its creaminess and natural flavours, which include tropical fruits.

Fun fact

Ecuadorian yogurt has a tradition of homemade yogurt that has been passed from generation to generation, with family recipes that vary according to the region and include secret ingredients such as local herbs.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

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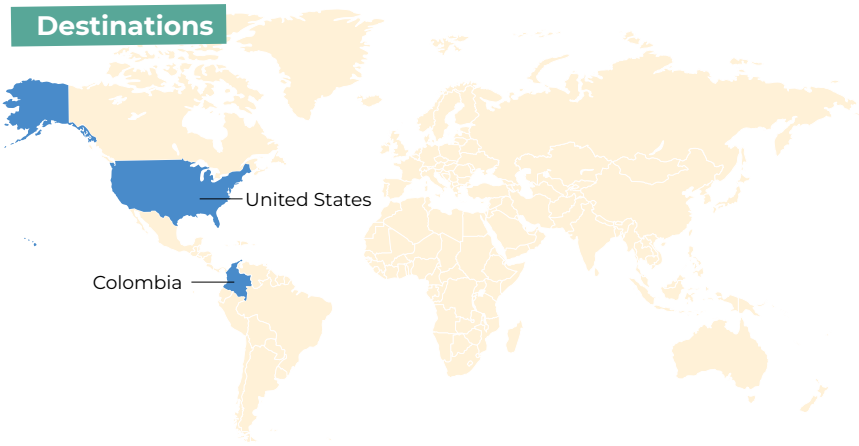
Milk beverages

Exports*

USD 1,866,669
FOB

Destinations



Potential market**

	(average tariff applied
China	**(11.6 %)**

Ecuadorian milk drinks are gaining ground, especially those that include chocolate and coffee flavours.

Fun fact

Some rural communities in the Andes prepared a drink that was considered energetic food, which was used as part of family rituals in important celebrations, such as harvest festivals. It was prepared with freshly milked milk and hand-ground cocoa, which gave it a more authentic and traditional flavour. In certain coffee plantations of the Sierra, the workers used to add milk to their coffee from the first hours of the day, not only for the flavour, but also because it was believed that milk helped to “calm” the effects of strong coffee on the empty stomach.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Aladi Complementation Agreement, Partial Scope of Complementation with El Salvador, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
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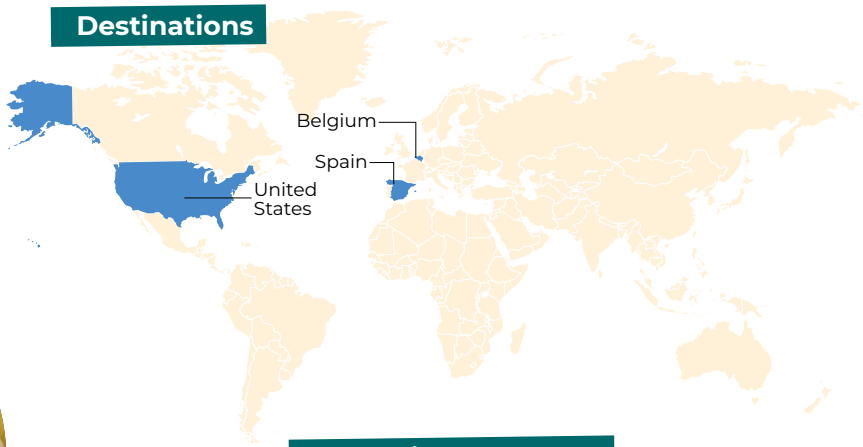
Processed
FRUITS

IQF frozen fruits

Exports*

USD 757,217.14
FOB

Destinations



Potential market**

	(average tariff applied)
European Union	**(5.9 %)**
United States	**(0 %)**
China	**(28.6 %)**

IQF Technology is an individual quick-freezing process that allows fruits to maintain their shape, flavour, color and nutrients, since the ice crystals formed during freezing are very small, which prevents damage to the cellular structure. IQF fruits are widely used in the food industry to make smoothies, desserts, yogurts, and ready meals, as they do not clump during freezing. Unlike fresh fruits, which deteriorate within days, IQF fruits can be kept in perfect condition for several months without added preservatives.

Fun fact

In Ecuador, fruits have a cultural and symbolic value that goes beyond their daily consumption. For example, during the celebrations of Pawkar Raymi (Feast of Blossoming), which is an Andean festival in gratitude to the Pachamama (Mother Earth), fruits are offered as a symbol of the abundance of the land.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Agreement with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
**The information refers to the access tariffs of Ecuadorian products to the countries (markets) detailed. Obtained from: Ecuador's Market Access Map and negotiation tariff reduction Schedules.

Processed

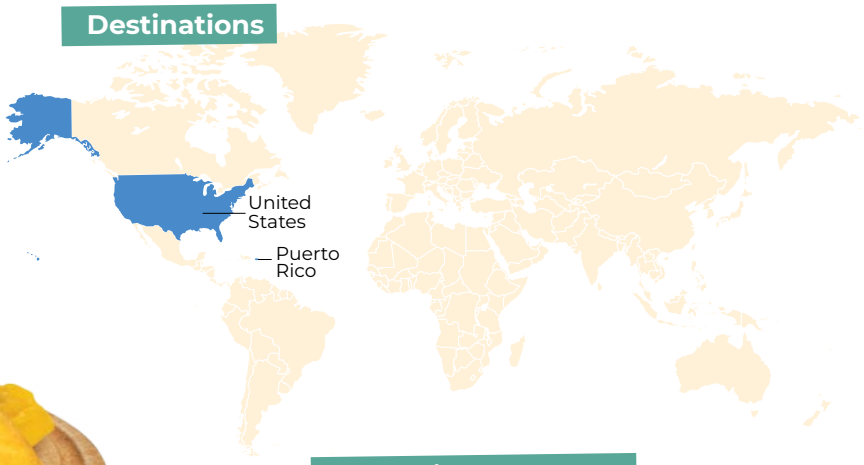
PLANTAIN

Frozen pre-fried maduro

Exports*

USD 2,622,316
FOB

Destinations



Potential market**

	(average tariff applied)
European Union	**(0 %)**
United States	**(0.9 %)**
Canada	**(0 %)**

Maduro (ripe plantain) is popular in Latin American cuisine, especially in countries such as Ecuador and Colombia, where it is used as a garnish or accompaniment to main dishes. Because it is pre-fried and frozen, it can be prepared quickly, which facilitates its use in restaurants or for people with little time to cook. The maduro is a good source of fiber, potassium and vitamins A and C. When frozen just after frying, it preserves most of its nutritional properties.

Fun fact

In the region of Manabí, there is a cultural tradition around maduro. In this province, maduro lampreado is a typical dish little known outside the region. This dish consists of breaded ripe plantain, fried and stuffed with cheese or meat, and is a gastronomic expression that combines the richness of local ingredients with ancestral culinary techniques.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Agreement with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
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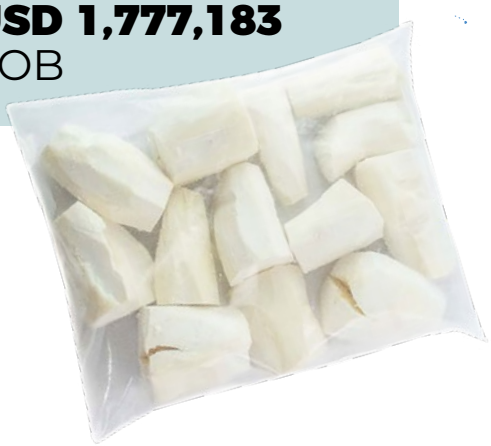
Processed YUCA

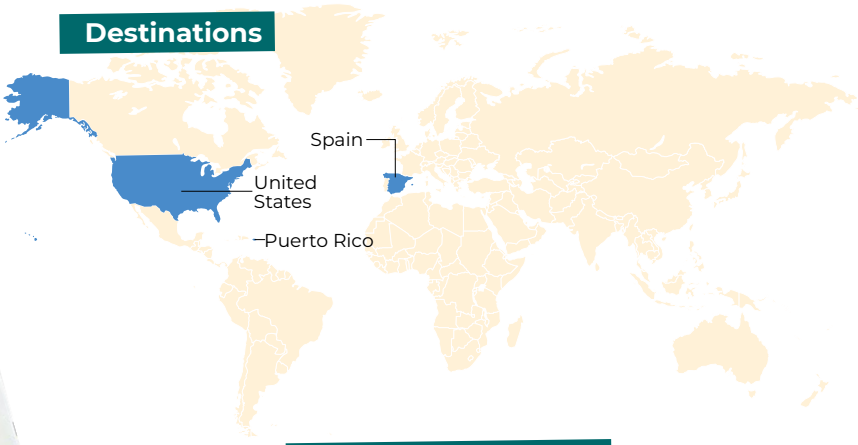
Frozen Yuca

Exports*

USD 1,777,183
FOB



Destinations



Potential market**

	(average tariff applied)
China	**(1.6 %)**
Thailand	**(35 %)**
Vietnam	**(6.5 %)**

The yuca is rich in complex carbohydrates and is an excellent source of energy, although it is low in protein and fat. Frozen yuca can be boiled, fried or used as a base for many recipes, such as yuca cake or fried yuca.

Fun fact

In Ecuador's Shuar culture, one of the country's indigenous Amazonian communities, yuca is not only a staple food, but also a deeply symbolic element in their cosmology and social life. For example, yuca is used in the preparation of chicha de yuca, a traditional fermented drink that has a very important cultural significance. In Shuar communities, chicha de yuca is a symbol of hospitality and social cohesion. The women are in charge of preparing this drink through a process that includes chewing the cooked yuca to initiate fermentation with the enzymes in their saliva. This preparation ritual connects women with the land and their ancestors, and chicha is shared at community events, ceremonies and celebrations.

Trade agreements

CAN, MERCOSUR, Bilateral Agreement with Chile, Free Trade Agreement with China, Partial Complementation Agreement with Guatemala, EFTA Agreement, United Kingdom Trade Agreement, European Union Trade Agreement, Framework Agreement with Venezuela.

*Source: SENAE
**The information refers to the access tariffs of Ecuadorian products to the countries (markets) detailed. Obtained from: Ecuador's Market Access Map and negotiation tariff reduction Schedules.

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www.produccion.gob.ec

www.agricultura.gob.ec

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Hand-in-Hand Initiative

En la Mitad del Mundo

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Iniciativa Mano de la mano

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VICEMINISTERIO DE PRODUCCIÓN E INDUSTRIAS
Fernando Pérez Darquea
DIRECTOR EJECUTIVO INSTITUTO DE PROMOCIÓN DEL ECUADOR - PRO ECUADOR
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Narcisa Farinango Lita
RESPONSABLE DIRECCIÓN DE PROMOCIÓN DE EXPORTACIONES
Cynthia Castillo Bravo

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Elena Bayas Bayas – Analista Estudios Económicos y Comerciales
Magda Robayo Vargas - Especialista de Estudios Económicos y Comerciales
Cecilia Enríquez Valladares - Analista de la Coordinación Técnica de Comercio Exterior
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Nathaly Tama Game – Coordinadora Sectorial de Agroalimentos
Luisa Quezada Elizalde – Especialista Sectorial de Agroalimentos
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MINISTRO DE AGRICULTURA Y GANADERIA
Danilo Palacios Márquez
VICEMINISTRO DE DESARROLLO PRODUCTIVO AGROPECUARIO
Esteban del Hierro Paredes
COORDINACIÓN GENERAL DE INFORMACIÓN NACIONAL AGROPECUARIA
Daniel Ordoñez Bucheli
DIRECCIÓN DE ANÁLISIS DE INFORMACIÓN AGROPECUARIA
Natalia Rumazo Chiriboga

EQUIPO TÉCNICO
Raúl Gaethe Coral
Mónica Heredia Villamarín
Tatiana Barba Cuenca
Ricardo Sánchez Molina

ORGANIZACIÓN DE LAS NACIONES UNIDAS PARA LA AGRICULTURA Y LA ALIMENTACIÓN
REPRESENTANTE DE FAO EN ECUADOR
Gherda Barreto Cajina
OFICIAL DE PROGRAMAS
Érika Zárate Baca
ESPECIALISTA ECONOMISTA DE CADENAS DE VALOR
Daniela García Díaz
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ATLAS AGROECONÓMICO DEL ECUADOR 2023

Organización de las Naciones Unidas para la Alimentación y la Agricultura

Iniciativa Mano de la mano

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Presentación

El Atlas Agroeconómico del Ecuador ha sido posible gracias a la articulación interinstitucional entre el Ministerio de Agricultura y Ganadería, el Ministerio de Producción, Comercio Exterior, Inversiones y Pesca, y Pro Ecuador, con el apoyo técnico de la Organización de las Naciones Unidas para la Alimentación y la Agricultura (FAO). Este documento es un testimonio del compromiso de Ecuador con el desarrollo rural inclusivo y sostenible, y se proyecta como una herramienta clave para la planificación estratégica del sector agroalimentario.

El Atlas refleja el liderazgo de Ecuador en la agroexportación mundial, y también posiciona al país como un referente en la atracción de inversiones estratégicas que promueven equidad, empleo decente y condiciones de vida dignas en las comunidades rurales. Ecuador ha consolidado su posición como una de las principales economías agroalimentarias de la región, siendo el primer exportador mundial de productos como el banano, camarón y pitahaya.

El sector agroalimentario es uno de los pilares fundamentales de la economía ecuatoriana, que aporta con el 15% del Producto Interno Bruto (PIB) y emplea a una de cada tres personas en el país. Su importancia no solo radica en la producción agrícola, pecuaria y pesquera, sino también en su capacidad para generar empleo y mejorar las condiciones de vida en las zonas rurales.

El Atlas Agroeconómico del Ecuador ofrece una visión integral y actualizada de la situación agroproductiva del país. Aporta datos detallados sobre la producción agrícola, pecuaria y acuícola, destacando tanto los productos primarios como los procesados, que juegan un rol fundamental en la dinámica exportadora y el mercado interno. En 2023, Ecuador produjo más de 7.2 millones de toneladas de productos agrícolas, sobresaliendo en cultivos como el banano, cacao y brócoli, mientras que su industria pesquera continúa siendo un actor clave en mercados globales como Estados Unidos, la Unión Europea y Japón.

El Atlas es, en definitiva, una herramienta esencial para la planificación, la inversión y el desarrollo del sector agropecuario, subrayando el compromiso de Ecuador con un futuro más equitativo, sostenible y próspero para sus comunidades rurales y el conjunto del país.

Sistema de Información Pública Agropecuaria (SIPA)

https://sipa.agricultura.gob.ec

Es un sistema integrado de información estadística y geográfica, que sirve como insumo para la toma de decisiones, permite generar conocimiento científico-académico y expone la situación del Ecuador, en el ámbito agropecuario.

El SIPA surge a partir del artículo 41 de la Ley Orgánica de Tierras Rurales y Territorios Ancestrales-LOTRTA, constituyéndose como un instrumento de consulta de información oficial, en constante actualización para adaptarse a las demandas de sus usuarios.

Integra:

- Información agroproductiva a nivel territorial, nacional o internacional de diversas fuentes de información oficiales.
- Datos analizados y procesados que permiten caracterizar al sector.

¿Qué información contiene?

Estadísticas históricas
de las principales variables económicas, productivas y sociales.

Estudios agroeconómicos sectoriales,
que resumen las principales estadísticas productivas sociales y económicas.

Boletines de variables multisectoriales
de las principales variables temáticas que atañen al sector: precios, crédito, clima, comercio exterior.

Boletines situacionales
con cifras del contexto internacional y nacional de más de 30 rubros agrícolas, pecuarios y silvícolas.

Precios multinivel
de mercados, bodegas, camales, ferias internacionales, agroindustrias, agroquímicos.

Información cartográfica
temática e información georreferenciada y estandarizada del sector agropecuario.

Además, el SIPA tiene una sección de reportes dinámicos temáticos:

- **Indicadores sectoriales:** Macroeconómicos y sociales agropecuarios.
- **Cifras agroproductivas:** Información productiva territorial.
- **Cifras territoriales:** Información agroeconómica provincial.
- **Soberanía alimentaria:** Indicadores de soberanía alimentaria.
- **Seguro agropecuario:** Información de seguro agrícola y ganadero.
- **Inclusión Financiera:** Financiamiento público y privado sectorial.

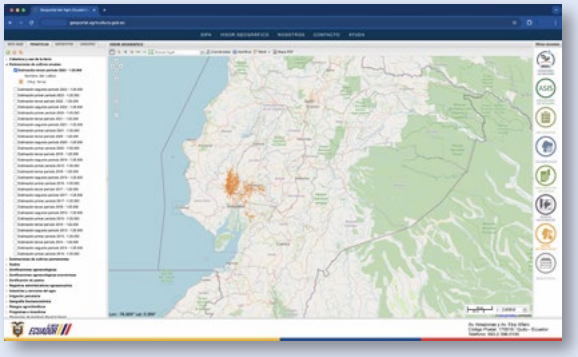
- **Comercio Exterior:** Información de comercio exterior agropecuario y agroindustrial.
- **Género:** Cifras agropecuarias de género.
- **Insumos agroquímicos:** Información de principales importadores, precios y participación.

Consultas, comentarios y sugerencias: sipa@mag.gob.ec

Geoportal del Agro Ecuatoriano

http://geoportal.agricultura.gob.ec/

Es un portal web para la búsqueda e interacción de información geoespacial del sector agropecuario, publicada en diferentes formatos para su visualización y descarga.



¿Qué información contiene?

- **Visor geográfico:** Visualización de información geoespacial agropecuaria
- **Metadatos:** Consulta y descargas de información geoespacial agropecuaria
- **Geoservicios:** Interoperabilidad a través de servicios WMS, WFS, WMTS, CSW y KML.
- **Descarga de ortofotos:** Aplicativo para solicitudes y descargas web: ortofotos y MDT.
- **Mapas interactivos:** Mapas dinámicos con análisis estadísticos agropecuarios.
- **Biblioteca:** Normas, estándares, documentos técnicos geográficos agropecuarios.

Consultas, comentarios y sugerencias: geoportal@mag.gob.ec

Aplicación móvil de Precios SIPA-Precios

https://play.google.com/store/apps/details?id=-cgsin.precios&pli=1

La App SIPA Precios presenta los precios referenciales de más de 80 productos agrícolas comercializados en 23 mercados mayoristas del Ecuador, en sus diversas presentaciones, pesos y unidades de medida.

Además, compara y analiza el comportamiento del precio de un mismo producto en distintos mercados.

Disponible en Google Store

Ventanilla Única de Inversiones (VUI)

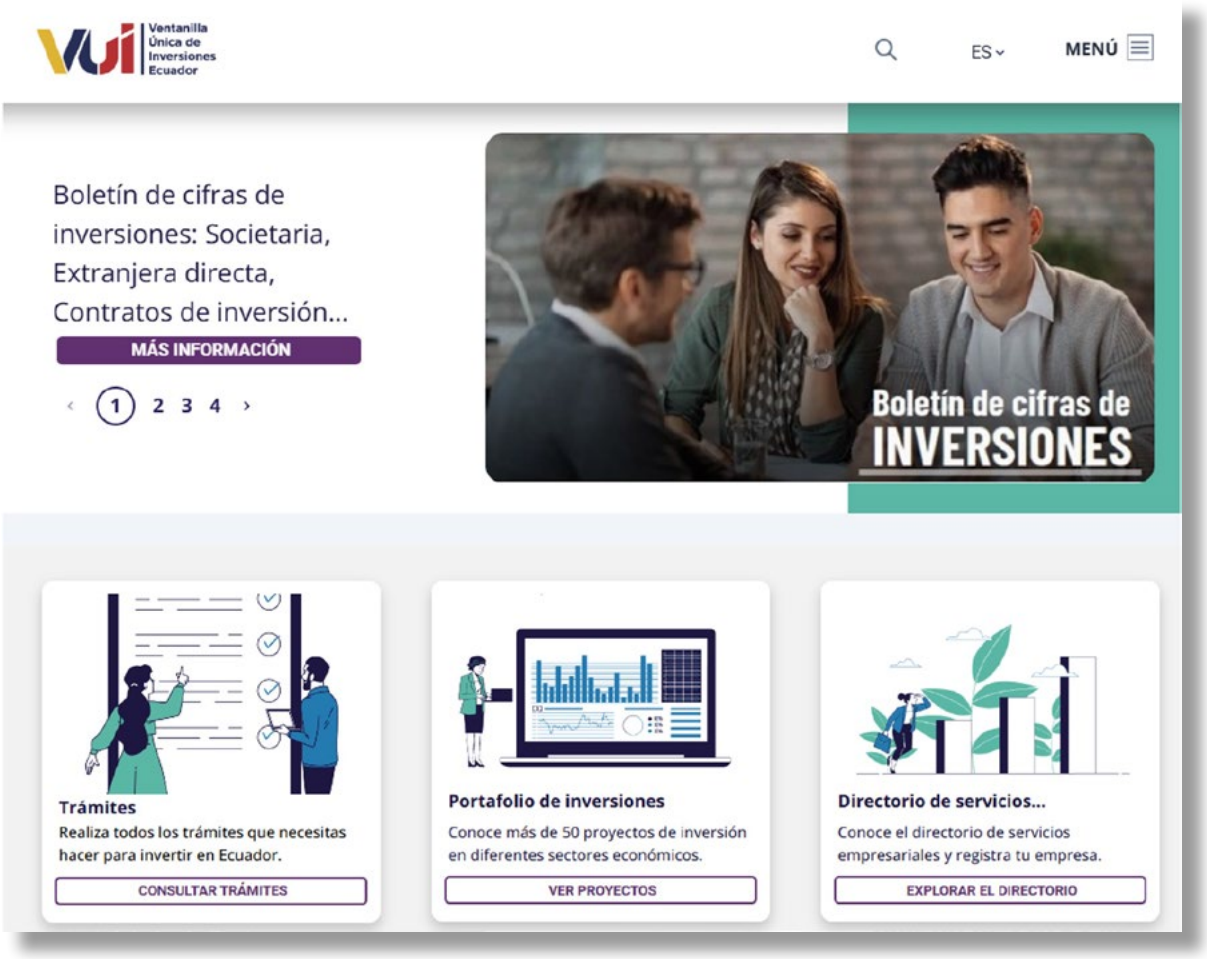
https://vui.gob.ec

Objetivo de Impacto del Proyecto

Incrementar los flujos de inversión en el país y contribuir a su diversificación sectorial y geográfica.

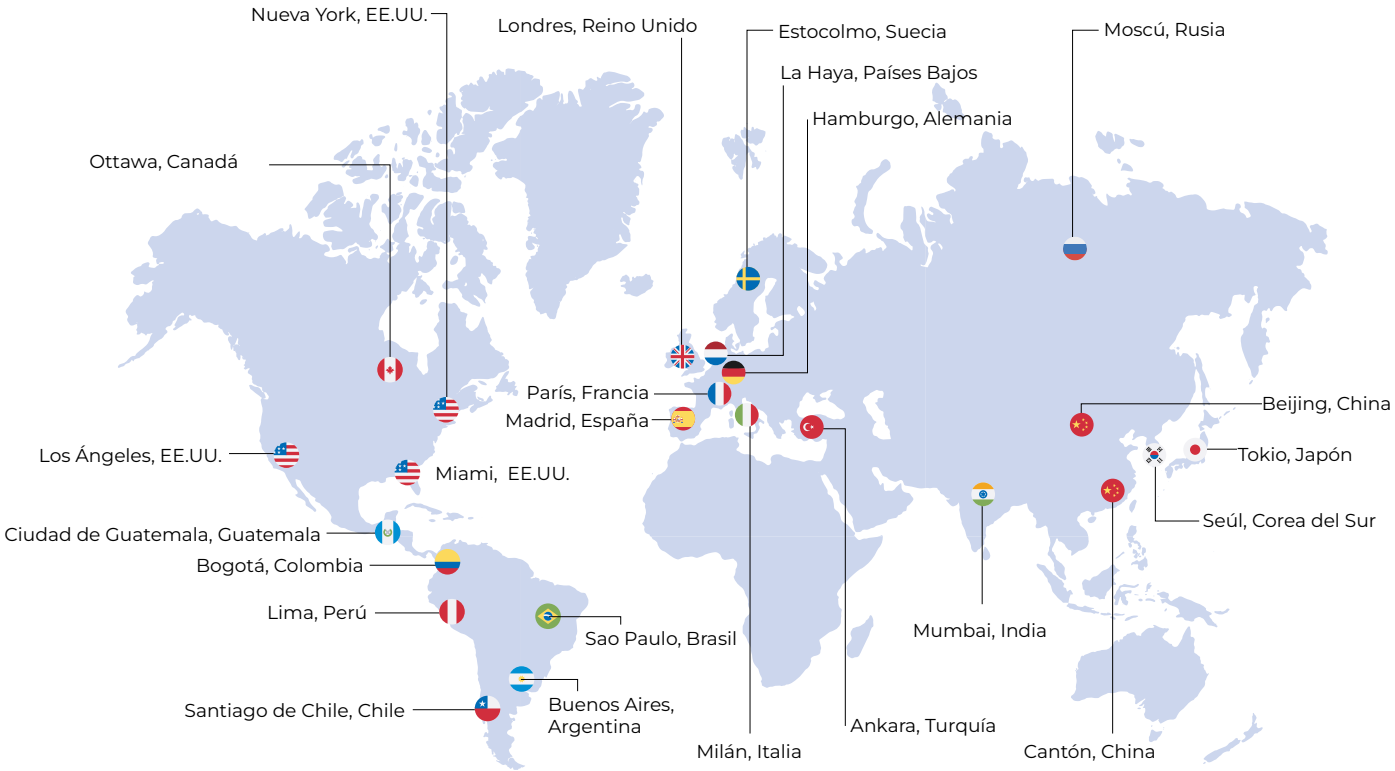
Objetivos Específicos

- Contribuir a reducir tiempos, costos y número de trámites para el establecimiento de la inversión privada.
- Incrementar la efectividad de las acciones de atracción y promoción de inversiones por parte del MPCEIP y otras entidades.
- Gestionar y evaluar la ejecución del proyecto.



Oficinas comerciales de Ecuador

PRO ECUADOR cuenta con una red de **24 oficinas comerciales en 21 países**, lo que pone a Ecuador al alcance de los más grandes e importantes mercados internacionales.



Conoce más sobre los servicios al inversionista:

https://www.vui.gob.ec/

Contáctanos:

Ministerio de Producción, Comercio Exterior, Inversiones y Pesca

(593 4) 2591370

inversiones@produccion.gob.ec

Base de operadores orgánicos

https://organicos.agrocalidad.gob.ec/

En una base de datos de operadores orgánicos certificados bajo la Resolución Nro. 099 referente al Instructivo de la Normativa General para promover y regular la producción orgánica - ecológica - biológica en el Ecuador y registrados en la Agencia de Regulación y Control Fito y Zoosanitario.

Contiene datos precisos y actualizados mensualmente sobre operadores certificados que producen, procesan y comercializan productos orgánicos, lo que permite aumentar la transparencia de la cadena de suministro para el comercio orgánico al promover la visibilidad de una asociación, empresa, finca o productor.

El sistema de base de datos de operadores orgánicos del Ecuador mejora el acceso a la información al brindar a los usuarios públicos una forma más fácil de buscar datos e información estadística de producción orgánica con mayor precisión.

Funcionalidades:

1. Organismos de certificación:

Proporciona información detallada sobre los organismos de certificación acreditados por el Servicio de Acreditación Ecuatoriano y registrados en la Agencia de Regulación y Control Fito y Zoosanitario, que facilita el proceso de selección y verificación de los organismos de certificación para los operadores interesados.

2. Documentos y contactos:

Proporciona la normativa nacional, manuales para el registro de operadores en el Sistema GUIA, procedimientos técnicos, resoluciones vigentes y guías para cumplir con los requisitos de certificación.

3. Información de operadores:

Permite una búsqueda avanzada y detallada sobre los operadores orgánicos registrados, proporcionando información como:

- Tipo de operador (individual y grupal)
- Alcances (productor, procesador, comercializador, exportador, recolector silvestre).
- Productos certificados.
- Ubicación geográfica (provincia, cantón).
- Organismo de certificación.

4. Reportes:

Proporciona información diversa con base a los diferentes intereses de búsqueda, entre los que se pueden citar:

- Operaciones orgánicas certificadas clasificadas por provincia, cantón, organismo de certificación y productos.
- Datos históricos mensuales y anuales por razón social, organismo de certificación y producto.
- Estadísticas de superficie certificada orgánica y en transición, así como de número de operadores por provincia, organismo de certificación y producto.
- Gráficos de superficie certificada y número de operadores individuales y grupales por provincia y total a nivel nacional.

Los reportes se encuentran disponibles en formatos pdf y xls.

Comercio no petrolero de Ecuador

Exportaciones no petroleras

USD 22,175 M

▲ 5.2 %

+ USD 1,103 M

Importaciones no petroleras

USD 22,370 M

▼ -1.5 %

- USD 332 M

Balanza comercial no petrolera

▼ USD -195 M

5 Principales destinos de exportación no petrolera

China	Estados Unidos	Unión Europea	Rusia	Colombia
USD 5.669 millones	USD 4,363 millones	USD 4,270 millones	USD 923 millones	USD 765 millones
▼ -0.6 %	▲ 0.1 %	▲ 12.0 %	▼ -0.6 %	▼ -20.6 %

5 Principales productos de exportación no petrolera

Camarón	Banano	Enlatados de pescado	Concentrado de plomo y cobre	Cacao
USD 7,205 millones	USD 3,587 millones	USD 1,328 millones	USD 1,239 millones	USD 1,171 millones
▼ -1.2 %	▲ -14.1 %	▼ -2.8 %	▼ -3.8 %	▲ 35.2 %

5 Principales países de origen de importanción no petrolera

China	Estados Unidos	Unión Europea	Colombia	Brasil
USD 6,004 millones	USD 2,893 millones	USD 2,579 millones	USD 2,184 millones	USD 1,143 millones
▼ -2.6 %	▼ -3.8 %	▲ 2.1 %	▲ 10.6 %	▼ -3.9 %

Nota 1: Los valores de oro están bajo revisión.
Nota 2: Los valores que se reportan corresponden al periodo analizado y la variación anual se presenta en porcentaje.
Fuente: Banco Central del Ecuador
Elaborado por: Dirección de Estudios Económicos y Comerciales (DEECO)-MPCEIP
El BCE desde ENERO 2021 incluye Tráfico Postal en las Importaciones no Petroleras.

5 Principales productos de importación no petrolera

Automóviles livianos	Medicinas	Otras Manufacturas de Metales	Residuos del Aceite de Soya	Teléfonos y Celulares
USD 1,276 millones	USD 991 millones	USD 932 millones	USD 916 millones	USD 679 millones
▲ 12.3 %	▲ 10.8 %	▼ -5.7 %	▲ 8.5 %	▲ 19.1 %

Exportaciones e importaciones no petroleras por áreas geoeconómicas

Millones USD FOB

Nota: Se consideran importaciones por origen
Fuente: Banco Central del Ecuador
Elaborado por: Dirección de Estudios Económicos y Comerciales (DEECO), MPCEIP
El BCE desde ENERO 2021 incluye Tráfico Postal en las Importaciones no Petroleras

Panorama agroalimentario

Aporte del sector agroalimentario al Producto Interno Bruto

La contribución del sector agropecuario y agroindustrial al PIB es del **15 %**

VAB actividades agroindustriales

Camarón *(procesamiento y conservación)*	**34 %**
Carne *(elaboración y conservación)*	**12 %**
Molinería *(elaboración de productos)*	**7 %**

Ventas sector agroindustrial

El sector agrícola y agroindustrial generan **56,042 millones de USD en ventas**

Ventas actividades agroindustriales

El aporte en las ventas del sector agroindustrial es del **30.6 %**

Empleo Agropecuario

Una de cada tres personas empleadas trabaja en el sector agropecuario.

Soberanía alimentaria

83.7 %
Tasa de Participación de Producción Nacional en Consumo de Alimentos

16.3 %
Tasa de Dependencia de Importaciones en Consumo de Alimentos

81 % de la oferta agrícola y agroindustrial del país están cubiertas por acuerdos comerciales

Nota: Acuerdos comerciales en vigencia y en proceso

Evolución de exportaciones no petroleras

- Ecuador es el **1er exportador** de banano del mundo.
- Ecuador es el **2do exportador** de cacao del mundo.
- Ecuador es el **1er exportador** de camarón del mundo.
- Ecuador es el **1er exportador** de pitahaya en América Latina.
- Ecuador es el **principal exportador** de preparaciones y conservas de pescado en América Latina.

Ecuador, país de las grandes oportunidades:
En el centro del mundo y del mercado andino. Acceso directo al Océano Pacífico y a solo 700 millas del Canal de Panamá.

Economía dolarizada y baja inflación:
Estabilidad económica, sistema financiero sólido, integración financiera, reduce los costos de transacción.

Infraestructura desarrollada:
4 puertos, 4 aeropuertos internacionales, 2 transfronterizos, 7 nacionales; 10 mil Km de red de carreteras.

Superficie destinada a ganado

2,941,270 hectáreas

Superficie agrícola

2,192,700 hectáreas

Ecuador registra más de

200 tipos de cultivos

Número de cabezas de ganado

Vacuno
4,653,809

Porcino
983,999

Ovino
561,949

Asnal
33,971

Caballar
143,391

Mular
54,067

Caprino
28,641

2,700 millones
de libras de camarón (acuacultura)

Pesca industrial entre
500,000
600,000
toneladas anuales

Pesca artesanal entre
100,000
150,000
toneladas anuales

Principal oferta agroexportable

BANANO

Exportaciones

USD 3,587
millones FOB

Fuente: BCE, 2023

Destinos

- Rusia
- Estados Unidos
- Países Bajos

Mercado potencial

(arancel promedio aplicado)

Unión Europea	**(5.9 %)**
China	**(4.5 %)**

El banano es un fruto delicioso y nutritivo; además, es una fuente importante de potasio, magnesio, fósforo, zinc y calcio. Provee un gran aporte de vitamina A, C, ácido fólico, taninos y fibra soluble, por lo que es de fácil digestión y además brinda protección gástrica.

Productos derivados

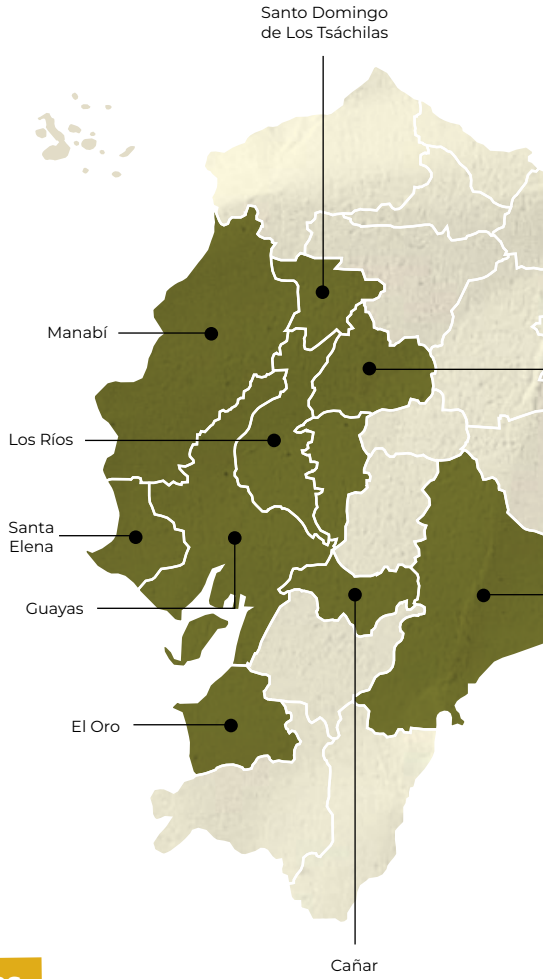
Existe una variedad de productos semielaborados derivados del banano; así: puré de banano, banano deshidratado, chips de banano, banano congelado, harina de plátano y flakes de banano.

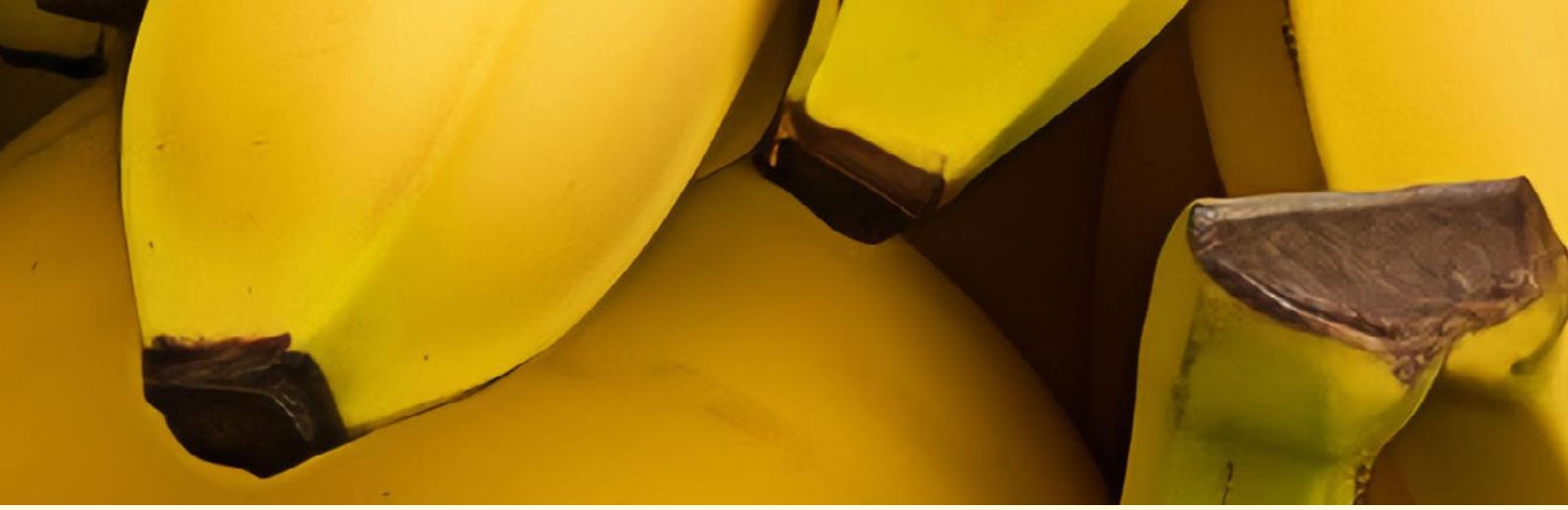
Descripción cualitativa

Ecuador es el primer exportador de banano del mundo; pues, su calidad es reconocida a nivel internacional. En algunas comunidades costeras de Ecuador, esta fruta no solo se consume como alimento, sino que sus hojas se utilizan en rituales espirituales, para atraer buena suerte o como parte de ceremonias tradicionales.

Autoidentificación étnica de las personas productoras

85.4 %	5.8 %	3.5 %	2.6 %	2.2 %	0.5 %
Mestizo/a	Montubio/a	Indígena	Blanco/a	Otro	Afroecuatoriano/a





Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

Importancia económica

En el PIB Ecuador

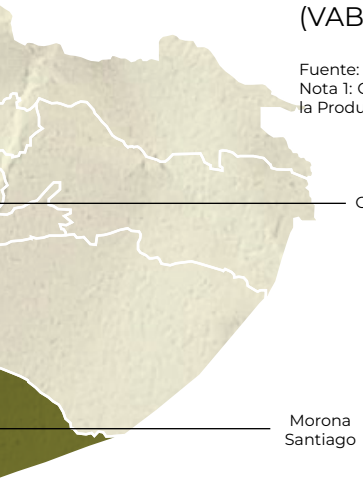
El banano y plátano contribuyeron con **25.4 %** al Valor Agregado Bruto (VAB) Agropecuario.

Fuente: MAG-CGINA, 2022
Nota 1: Cifras estimadas a partir de la estructura del Valor de la Producción con precios corrientes (BCE, 2022).

En las exportaciones no petroleras

El banano participó con **15.7 %.**

Fuente: BCE, 2023



Empleo agropecuario

En el proceso productivo del cultivo de banano participaron: 126,821 personas.

86 % hombres

14 % mujeres

Superficie, producción y rendimiento

Provincia	Superficie Cosechada (ha)	Producción (toneladas)	Rendimiento (t/ha)
Nacional	**175,181**	**7,159,814**	**40.87**
Los Ríos	66,120	3,049,723	46.12
Guayas	54,378	2,277,289	41.88
El Oro	35,421	1,484,179	41.90
Cotopaxi	3,924	106,928	27.25
Cañar	2,537	93,899	37.01
Santa Elena	2,235	59,763	26.74
Bolívar	4,176	22,268	5.33
Manabí	1,345	16,347	12.15
Santo Domingo de los Tsáchilas	1,006	15,877	15.78
Morona Santiago	1,342	8,966	6.68
Otras	2,697	24,575	

Fuente: INEC, 2023
Nota: El rendimiento es la relación entre la producción y superficie cosechada.

Certificaciones internacionales

GLOBALG.A.P. · BASC · FAIRTRADE · USDA ORGANIC · Rainforest Alliance

CACAO

Exportaciones

USD 1,170
millones FOB

Fuente: BCE, 2023

Destinos

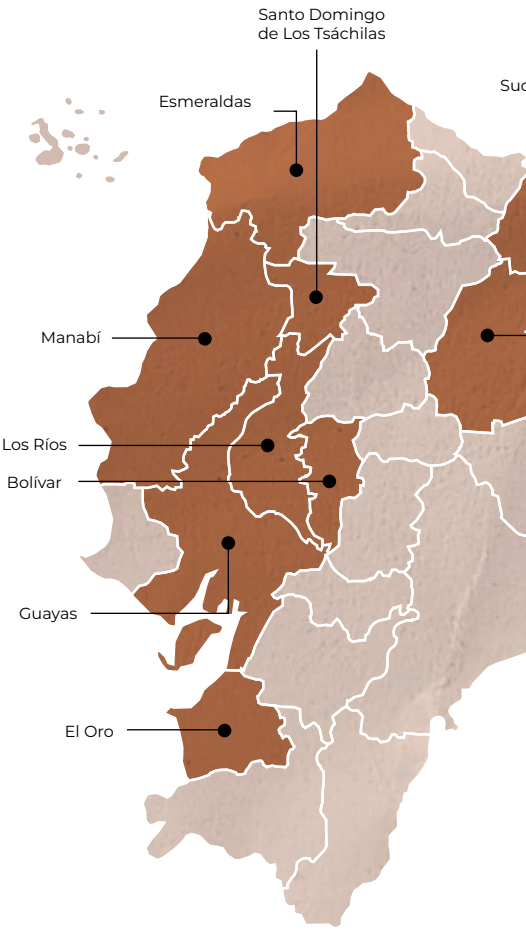
- Malasia
- Indonesia
- Estados Unidos

Mercado potencial

(arancel promedio aplicado)

Unión Europea	**(0 %)**
Malasia	**(0 %)**

El cacao es una fruta de origen tropical, su árbol tiene flores pequeñas y pétalos largos; en tanto, su fruto es de forma alargada. Dependiendo de la variedad de la semilla, la mazorca puede ser de color amarillo, rojo o verde. El grano de la mazorca está cubierto por una pulpa rica en azúcar, con la cual se puede hacer jugo; así mismo, este puede ser transformado a licor, manteca, polvo, nibs, cobertura y chocolate.



Productos derivados

Existe una variedad de productos semielaborados -derivados del cacao-, entre los más importantes están: nibs, pasta o licor de cacao, manteca de cacao, polvo de cacao, chocolate y pulpa de cacao.

Descripción cualitativa

El cacao Fino de Aroma, conocido también como Criollo o Nacional, cuyo color característico es el amarillo, posee un aroma y sabor únicos, siendo esencial para la producción del exquisito chocolate gourmet, apetecido a nivel mundial.

The International Cocoa Awards premió a Ecuador como "Mejor grano de cacao por región geográfica" y "Mejor cacao por su calidad floral", en el Salon du Chocolat de París, en el año 2011.

Autoidentificación étnica de las personas productoras

53 %	44.4 %	1.7 %	0.4 %	0.3 %	0.1 %
Mestizo/a	Montubio/a	Indígena	Otro	Blanco/a	Afroecuatoriano/a

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

Importancia económica

En el PIB Ecuador

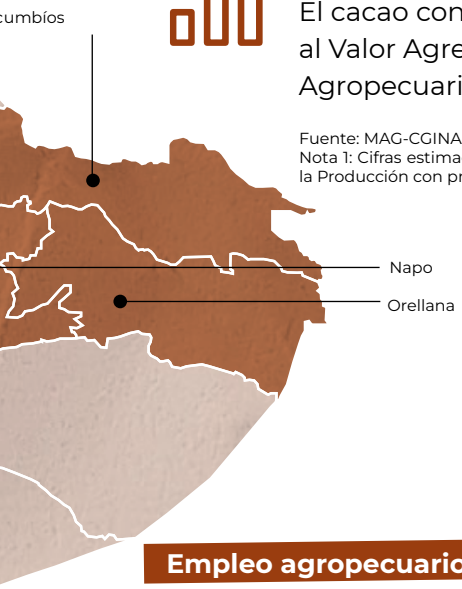
El cacao contribuyó con **8.2 %** al Valor Agregado Bruto (VAB) Agropecuario.

Fuente: MAG-CGINA, 2022
Nota 1: Cifras estimadas a partir de la estructura del Valor de la Producción con precios corrientes (BCE, 2022).

En las exportaciones no petroleras

El cacao en grano y sus derivados participaron con **6.0 %**.

Fuente: BCE, 2023



Empleo agropecuario

En el proceso productivo del cultivo de cacao participaron: 409,727 personas.

78 % hombres

22 % mujeres

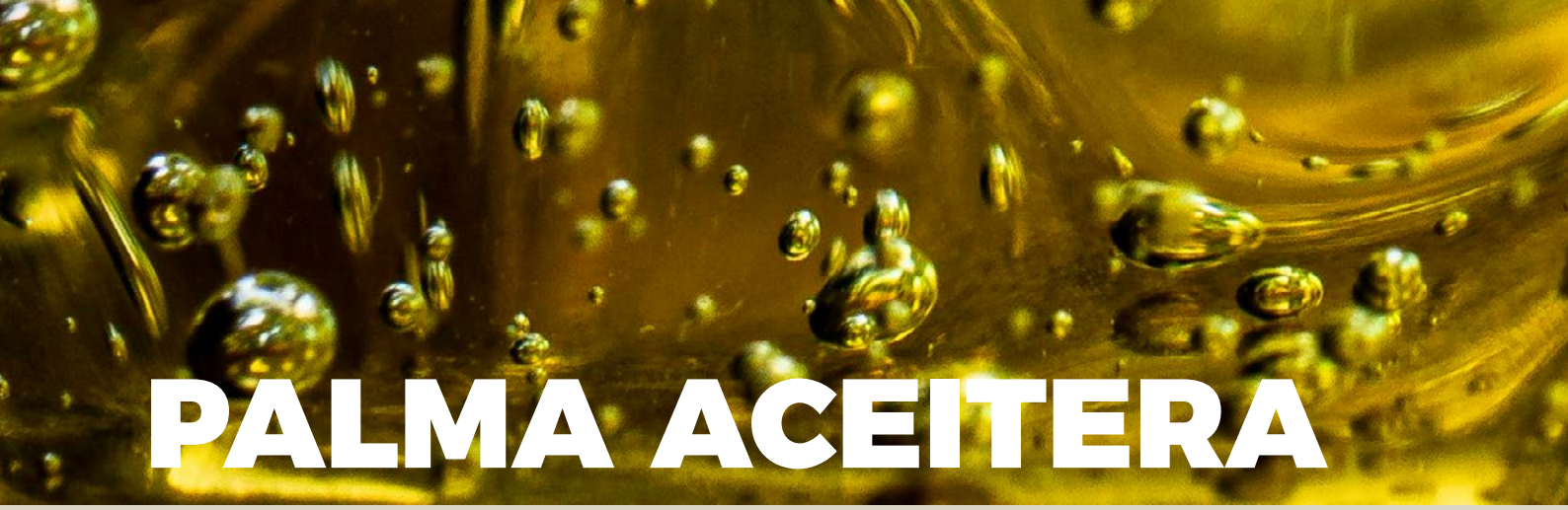
Superficie, producción y rendimiento

Provincia	Superficie Cosechada (ha)	Producción (toneladas)	Rendimiento (t/ha)
Nacional	**516,634**	**375,719**	**0.73**
Los Ríos	111,887	99,055	0.89
Manabí	97,360	68,313	0.70
Esmeraldas	90,248	65,504	0.73
Guayas	85,665	52,206	0.61
Santo Domingo de los Tsáchilas	24,182	21,843	0.90
Sucumbíos	22,447	18,878	0.84
Orellana	19,608	11,600	0.59
Bolívar	17,304	10,323	0.60
El Oro	11,283	6,377	0.57
Napo	10,466	5,653	0.54
Otras	26,184	15,968	

Fuente: INEC, 2023
Nota: El rendimiento es la relación entre la producción y superficie cosechada.

Certificaciones internacionales

GLOBALG.A.P. · BASC · FAIRTRADE · USDA ORGANIC · Rainforest Alliance



PALMA ACEITERA

Exportaciones

USD 114
millones FOB

Fuente: BCE, 2023

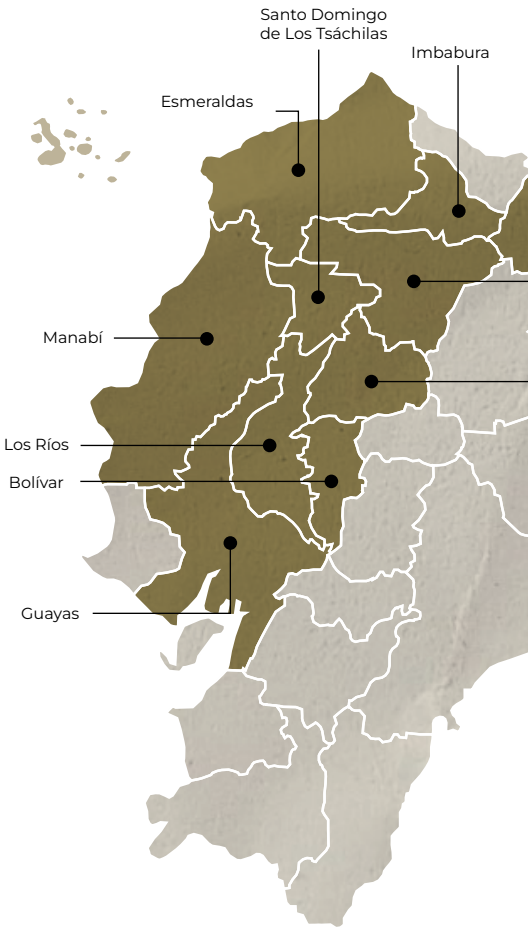
Destinos

- Colombia
- Estados Unidos
- Países Bajos

Mercado potencial

	(arancel promedio aplicado)
Unión Europea	**(5.9 %)**
Estados Unidos	**(0 %)**
China	**(4.5 %)**

Las especies oleaginosas son frutos y semillas que acumulan grandes cantidades de aceites y grasas altamente energéticos. En el Ecuador, en los últimos 50 años, se ha desarrollado una floreciente industria oleaginosa, cuyo aprovechamiento está basado en la extracción de aceites y mantecas vegetales para cocina. Principalmente, es usado como ingrediente en la industria alimenticia, como: galletería, chocolatería, panadería, heladería, confitería, frituras, ingredientes en alimentos para animales; así también, en la industria farmacéutica y de cosméticos, limpieza personal y del hogar, biodiesel, entre otros.



Productos derivados

Existe una variedad de productos semielaborados -derivados de la palma aceitera-, entre los más importantes están: margarina, aceite de almendra de palma, grasas y aceites vegetales.

Descripción cualitativa

Ayuda a la reducción de grasas saturadas y contiene 0 % grasa trans, omega 3 y omega 6. Además, es una importante fuente de energía y aporta ácidos grasos para una nutrición equilibrada.

Autoidentificación étnica de las personas productoras

82.8 %	6.4 %	7.4 %	1.5 %	1.2 %	0.7 %
Mestizo/a	Montubio/a	Blanco/a	Otro	Indígena	Afroecuatoriano/a

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

Importancia económica

En el PIB Ecuador

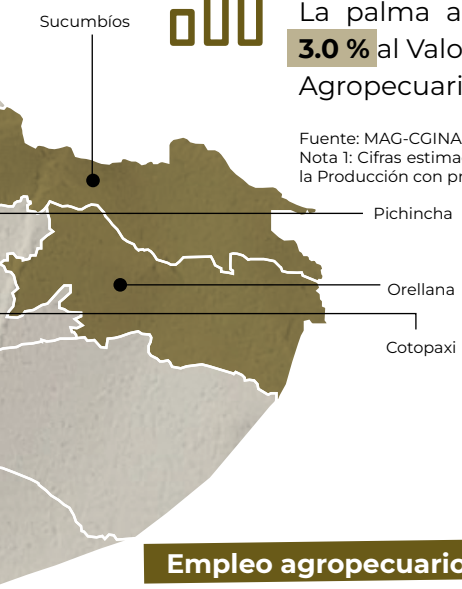
La palma aceitera contribuyó con **3.0 %** al Valor Agregado Bruto (VAB) Agropecuario.

Fuente: MAG-CGINA, 2022
Nota 1: Cifras estimadas a partir de la estructura del Valor de la Producción con precios corrientes (BCE, 2022).

En las exportaciones no petroleras

El aceite de palma aportó con **1.4 %**.

Fuente: BCE, 2023



Empleo agropecuario

En el proceso productivo del cultivo de palma participaron: 34,617 personas.

93 % hombres

7 % mujeres

Superficie, producción y rendimiento

Provincia	Superficie Cosechada (ha)	Producción (toneladas)	Rendimiento (t/ha)
Nacional	**137.678**	**2.049.700**	**14,89**
Los Ríos	45.264	730.464	16,14
Esmeraldas	48.894	693.455	14,18
Guayas	12.701	280.980	22,12
Sucumbíos	16.641	211.923	12,73
Manabí	5.410	43.037	7,96
Santo Domingo De Los Tsáchilas	2.037	33.728	16,56
Orellana	3.565	27.445	7,70
Cotopaxi	737	15.940	21,62
Pichincha	1.778	6.710	3,77
Imbabura	588	4.866	8,27
Bolívar	63	1.152	18,40

Fuente: INEC, 2023
Nota: El rendimiento es la relación entre la producción y superficie cosechada.

Certificaciones internacionales

FSSC 22000 · BASC · ISO 14001 CERTIFIED

BRÓCOLI

Exportaciones

USD 175
millones FOB

Fuente: BCE, 2023

Destinos

- Estados Unidos
- Japón
- Alemania

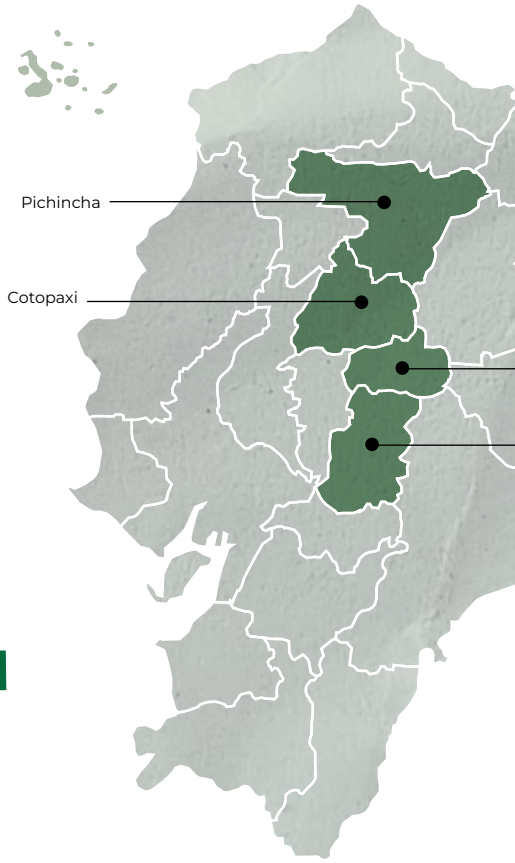
Mercado potencial

(arancel promedio aplicado)

Estados Unidos	**(0 %)**
Japón	**(6 %)**
Unión Europea	**(0 %)**

El brócoli ecuatoriano es altamente apetecido en el mercado internacional, por su calidad. La ubicación geográfica de Ecuador permite que las plantaciones reciban gran cantidad de brillo solar durante el día, logrando que el producto tenga un tono muy verde y un florete compacto, que facilita realizar cortes especiales conservando un sabor característico y diferente al producido por los demás países.

Ecuador es el único país que produce brócoli todo el año, lo que hace que, la producción sea consistente todos los meses.



Descripción cualitativa

El brócoli contiene cantidades grandes de vitamina C, ácido fólico y vitamina A, que son importantes antioxidantes.

Autoidentificación étnica de las personas productoras

82.8 % Mestizo/a	**6.4 %** Montubio/a	**7.4 %** Blanco/a
1.5 % Otro	**1.2 %** Indígena	**0.7 %** Afroecuatoriano/a

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela

Importancia económica

En el PIB Ecuador

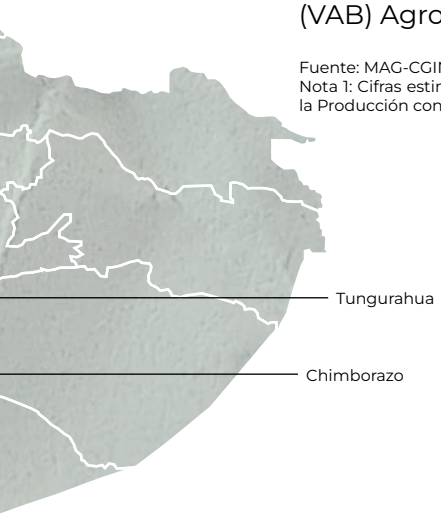
El brócoli y la coliflor contribuyeron con **0.6 %** al Valor Agregado Bruto (VAB) Agropecuario.

Fuente: MAG-CGINA, 2022
Nota 1: Cifras estimadas a partir de la estructura del Valor de la Producción con precios corrientes (BCE, 2022).

En las exportaciones no petroleras

El brócoli aportó con **2.1 %**.

Fuente: BCE, 2023



Superficie, producción y rendimiento

Provincia	Superficie Cosechada (ha)	Producción (toneladas)	Rendimiento (t/ha)
Nacional	**9.850**	**197.221**	**20,02**
Cotopaxi	6.825	130.385	19,10
Tungurahua	2.487	60.079	24,16
Chimborazo	520	6.520	12,54
Pichincha	18	237	13,16

Fuente: INEC, 2023
Nota: El rendimiento es la relación entre la producción y superficie cosechada.

Empleo agropecuario

En el proceso productivo del cultivo del brócoli participaron: 17,620 personas.

41 % hombres

59 % mujeres

Certificaciones internacionales

BRC FOOD CERTIFICATED · HACCP CERTIFIED · BPM · IFS International Featured Standards · BASC · GLOBALG.A.P. · HALAL · K · ÖKO-GARANTIE BCS AGRINPUT

PITAHAYA

Exportaciones

USD 171
millones FOB

Fuente: BCE, 2023

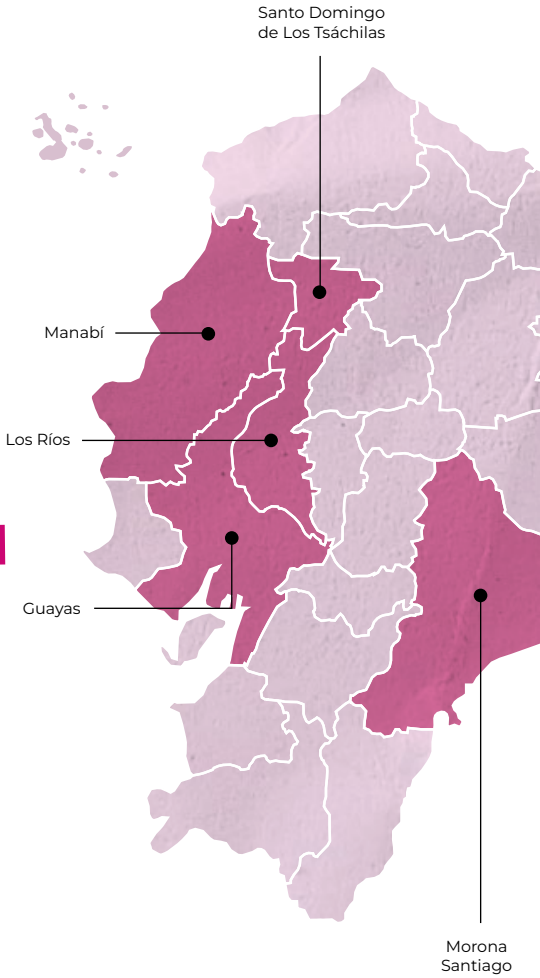
Destinos

- Estados Unidos
- Hong Kong
- España

Mercado potencial

	(arancel promedio aplicado)
China	**(0 %)**
Estados Unidos	**(0 %)**
Unión Europea	**(0 %)**

Esta fruta exótica tiene un alto consumo a nivel mundial, entre otras características, por las propiedades digestivas y medicinales que posee. Su pulpa contiene un alto nivel de vitamina C, fibra, fósforo y calcio; ayudando a minimizar el ácido úrico en la sangre; además, puede prevenir enfermedades de las articulaciones.



Descripción cualitativa

Gracias al bajo porcentaje de calorías que posee, está recomendada para llevar dietas saludables.

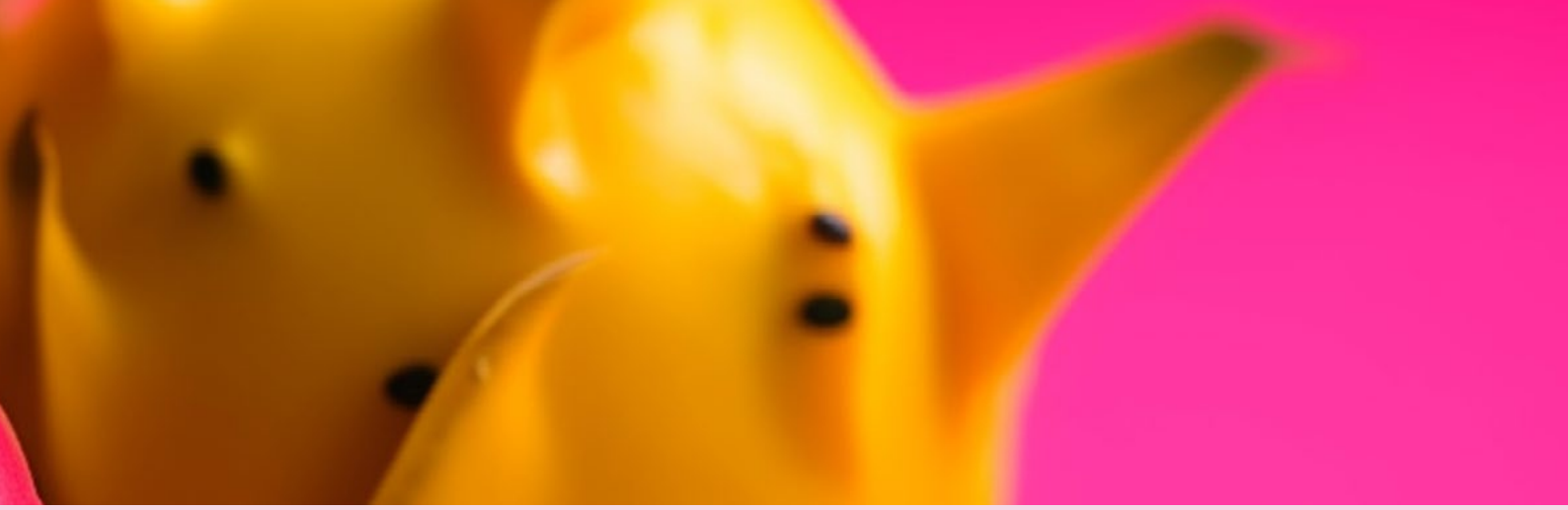
Autoidentificación étnica de las personas productoras

Pitahaya Amarilla

76.0 % Mestizo/a	**12.0 %** Otro	**8.0 %** Indígena
4.0 % Montubio/a	**0.0 %** Blanco/a	**0.0 %** Afroecuatoriano/a

Pitahaya Roja

78.8 % Mestizo/a	**12.1 %** Montubio/a	**6.1 %** Blanco/a
3.0 % Indígena	**0.0 %** Afroecuatoriano/a	**0.0 %** Otro



Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela

Importancia económica

En el PIB Ecuador

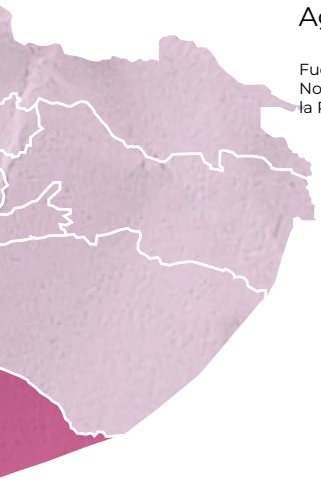
La pitahaya con otras frutas contribuyó con **0.5 %** al Valor Agregado Bruto (VAB) Agropecuario.

Fuente: MAG-CGINA, 2022
Nota 1: Cifras estimadas a partir de la estructura del Valor de la Producción con precios corrientes (BCE, 2022).

En las exportaciones no petroleras

La pitahaya aportó con **0.8 %.**

Fuente: BCE, 2023



Empleo agropecuario

En el proceso productivo del cultivo de pitahaya participaron: 13,895 personas.

88 % hombres

12 % mujeres

Certificaciones internacionales

GLOBALG.A.P.

Superficie, producción y rendimiento Pitahaya Amarilla

Provincia	Superficie Cosechada (ha)	Producción (toneladas)	Rendimiento (t/ha)
Nacional	**1.718**	**25.862**	**15,05**
Morona Santiago	1.616	25.308	15,66
Manabí	28	98	3,50
Guayas	2	10	5,00
Santo Domingo de los Tsáchilas	6	20	3,33
Otras	66	426	

Superficie, producción y rendimiento Pitahaya Roja

Provincia	Superficie Cosechada (ha)	Producción (toneladas)	Rendimiento (t/ha)
Nacional	**1.914**	**13.907**	**7,27**
Guayas	1.190	8.257	6,94
Manabí	547	4.621	8,45
Santo Domingo de los Tsáchilas	11	322	30,00
Los Ríos	6	25	4,16
Otras	160	682	

Fuente: INEC, 2023
Nota: El rendimiento es la relación entre la producción y superficie cosechada.
Nota: La información de este cultivo no es publicada por el INEC debido a que los datos se obtienen a través de una encuesta por muestreo y los errores asociados a las estimaciones de los cultivos no publicados pueden ser muy altos y algunos van perdiendo su nivel de representatividad, por lo que, los datos provistos no son oficiales sino referenciales.

PLÁTANO

Exportaciones

USD 183
millones FOB

Fuente: BCE, 2023

Destinos

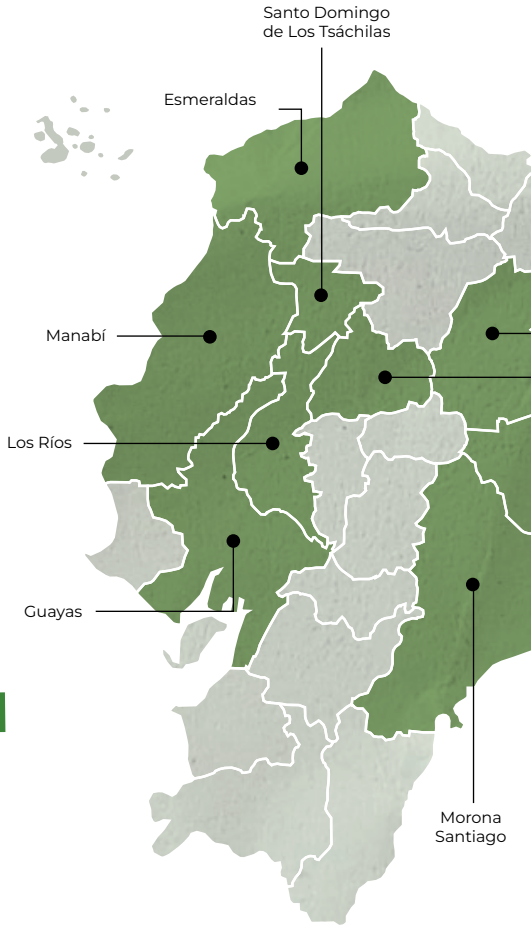
- Estados Unidos
- Chile
- España

Mercado potencial

	(arancel promedio aplicado)
Estados Unidos	**(0 %)**
Rumania	**(0 %)**
Unión Europea	**(0 %)**

Tiene un alto valor nutritivo, por lo que, es una fuente importante de potasio, magnesio y fosfato. El potasio del plátano es bueno para el corazón; ya que, puede ayudar a prevenir la hipertensión y los ataques cardíacos.

El alto contenido en vitaminas A, B6 y C ayuda a mantener buena visión, piel saludable y contribuir a fortalecer el sistema inmunológico. Además, tiene un alto contenido en fibra y carbohidratos.



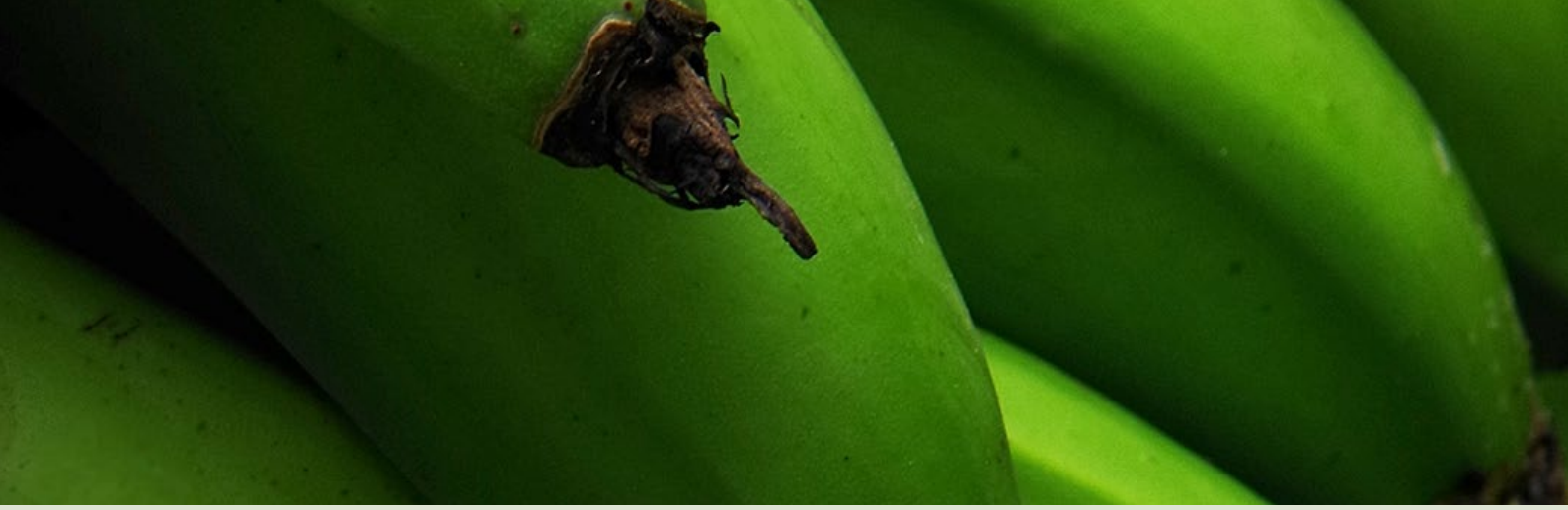
Descripción cualitativa

Contiene almidón resistente, el cual no eleva los niveles de azúcar en la sangre.

El clima de Ecuador beneficia su cultivo, lo que permite su producción durante todo el año.

Autoidentificación étnica de las personas productoras

58.3 % Mestizo/a	**23.3 %** Montubio/a	**14.5 %** Indígena
2.3 % Afroecuatoriano/a	**1.2 %** Blanco/a	**0.4 %** Otro



Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

Importancia económica

En el PIB Ecuador

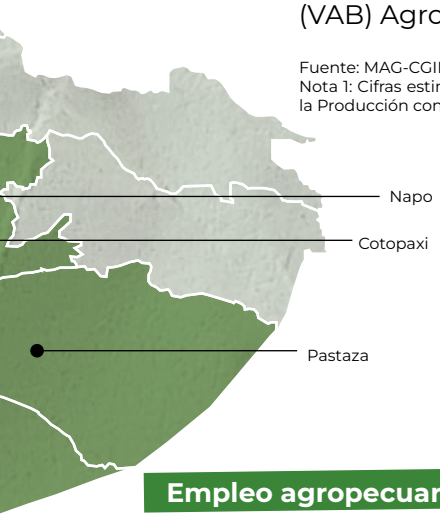
El plátano y banano contribuyeron con **25.4 %** al Valor Agregado Bruto (VAB) Agropecuario.

Fuente: MAG-CGINA, 2022
Nota 1: Cifras estimadas a partir de la estructura del Valor de la Producción con precios corrientes (BCE, 2022).

En las exportaciones no petroleras

El plátano aportó con **0.8 %**.

Fuente: BCE, 2023



Empleo agropecuario

En el proceso productivo del cultivo de plátano participaron: 126,389 personas.

74 % hombres

26 % mujeres

Superficie, producción y rendimiento

Provincia	Superficie Cosechada (ha)	Producción (toneladas)	Rendimiento (t/ha)
Total	**119.637**	**840.599**	**07.01**
Manabí	49.122	307.447	6,26
Guayas	12.352	135.828	11,00
Santo Domingo de los Tsáchilas	15.912	124.415	7,82
Los Ríos	14.758	104.798	7,10
Napo	5.930	30.470	5,14
Esmeraldas	5.490	25.504	4,65
Cotopaxi	2.073	21.015	10,14
Morona Santiago	2.074	19.702	9,50
Pastaza	2.554	15.096	5,91
Otros	9.372	56.323	

Fuente: INEC, 2023
Nota: El rendimiento es la relación entre la producción y superficie cosechada.

Certificaciones internacionales

GLOBALG.A.P.

CAMARÓN

Exportaciones

USD 7,205
millones FOB

Fuente: BCE, 2023

Destinos

- China
- Estados Unidos
- España

Mercado potencial

	(arancel promedio aplicado)
China	**(4.5 %)**
Estados Unidos	**(0 %)**
Japón	**(1 %)**

Ecuador es pionero en el cultivo de camarón, en el continente americano; siendo el sector productor camaronero una de las industrias más dinámicas del país. Es un producto con excelente sabor, calidad y textura; esto permite que, sea reconocido como el mejor camarón del mundo.

Descripción cualitativa

Ecuador es el segundo mayor exportador de camarón del mundo con una oferta de más de 1.000 millones de libras anuales.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

Certificaciones internacionales

BRC FOOD CERTIFICATED · asc CERTIFIED · Naturland · BASC · ECO CERT · AB AGRICULTURE BIOLOGIQUE · HACCP CERTIFIED · BIOSUISSE · qcs quality certification SERVICES · BAP CERTIFIED · Sedex · GLOBALG.A.P. · SSP Sustainable Shrimp Partnership

CONSERVAS DE PESCADO

Exportaciones

USD 1,327 millones FOB

Fuente: BCE, 2023

Destinos

- España
- Estados Unidos
- Colombia

Mercado potencial

(arancel promedio aplicado)

Estados Unidos	**(35 %)**
Unión Europea	**(0 %)**
Japón	**(6 %)**

El atún ecuatoriano es uno de los rubros con mayor demanda en el mercado internacional. De otro lado, este producto es rico en: proteínas, Omega 3, vitaminas A, B12, D, calcio, zinc y demás nutrientes, que hacen que los consumidores lo prefieran, en lugar de las carnes de res, cerdo o pollo.

Descripción cualitativa

Ecuador es el segundo mayor exportador de atún en conserva del mundo; además de ser la segunda mayor flota atunera del Océano Pacífico Oriental.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela

Certificaciones internacionales

DOLPHIN SAFE · MSC · ISO · BRC FOOD CERTIFICATED · IFS International Featured Standards · GMP GOOD MANUFACTURING PRACTICE · HACCP CERTIFIED · BASC Business Alliance for Secure Commerce · BAP CERTIFIED · K

PESCADO

Exportaciones

USD 201
millones FOB

Fuente: BCE, 2023

Destinos

- Estados Unidos
- España
- Costa de Marfil

Mercado potencial

	(arancel promedio aplicado)
Estados Unidos	**(0 %)**
China	**(7 %)**
Japón	**(5.3 %)**

Por la convergencia de las corrientes marinas y su ubicación geográfica estratégica, Ecuador oferta una gran variedad de especies de pescados de interés comercial, durante todo el año.
Entre los productos de exportación que podemos encontrar en el sector pesquero, están los generados de la pesca blanca, fresca y congelada; asimismo, derivados de estos, como: harina y aceite de pescado.

Descripción cualitativa

Ecuador cuenta con más de 650 embarcaciones destinadas a la pesca de pelágicos y otras pesquerías. Igualmente, con una flota artesanal de más de 19,000 unidades, a nivel nacional.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Alcance Parcial con Nicaragua, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

Certificaciones internacionales

DOLPHIN SAFE · MSC · ISO · BRC FOOD CERTIFICATED · IFS International Featured Standards · GMP GOOD MANUFACTURING PRACTICE · HACCP CERTIFIED · BASC Business Alliance for Secure Commerce

Productos con potencial agroexportable

Procesados

BANANO

Puré de banano

Exportaciones*

USD 58,750,432
FOB

Destinos

Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(0 %)**
Estados Unidos	**(7.7 %)**
Canadá	**(9.2 %)**

El puré de banano ecuatoriano es muy demandado en la industria alimentaria, especialmente en la elaboración de productos para bebés, debido a su dulzura natural.

Dato Curioso

En algunas regiones de Ecuador, el puré de banano se utilizaba antiguamente, como un remedio casero para aliviar picaduras de insectos y tratar quemaduras solares, debido a sus propiedades, calmante e hidratante.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

*Fuente: SENAE
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Banano deshidratado

Exportaciones*

USD 6,797,669
FOB

Destinos

Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(5.9 %)**
Estados Unidos	**(0 %)**
China	**(4.5 %)**

Ecuador también elabora banano deshidratado, un snack saludable y energético.

Dato Curioso

En algunas áreas rurales, los trabajadores del campo llevan el banano deshidratado, como provisión, por ser una fuente de energía ligera y de larga duración, especialmente para condiciones extremas.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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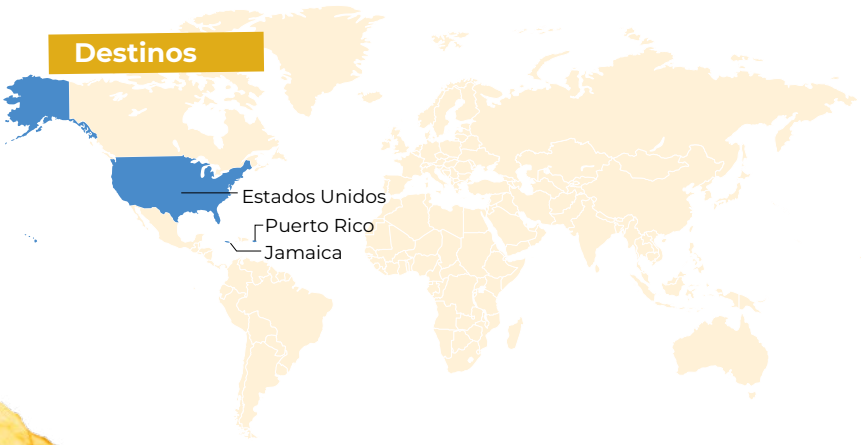
Chips de banano

Exportaciones*

USD 1,561,990
FOB

Destinos



Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(0 %)**
Estados Unidos	**(4.3 %)**
China	**(1.9 %)**

Este producto es muy popular y una alternativa saludable. Los chips de banano ecuatorianos son valorados por su sabor y textura crujiente.

Dato Curioso

Los chips de banano no solo se comen como snacks, en algunas partes de la Amazonía ecuatoriana, se utilizan en ceremonias como ofrendas a la Pachamama (madre tierra) y como símbolo de gratitud por las cosechas.

Acuerdos comerciales

CAN, MERCOSUR, PAR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

*Fuente: SENAE
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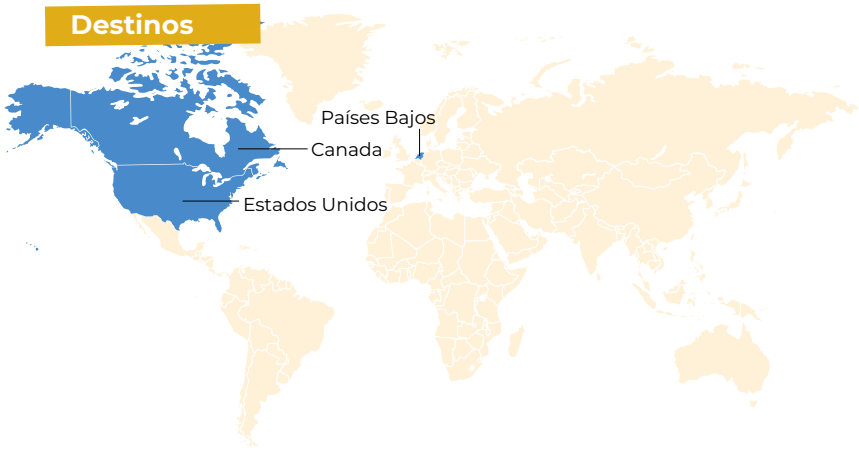
Banano congelado

Exportaciones*

USD 16,532,505
FOB

Destinos



Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(5.9 %)**
Estados Unidos	**(0 %)**
China	**(28.6 %)**

Usado principalmente en la industria de helados y smoothies, el banano congelado de Ecuador, conserva todas sus propiedades nutricionales.

Dato Curioso

En la producción artesanal, algunas pequeñas comunidades usan banano congelado como un componente básico para crear helados caseros que no requieren productos lácteos, debido a la textura naturalmente cremosa del banano.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Harina de banano

Exportaciones*

USD 2,489,220
FOB

Destinos

Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(0 %)**
Estados Unidos	**(0.9 %)**
Canada	**(0 %)**

Es una opción sin gluten, rica en fibra y usada, tanto para la panificación como para productos alimenticios más saludables.

Dato Curioso

Los exploradores ecuatorianos utilizaban la harina de plátano, para jornadas largas, debido a su durabilidad y alto contenido calórico. Así, fue un alimento básico y portátil.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Flakes de banano

Exportaciones*

USD 1,358,765
FOB

Destinos

Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(5.9 %)**
Estados Unidos	**(0 %)**
China	**(4.5 %)**

Son trozos deshidratados que se utilizan en cereales y mezclas saludables.

Dato Curioso

Los flakes de banano, además de consumirse como alimento, fueron alguna vez usados en antiguas prácticas ceremoniales, para representar la abundancia en festividades de la cosecha.

Acuerdos comerciales

CAN, MERCOSUR, PAR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Procesados

CAFÉ

Café tostado

Exportaciones*

USD 1,251,157
FOB

Destinos

Mercado potencial**

(arancel promedio aplicado)

Unión Europea	**(0 %)**
Estados Unidos	**(0 %)**
Canadá	**(0 %)**

Ecuador produce tanto café arábica como robusta, y lo interesante es que el café ecuatoriano se cultiva en diversas altitudes, desde zonas costeras hasta los Andes. Esto le otorga una gran variedad de perfiles de sabor, desde notas frutales y florales hasta tonos más ricos y achocolatados, dependiendo de la región de cultivo. Un detalle fascinante es que Ecuador es uno de los pocos países donde el café se cultiva tanto en la región costera como en la Amazonía, lo que aporta una gran diversidad a sus tipos de granos tostados. Este hecho lo convierte en un lugar único en el mundo para la producción de café.

Dato Curioso

Algunas plantaciones de café en la región amazónica utilizan métodos agroforestales, lo que significa que cultivan los granos de café bajo la sombra de árboles nativos. Esta práctica no solo protege el ecosistema local, sino que también mejora la calidad del grano, ya que el cultivo bajo sombra permite que el café madure más lentamente, desarrollando sabores más complejos y ricos. Además, estos sistemas ayudan a preservar la biodiversidad, creando hábitats para especies locales de flora y fauna.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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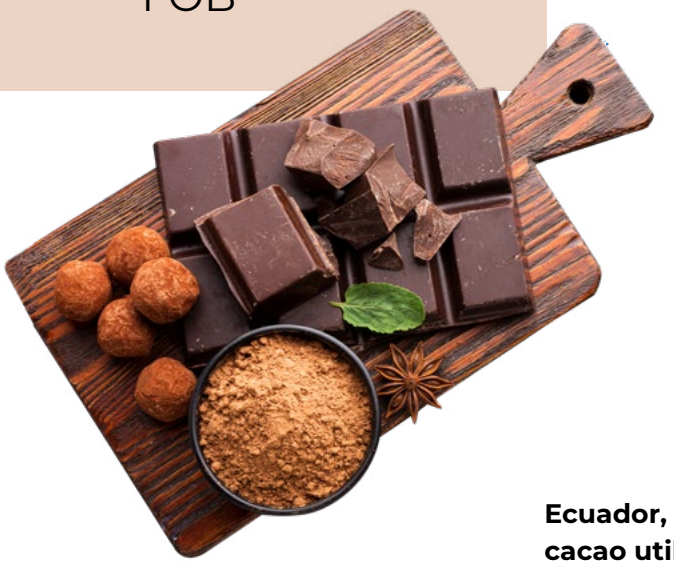
Procesados

CACAO

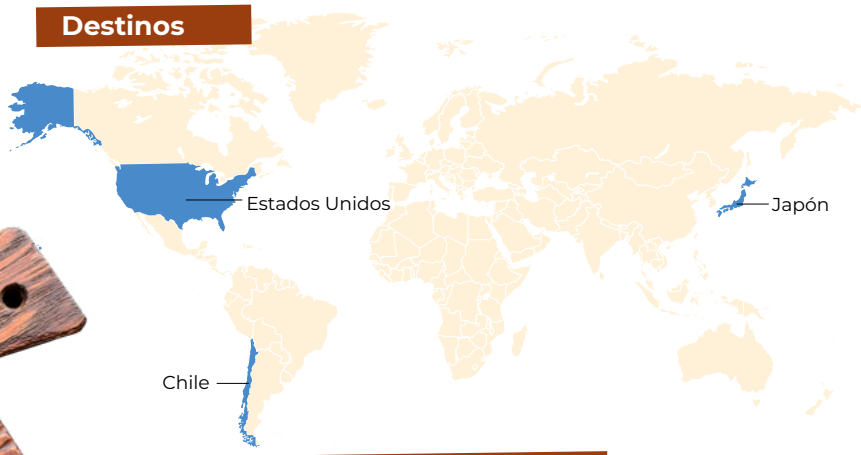
Pasta de cacao

Exportaciones*

USD 86,151,775
FOB



Destinos



Mercado potencial**

(arancel promedio aplicado)

Unión Europea	**(0 %)**
Estados Unidos	**(0 %)**

Ecuador, con su cacao fino de aroma, produce pasta de cacao utilizada para fabricar chocolates de alta calidad, a nivel mundial.

Dato Curioso

Hay una tradición en las comunidades indígenas del Amazonas de usar la pasta de cacao en un tipo de ritual de iniciación, donde se comparte entre los jóvenes guerreros para fortalecer lazos comunitarios y otorgarles “fuerza espiritual”.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

*Fuente: SENAE
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Chocolate

Exportaciones*

USD 20,994,051
FOB

Destinos

Mercado potencial**

	(arancel promedio aplicado)
Canadá	**(56.6 %)**

El chocolate ecuatoriano, hecho con cacao fino de aroma, es reconocido internacionalmente. Varias marcas ecuatorianas han ganado premios globales por su calidad. El chocolate ecuatoriano no solo se consume en barras, sino también en postres, bebidas, fondues y como recubrimiento para frutas y dulces gourmet.

Dato Curioso

Aunque la mayoría conoce el chocolate como un dulce, en Ecuador antiguamente se utilizaba en ceremonias como símbolo de ofrenda a los espíritus y dioses de la tierra. Se consideraba un alimento sagrado y no solo un placer terrenal.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Alcance Parcial de Complementación con El Salvador, Acuerdo de Complementación Aladi, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

*Fuente: SENAE
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Manteca de cacao

Exportaciones*

USD 16,722,655
FOB

Destinos

Mercado potencial**

(arancel promedio aplicado)

Estados Unidos **(0 %)**

Es un derivado del cacao, ampliamente utilizado en la industria cosmética y alimentaria, apreciada por su textura suave y los beneficios para la piel.

Dato Curioso

En algunas zonas del Ecuador amazónico, la manteca de cacao se utiliza no solo en cosmética sino también como una medicina natural, para curar quemaduras e irritaciones en la piel; transmitiendo ese conocimiento de generación en generación.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo de Complementación Aladi, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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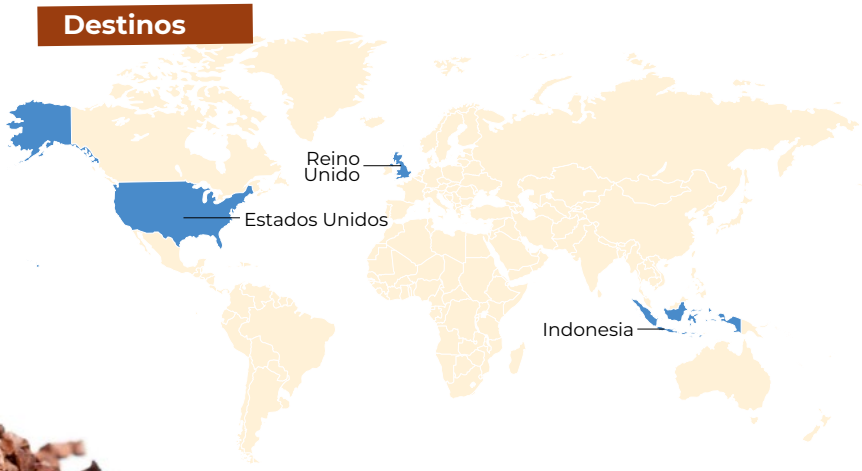
Nibs de cacao

Exportaciones*

USD 832,688
FOB

Destinos



Mercado potencial**

(arancel promedio aplicado)

Unión Europea	**(0 %)**
Estados Unidos	**(0 %)**

Los nibs de cacao ecuatoriano, que son trozos de cacao tostado, son utilizados como un superalimento por su alto contenido en antioxidantes y sabor intenso.

Dato Curioso

Los nibs de cacao, además de ser un alimento, fueron considerados por algunas culturas indígenas como un “guardián del alma”; se usaban en collares para proteger a las personas de malos espíritus.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Pulpa de cacao

Exportaciones*

USD 100,904
FOB

Destinos

Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(0 %)**
Brasil	**(0 %)**

Utilizada principalmente en jugos y bebidas fermentadas, la pulpa de cacao ha ganado popularidad por su sabor exótico y sus propiedades antioxidantes.

Dato Curioso

En la región amazónica, la pulpa de cacao es fermentada para producir bebidas tradicionales, también se usa en prácticas medicinales ancestrales para tratar problemas estomacales.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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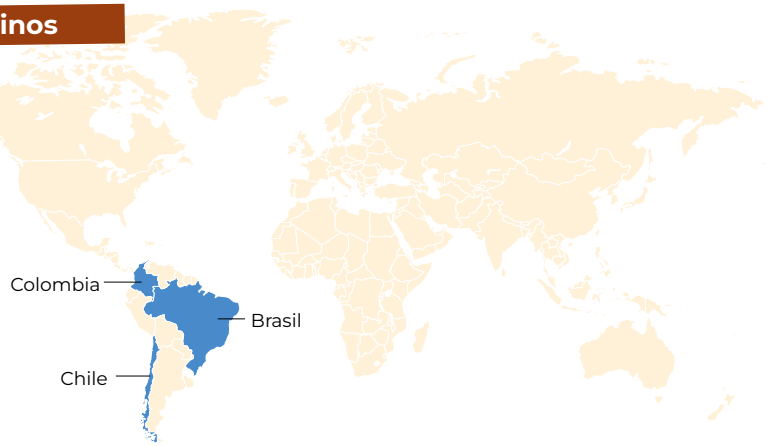
Cacao en polvo

Exportaciones*

USD 10,527,298
FOB

Destinos



Mercado potencial**

	(arancel promedio aplicado)
Estados Unidos	**(0 %)**
China	**(0 %)**

Un producto muy versátil, el cacao en polvo ecuatoriano se utiliza tanto en la repostería como en la preparación de bebidas.

Dato Curioso

El cacao en polvo no solo se usa en alimentos y bebidas, sino que, en tiempos antiguos se mezclaba con otros ingredientes para crear tintes naturales, que las tribus amazónicas utilizaban para pintar sus cuerpos.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Procesados

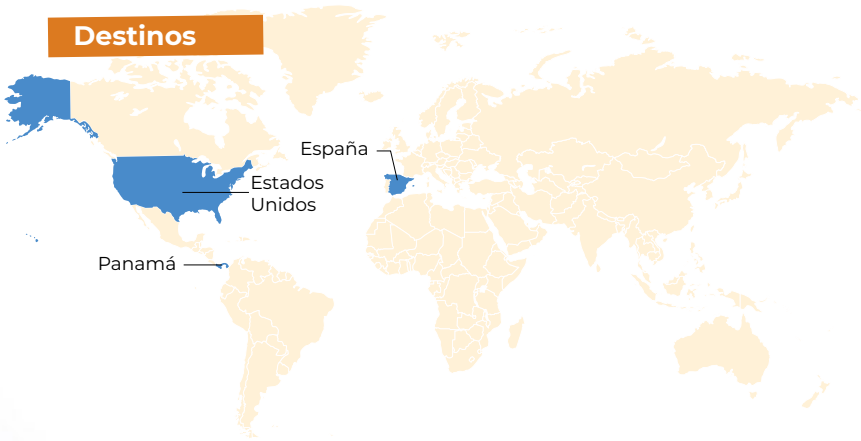
QUINUA

Barra proteica de quinua

Exportaciones*

USD 57,057
FOB

Destinos



Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(0 %)**
Estados Unidos	**(0 %)**

Las barras proteicas, hechas a base de quinua ecuatoriana, están ganando popularidad como una opción saludable y energética.

Dato Curioso

La quinua, además de ser un gran alimento, se utilizaba como ofrenda en rituales de fertilidad, en algunas comunidades indígenas de la Sierra; ya que se creía que, tenía la capacidad de traer abundancia.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con El Salvador, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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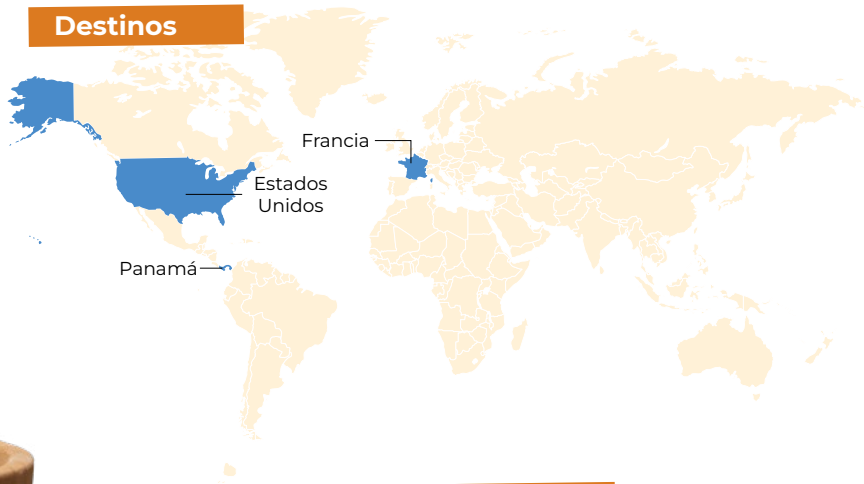
Harina y premezclas de quinua

Exportaciones*

USD 14,955
FOB

Destinos



Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(5.6 %)**
Estados Unidos	**(0 %)**
Chile	**(0 %)**

Estas son usadas tanto en panadería como en productos sin gluten, especialmente en mercados que buscan opciones saludables y libres de alérgenos.

Dato Curioso

En tiempos antiguos, la harina de quinua no solo se usaba para hacer alimentos, sino también para elaborar una especie de “pan ceremonial” que se consumía en festividades espirituales importantes.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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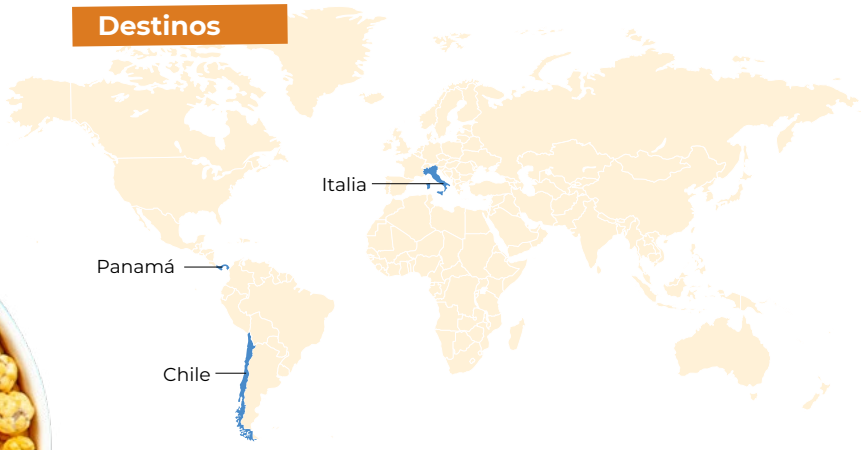
Snacks de quinua

Exportaciones*

USD 67,262
FOB

Destinos



Mercado potencial**

(arancel promedio aplicado)

Unión Europea	**(0 %)**
Estados Unidos	**(0 %)**
Chile	**(0 %)**

Son populares en el mercado de snacks saludables, por su alto contenido en proteínas y bajo índice glucémico.

Dato Curioso

Los snacks de quinua fueron usados por las culturas indígenas como alimento energético, durante las largas caminatas de comercio, entre las montañas y la Costa ecuatoriana.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con El Salvador, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

*Fuente: SENAE
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Procesados

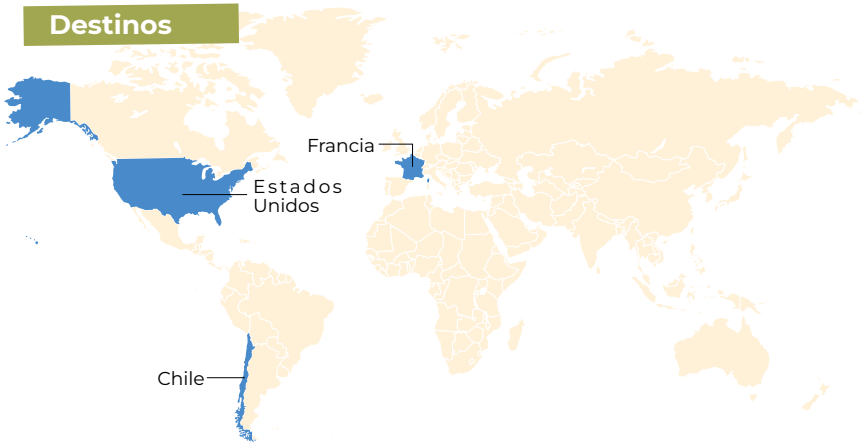
PALMITO

Palmito en conserva

Exportaciones*

USD 78,932,274
FOB

Destinos



Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(0 %)**
Estados Unidos	**(30 %)**
Chile	**(30 %)**

Ecuador es uno de los principales productores y exportadores de palmito en conserva; el cual se consume como ingrediente gourmet en ensaladas y platos internacionales. También, es un sustituto popular para alimentos vegetarianos.

Dato Curioso

En las comunidades indígenas de la Amazonía, el palmito no solo se consume como alimento, sino que algunas partes de la planta se usaban para hacer artesanías y tejidos, debido a la resistencia de sus fibras.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Procesados

CAÑA DE AZÚCAR

Panela granulada

Exportaciones*

USD 2,662,522
FOB

Destinos

Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(62,5 %)**
Estados Unidos	**(0 %)**

Este azúcar no refinado es muy popular por su sabor natural y su valor nutricional, siendo exportado a países que buscan alternativas saludables al azúcar blanco.

Dato Curioso

En el pasado, los antiguos habitantes de la Sierra ecuatoriana utilizaban la panela no solo como edulcorante, sino como un ingrediente medicinal para tratar resfriados, mezclándola con infusiones de hierbas.

Acuerdos comerciales

CAN, PAR, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Procesados

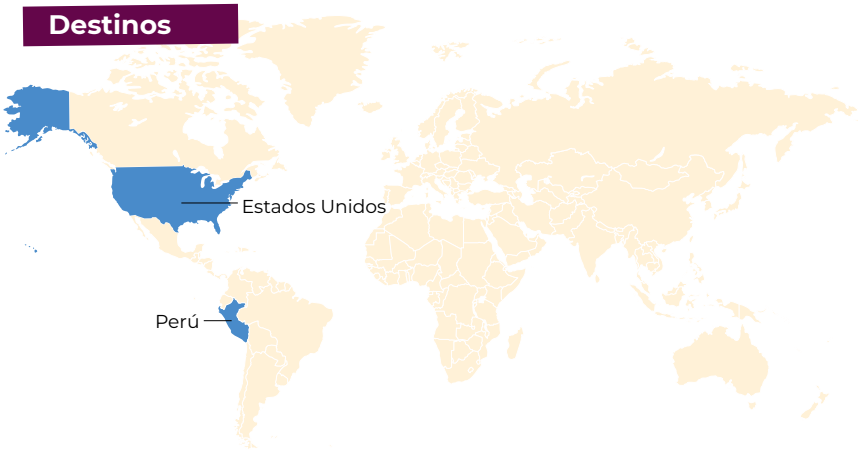
VAINILLA

Esencia de vainilla

Exportaciones*

USD 27,194
FOB

Destinos



Mercado potencial**

	(arancel promedio aplicado)
Corea del Sur	**(20 %)**

La vainilla ecuatoriana es conocida por su aroma fuerte y dulce, siendo exportada a mercados gourmet de todo el mundo.

Dato Curioso

En algunas culturas indígenas amazónicas, la vainilla era considerada un afrodisíaco y se utilizaba en rituales de cortejo o en la preparación de pociones amorosas.

Acuerdos comerciales

CAN, MERCOSUR, PAR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Procesados

BRÓCOLI

Brócoli congelado

Exportaciones*

USD 5,643
FOB

Destinos

Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(0 %)**
Estados Unidos	**(9.1 %)**
Canadá	**(12.5 %)**

El brócoli procesado, como el brócoli deshidratado, congelado o pure, se emplea en sopas, guisos y ensaladas, e incluso como suplemento en polvos verdes para batidos saludables.

Dato Curioso

En tiempos modernos, el polvo de brócoli deshidratado ha comenzado a ser utilizado en suplementos deportivos debido a su contenido en vitaminas y minerales que ayudan en la recuperación muscular.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Procesados

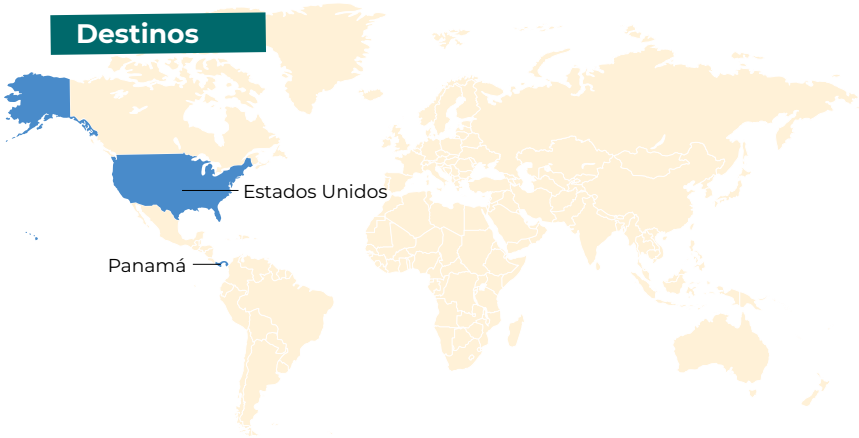
GUAYUSA

Bebidas de guayusa

Exportaciones*

USD 2,411
FOB

Destinos



Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(0 %)**
Estados Unidos	**(0 %)**

Estas bebidas naturales y energéticas son muy populares por su contenido en cafeína y antioxidantes, ofreciendo una alternativa saludable a las bebidas energéticas convencionales.

Dato Curioso

Los guerreros indígenas consumían guayusa antes de ir a la batalla porque creían que les otorgaba una visión clara y los mantenía despiertos durante la noche, lo que les daba ventaja estratégica.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Alcance Parcial de Complementación con El Salvador, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Procesados

LÁCTEOS

Queso

Exportaciones*

USD 454,681
FOB

Destinos

Mercado potencial**

	(arancel promedio aplicado)
Estados Unidos	**(7.1 %)**
China	**(11.6 %)**

El queso ecuatoriano, especialmente el fresco, es apreciado por su sabor suave y su proceso artesanal. Este tipo de queso es un ingrediente clave en platos tradicionales, como las "humitas" y el "queso de hoja".

Dato Curioso

Antiguamente, el queso era usado en rituales, para pedir a los dioses lluvias abundantes y cosechas fructíferas. En las zonas rurales, se utilizaba en algunas festividades religiosas, como un símbolo de pureza y fertilidad.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Yogurt

Exportaciones*

USD 214,462
FOB

Destinos

Mercado potencial**

	(arancel promedio aplicado)
Estados Unidos	**(10.5 %)**

El yogurt ecuatoriano, hecho en su mayoría de manera artesanal, es reconocido por su cremosidad y sabores naturales, el que incluye frutas tropicales.

Dato Curioso

El yogurt ecuatoriano tiene una tradición de elaboración casera que ha pasado de generación en generación, con recetas familiares que varían según la región y que incluyen ingredientes secretos, como hierbas locales.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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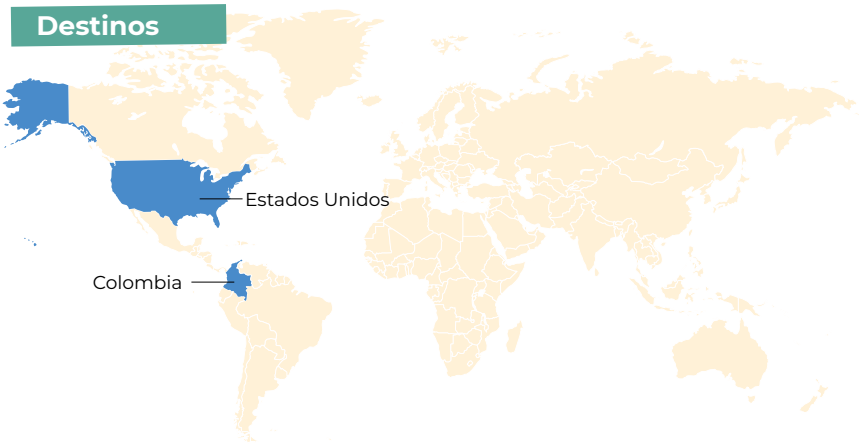
Bebidas lácteas

Exportaciones*

USD 1,866,669
FOB

Destinos



Mercado potencial**

(arancel promedio aplicado)

China **(11.6 %)**

Las bebidas lácteas ecuatorianas están ganando terreno, especialmente aquellas que incluyen sabores de chocolate y café.

Dato Curioso

Algunas comunidades rurales de los Andes, preparaban una bebida que era considerada un alimento energético; el cual se usaba como parte de los rituales familiares, en celebraciones importantes, como las fiestas de la cosecha. Esta se preparaba con leche fresca recién ordeñada y cacao molido a mano, lo que le daba un sabor más auténtico y tradicional. En ciertas haciendas cafeteras de la Sierra, los trabajadores solían agregar leche a su café, de las primeras horas del día, no solo por el sabor, sino porque se creía que la leche ayudaba a “calmar” los efectos del café fuerte en el estómago vacío.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Acuerdo de Complementación Aladi, Alcance Parcial de Complementación con El Salvador, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Procesados

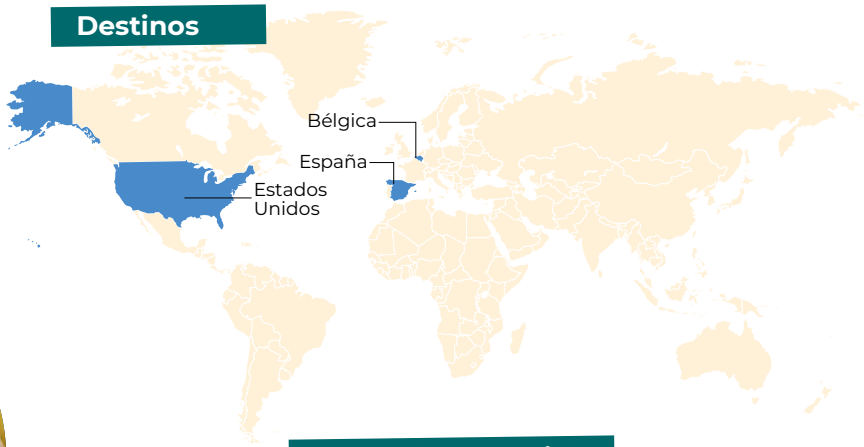
FRUTAS

Frutas congeladas IQF

Exportaciones*

USD 757,217.14
FOB

Destinos



Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(5.9 %)**
Estados Unidos	**(0 %)**
China	**(28.6 %)**

La Tecnología IQF es un proceso de congelación rápida individual que permite que las frutas mantengan su forma, sabor, color y nutrientes, ya que los cristales de hielo que se forman durante la congelación son muy pequeños, lo que evita daños a la estructura celular. Las frutas IQF son muy utilizadas en la industria alimentaria para elaborar smoothies, postres, yogures, y platos preparados, ya que no se apelmazan durante la congelación. A diferencia de las frutas frescas, que se deterioran en días, las frutas IQF pueden mantenerse en perfecto estado durante varios meses sin conservantes añadidos.

Dato Curioso

En Ecuador, las frutas tienen un valor cultural y simbólico que va más allá de su consumo diario. Un ejemplo, durante las celebraciones del Pawkar Raymi (Fiesta del Florecimiento), que es una festividad andina en agradecimiento a la Pachamama (Madre Tierra), se ofrenda frutas como símbolo de la abundancia de la tierra.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Procesados

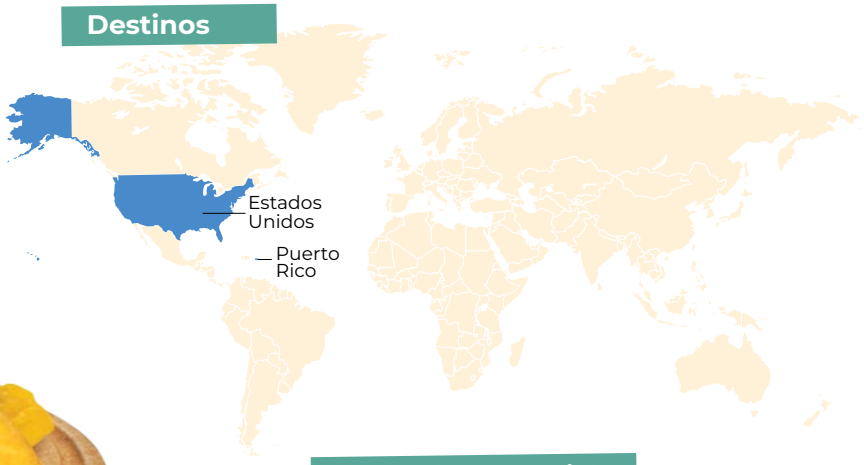
PLÁTANO

Maduro prefrito congelado

Exportaciones*

USD 2,622,316
FOB

Destinos



Mercado potencial**

	(arancel promedio aplicado)
Unión Europea	**(0 %)**
Estados Unidos	**(0.9 %)**
Canadá	**(0 %)**

El maduro (plátano maduro) es popular en la gastronomía latinoamericana, especialmente en países como Ecuador y Colombia, donde se utiliza como guarnición o acompañamiento en platos principales. Al estar prefrito y congelado, se puede preparar rápidamente, lo que facilita su uso en restaurantes o para personas con poco tiempo para cocinar. El maduro es una buena fuente de fibra, potasio y vitaminas A y C. Al congelarse justo después de freírse, conserva gran parte de sus propiedades nutricionales.

Dato Curioso

En la región de Manabí, existe una tradición cultural en torno al maduro. En esta provincia, el maduro lampreado es un platillo típico poco conocido fuera de la región. Este plato consiste en plátano maduro empanizado, frito y relleno de queso o carne, y es una expresión gastronómica que combina la riqueza de ingredientes locales con técnicas culinarias ancestrales.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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Procesados

YUCA

Yuca congelada

Exportaciones*

USD 1,777,183
FOB

Destinos

Mercado potencial**

	(arancel promedio aplicado)
China	**(1.6 %)**
Tailandia	**(35 %)**
Vietnam	**(6.5 %)**

La yuca es rica en carbohidratos complejos y es una excelente fuente de energía, aunque tiene un contenido bajo de proteínas y grasas. La yuca congelada se puede hervir, freír o utilizar como base para muchas recetas, como el pastel de yuca o yuca frita.

Dato Curioso

En Ecuador la cultura shuar, una de las comunidades indígenas amazónicas del país, la yuca no solo es un alimento básico, sino también un elemento profundamente simbólico en su cosmología y vida social. Por ejemplo, la yuca es utilizada en la preparación de la chicha de yuca, una bebida fermentada tradicional que tiene un significado cultural muy importante. En las comunidades shuar, la chicha de yuca es símbolo de hospitalidad y cohesión social. Las mujeres son las encargadas de preparar esta bebida mediante un proceso que incluye masticar la yuca cocida para iniciar la fermentación con las enzimas de su saliva. Este ritual de preparación conecta a las mujeres con la tierra y sus ancestros, y la chicha es compartida en eventos comunitarios, ceremonias y celebraciones.

Acuerdos comerciales

CAN, MERCOSUR, Acuerdo Bilateral con Chile, Tratado de Libre Comercio con China, Alcance Parcial de Complementación con Guatemala, Acuerdo EFTA, Acuerdo Comercial Reino Unido, Acuerdo Comercial Unión Europea, Acuerdo Marco con Venezuela.

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