



# Activity Report 2013

XXIII Meeting of IIRSA National Coordinators  
Chile, November 27, 2013



## ACRONYMS AND ABBREVIATIONS

- > **API:** Integration Priority Project Agenda
- > **CCT:** Technical Coordination Committee
- > **CMS:** Continuous Monitoring System
- > **EASE:** Strategic Environmental and Social Evaluation
- > **EID:** Integration and Development Hub
- > **GDP:** Gross Domestic Product
- > **GIS:** Geographic Information System
- > **GTE:** Executive Technical Group
- > **HDI:** Human Development Index
- > **PAE:** Strategic Action Plan 2012-2022
- > **PDB:** Project Database
- > **PTI:** Integration Territorial Program

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# Areas of Work 2013

> FIRST PART

**COSIPLAN Projects**

> SECOND PART

**Planning Methodologies and Tools**

> THIRD PART

**Sectoral Integration Processes**





# First Part

## **COSIPLAN Projects**

A. COSIPLAN Project Portfolio  
| PAE ACTION 4.2 |

B. Integration Priority Project Agenda  
| PAE ACTION 4.3 |

C. Project Database – Information System  
| PAE ACTION 4.1 |

# A. COSIPLAN Project Portfolio

The COSIPLAN Project portfolio was set up on the basis of the implementation of the **Indicative Territorial Planning Methodology**. It is arranged in nine **Integration and Development Hubs** (EIDs).





## A. Project Portfolio

| main activities |

- I. **Update of the Project Portfolio** at the GTE Meetings on the Hubs (May 7-9, Montevideo).
- II. Application of the **Indicative Territorial Planning Methodology** to the Amazon Hub.
- III. Drawing up of the **COSIPLAN Project Portfolio Report 2013**.
- IV. Update of the **socioeconomic and environmental characterization**. Beginning of work in the Andean and MERCOSUR-Chile Hubs.



# I. Update of the Project Portfolio 2013



> **583** projects

> **48** project groups

> **9** Integration and Development Hubs

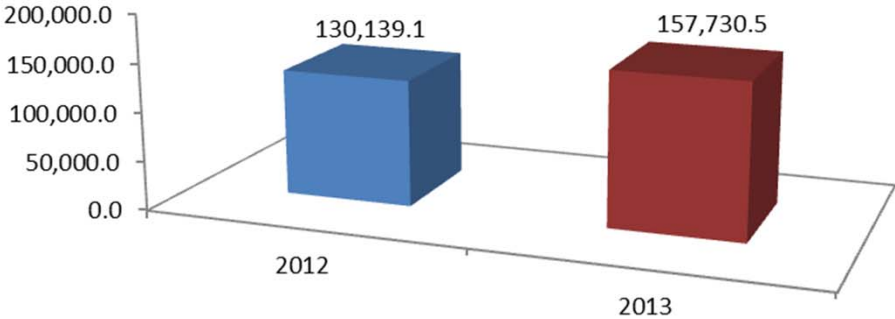
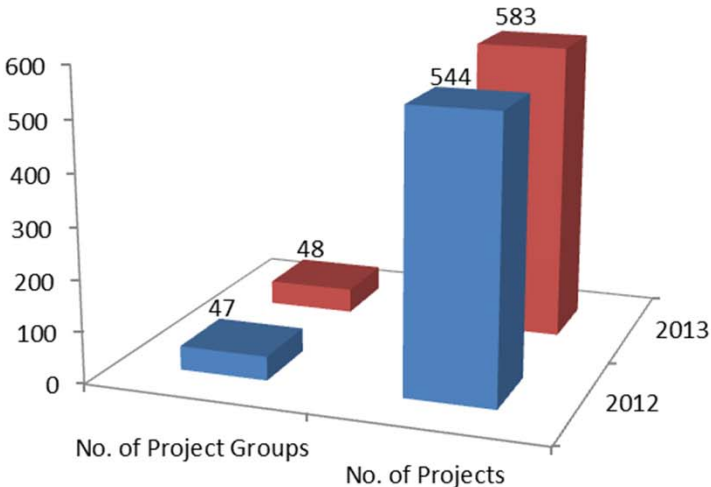
> **US\$157,730.5** million estimated investment



# Project Portfolio Progress 2012-2013

> in number of project groups and projects

> in estimated investment (million US\$)

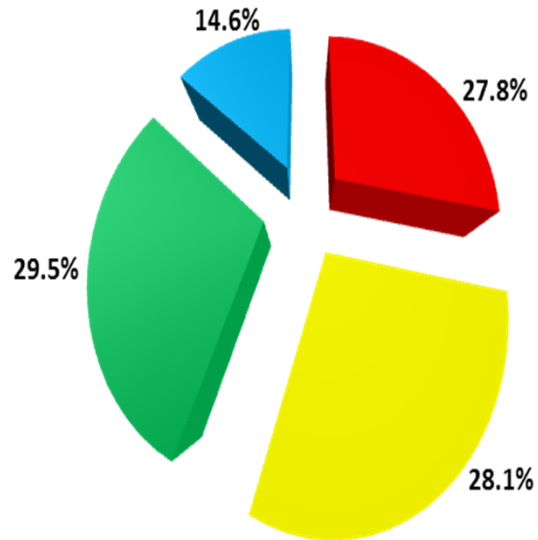


The incorporation of the northeastern and central-western territories of Brazil to the Amazon Hub resulted in the inclusion of a new project group in the Hub and accounts for 61.5% of the increase in the number of projects in the Portfolio.

The 72.8% increase in the estimated investment is explained by the incorporation of the new territories to the Amazon Hub, the estimated investment in which rose mostly due to the inclusion of nine rail projects.

# Project Portfolio 2013 Indicators

## NUMBER OF PROJECTS AND INVESTMENT AMOUNT BY IMPLEMENTATION STAGE



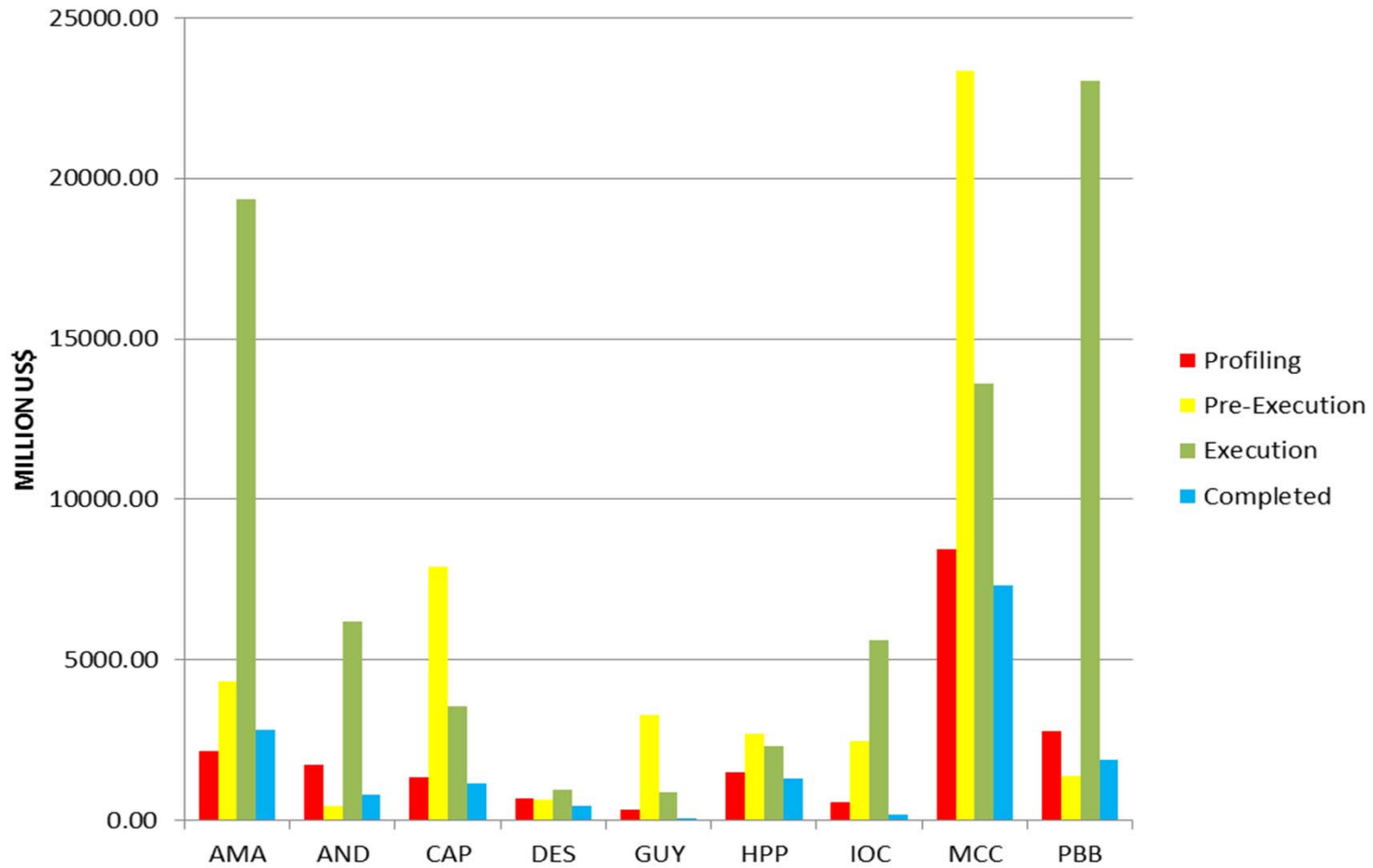
162 projects at the profiling stage 27.8%	US\$19,669.5 million 12.5%
164 projects at the pre-execution stage 28.1%	US\$46,503.9 million 29.5%
172 projects at the execution stage 29.5%	US\$75,267.3 million 47.7%
85 completed projects 14.6%	US\$16,289.8 million 10.3%

Source: COSIPLAN Information System as of October 4, 2013.

# Project Portfolio 2013 Indicators

## PROJECTS BY HUB AND IMPLEMENTATION STAGE

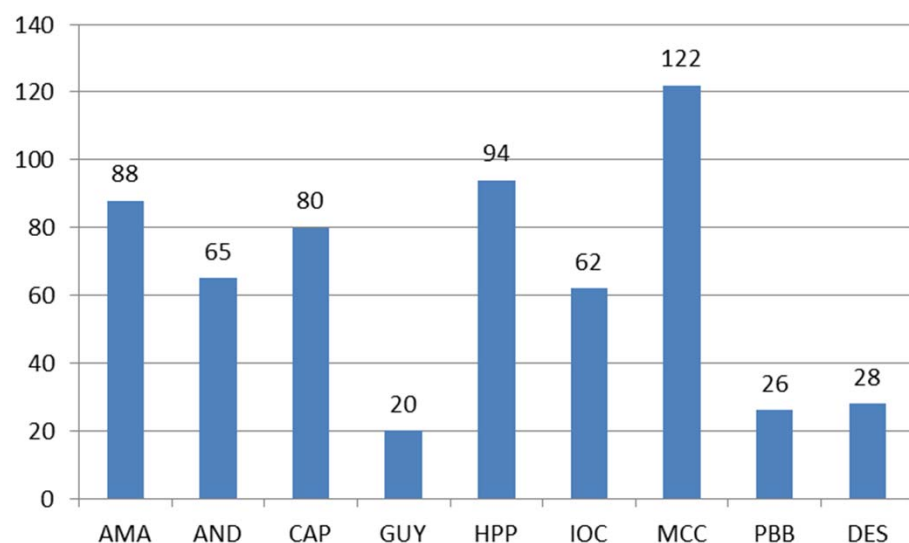
> in million US\$



# Project Portfolio 2013 Indicators

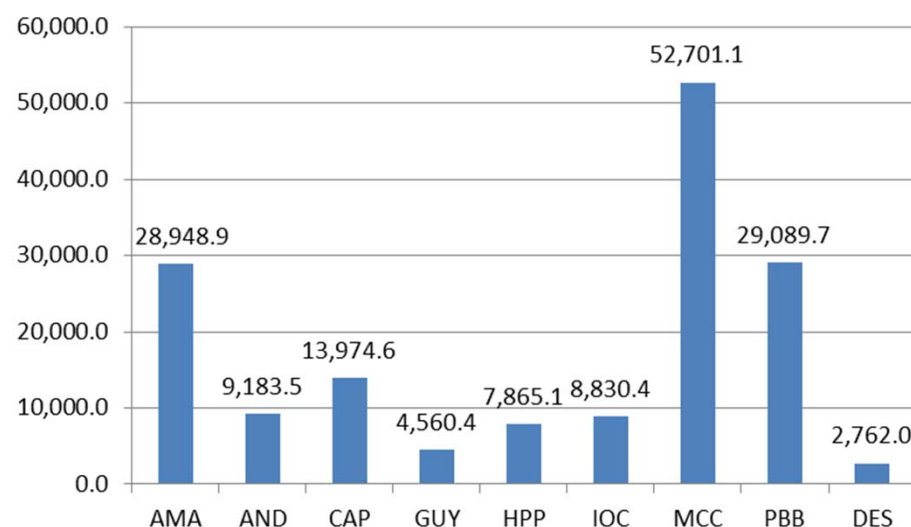
## NUMBER OF PROJECTS AND INVESTMENT AMOUNT BY HUB

> in number of projects



Two thirds of the total number of projects (384) are located in the MERCOSUR-Chile, Paraguay-Paraná Waterway, Amazon, and Capricorn Hubs.

> in million US\$

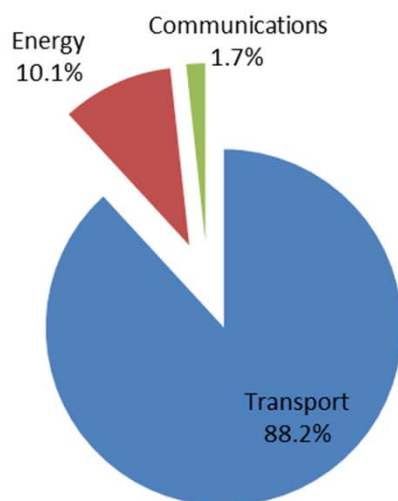


70.2% of the estimated investment is allocated to the MERCOSUR-Chile, Amazon, and Peru-Brazil-Bolivia Hubs.

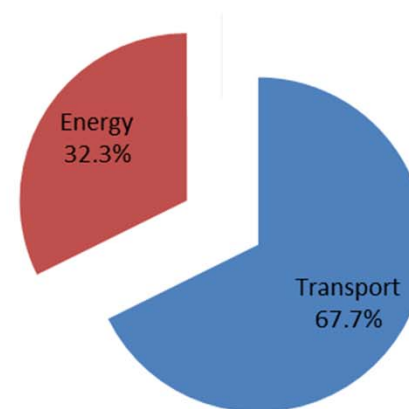
# Project Portfolio 2013 Indicators

## PORTFOLIO SECTOR-BASED BREAKDOWN

> in percentage of number of projects



> in percentage of estimated investment



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The largest number of Portfolio projects is in the transport sector (514 projects), particularly in road transportation (235 projects). Most road projects are concentrated in three Hubs: MERCOSUR-Chile, Capricorn, and Andean Hubs.

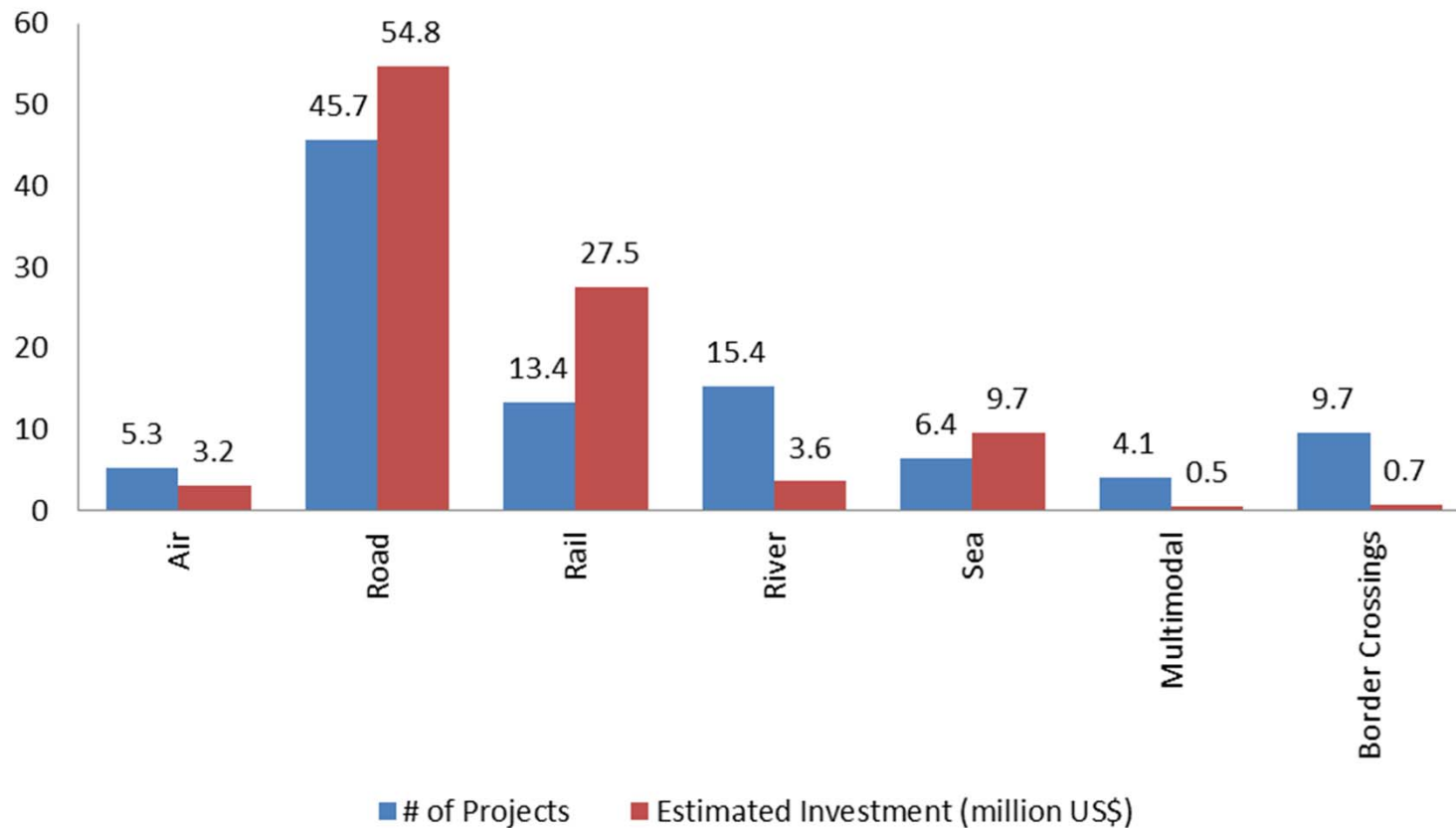
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Rail and road projects account for more than 80% of investment in the transport sector. The projects in the energy sector account for one third of the Portfolio estimated investment. Ten projects in the communications sector involve an investment estimated at US\$44.7 million.

# Project Portfolio 2013 Indicators

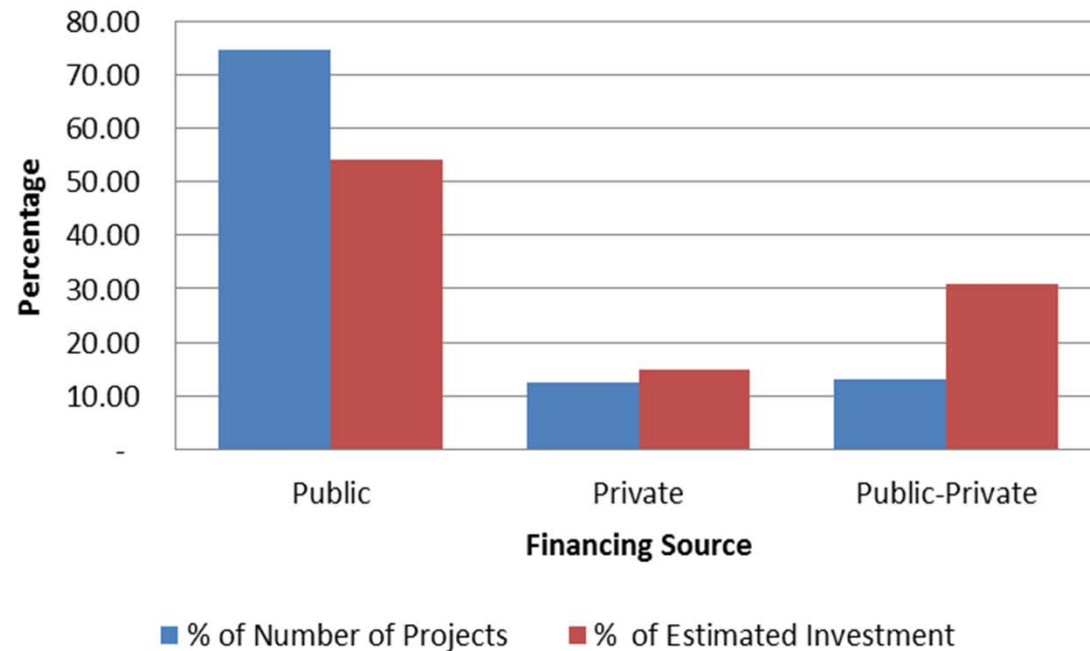
## SUBSECTOR-BASED BREAKDOWN IN THE TRANSPORT SECTOR

- > percentage of total transport sector projects in number of projects and estimated investment



# Project Portfolio 2013 Indicators

## PROJECT FINANCING SOURCES



> in % of number of projects and % of estimated investment

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The public sector is the main source of financing for the Portfolio projects (74.5% of total projects).

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## II. Indicative Territorial Planning Methodology

Application of the methodology to the **Amazon Hub** on the basis of the incorporation of the **Brazilian northeastern and central-western** territories to the South American territorial planning.





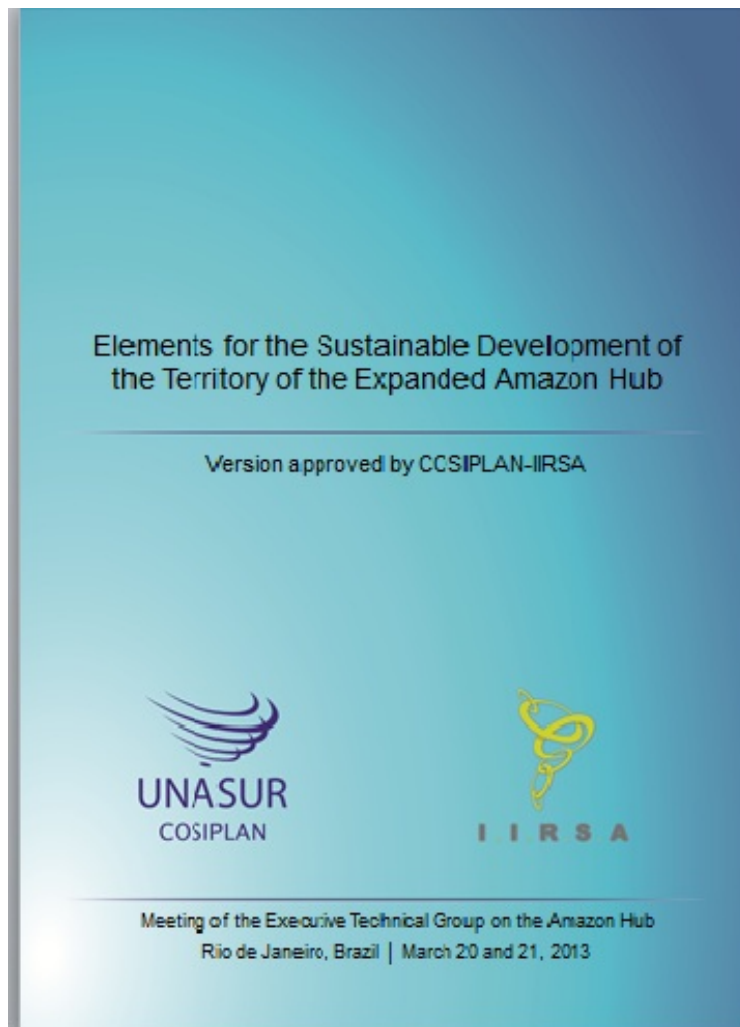
# Indicative Territorial Planning Methodology

| main activities |

- > Development of a **new Strategic Vision** for the Amazon Hub.
- > **Application** of the Indicative Territorial Planning **Methodology** at the GTE Meeting on the Amazon Hub (March 20-21, Rio de Janeiro)

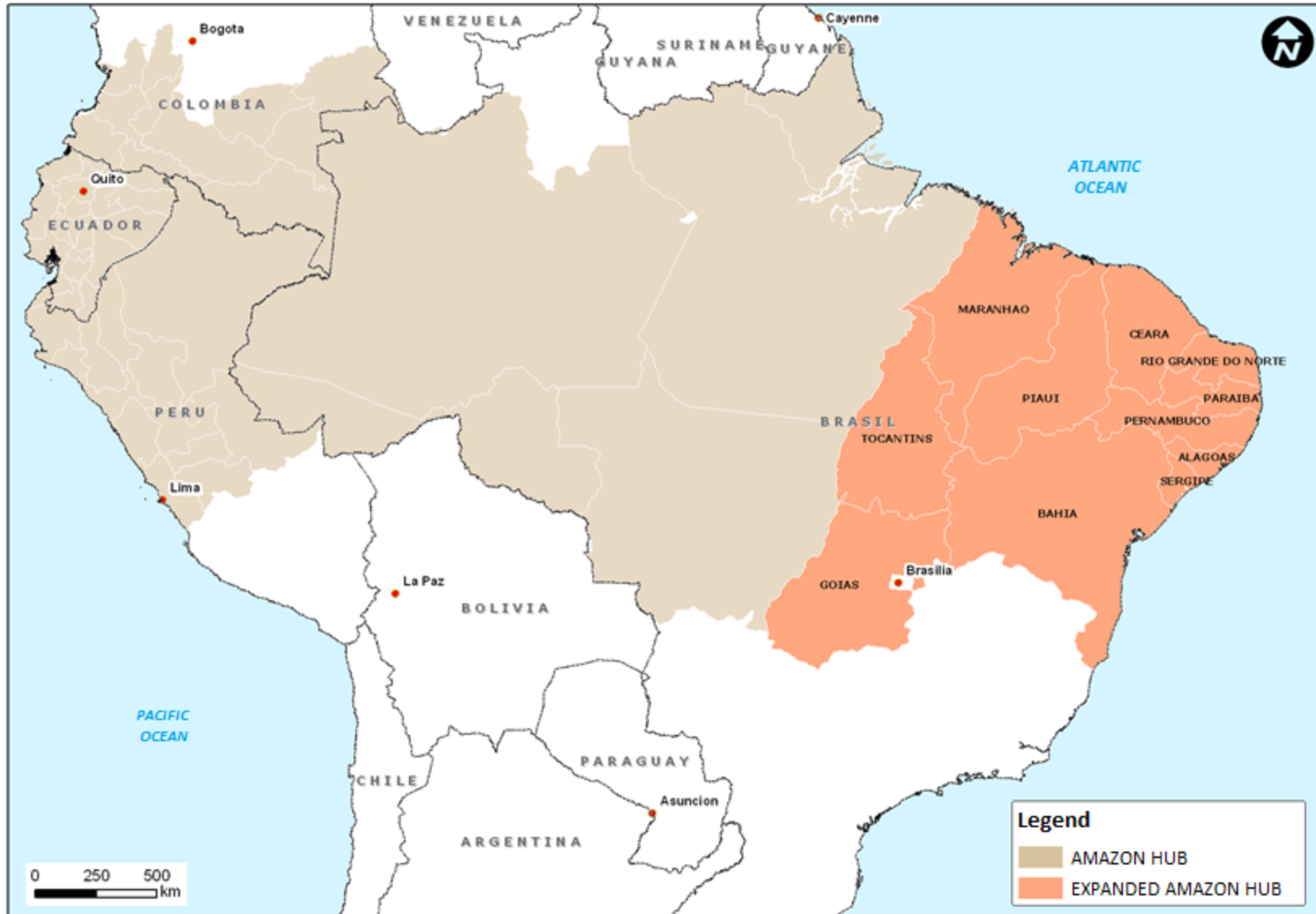


# New Strategic Vision for the Amazon Hub



- > Background to the Incorporation of the Northeastern and Central-Western Regions of Brazil
- > Characteristics of the Area of Influence
- > Economic Review
- > Social and Environmental Background
- > Infrastructure in the Original and the Expanded Hub
- > Portfolio Project Groups 5 and 8
- > Relation between the Amazon Hub and Other Hubs

# Area of Influence of the Amazon Hub

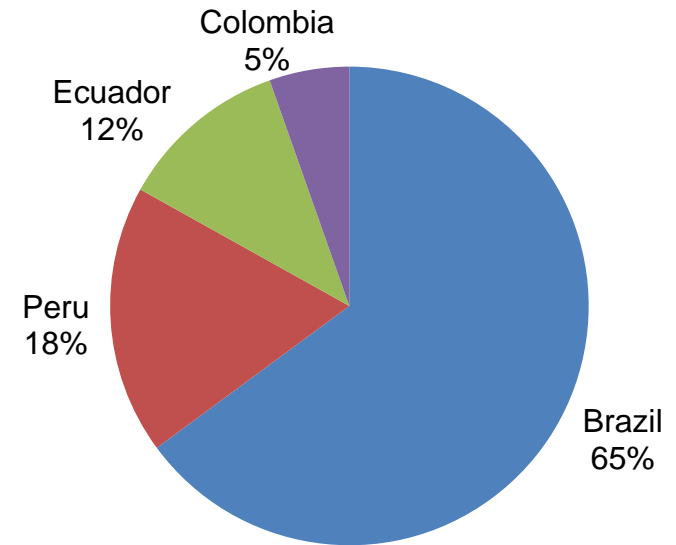
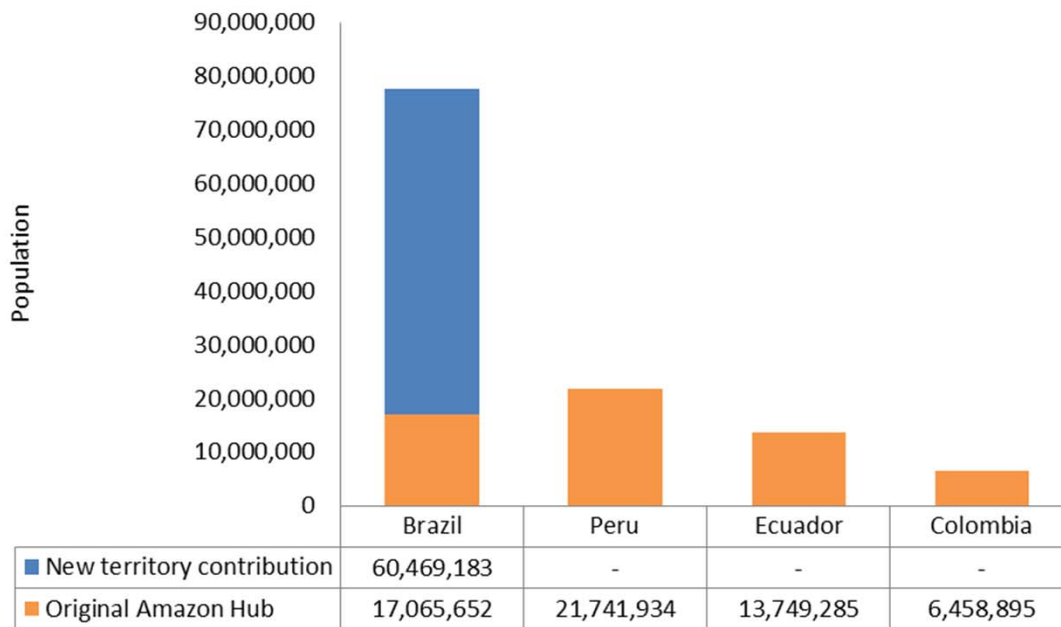


# Demographic Aspects

## POPULATION INVOLVED IN THE AMAZON HUB

> in number of inhabitants of the original and the expanded Hub

> relative share of each country in the total population of the Hub

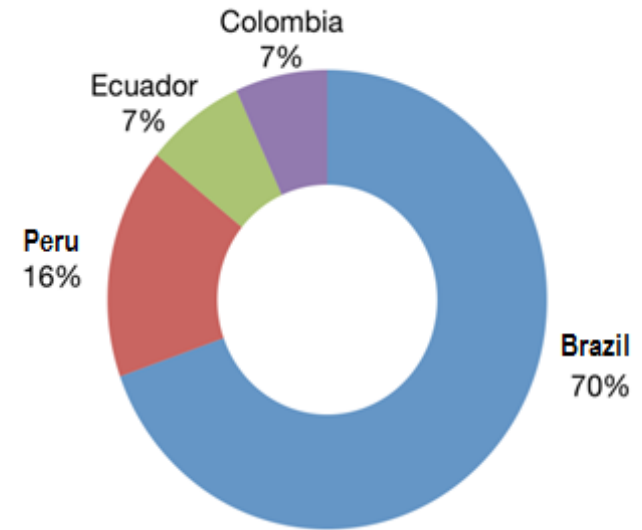
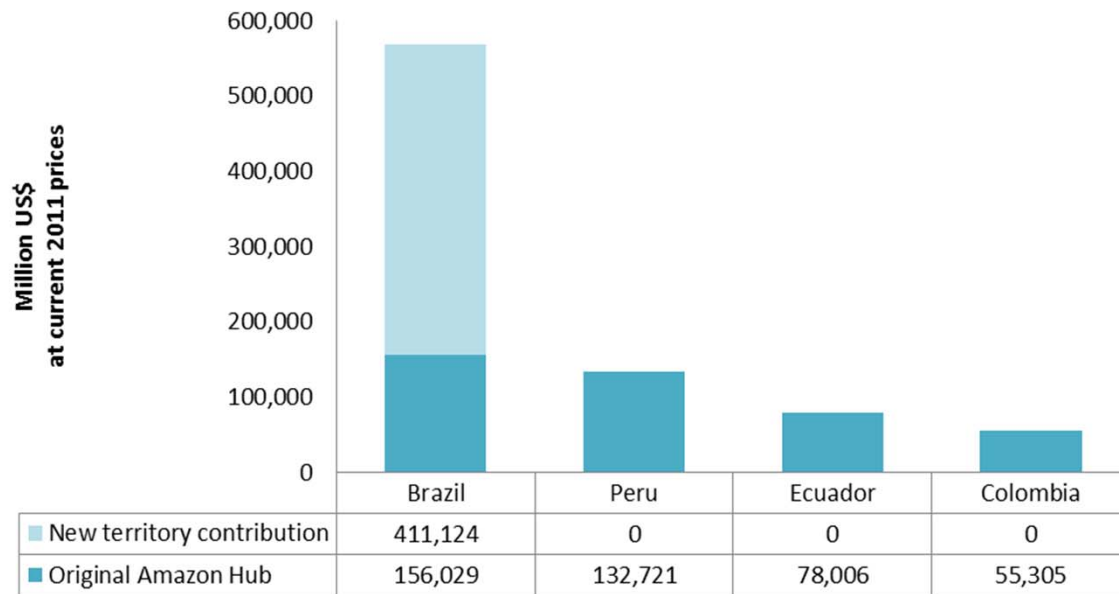


# Economic Aspects

## GDP OF THE ADMINISTRATIVE UNITS OF THE HUB

> countries' contribution to aggregate GDP in the original and the expanded Hub

> relative share of each country in the aggregate GDP of the Hub



# Economic Aspects

## MAIN PRODUCTS OF THE ADMINISTRATIVE UNITS OF THE HUB



### > BRAZIL

Aluminum, cattle, copper, fertilizers, iron and steel, wood, corn, cassava, soybean, crude oil and its derivatives.



### > COLOMBIA

Coffee, natural gas and crude oil extraction, manufactures.



### > ECUADOR

Banana, natural gas and crude oil extraction, various industries (food, beverages, refining, chemicals, coke, rubber and plastics).

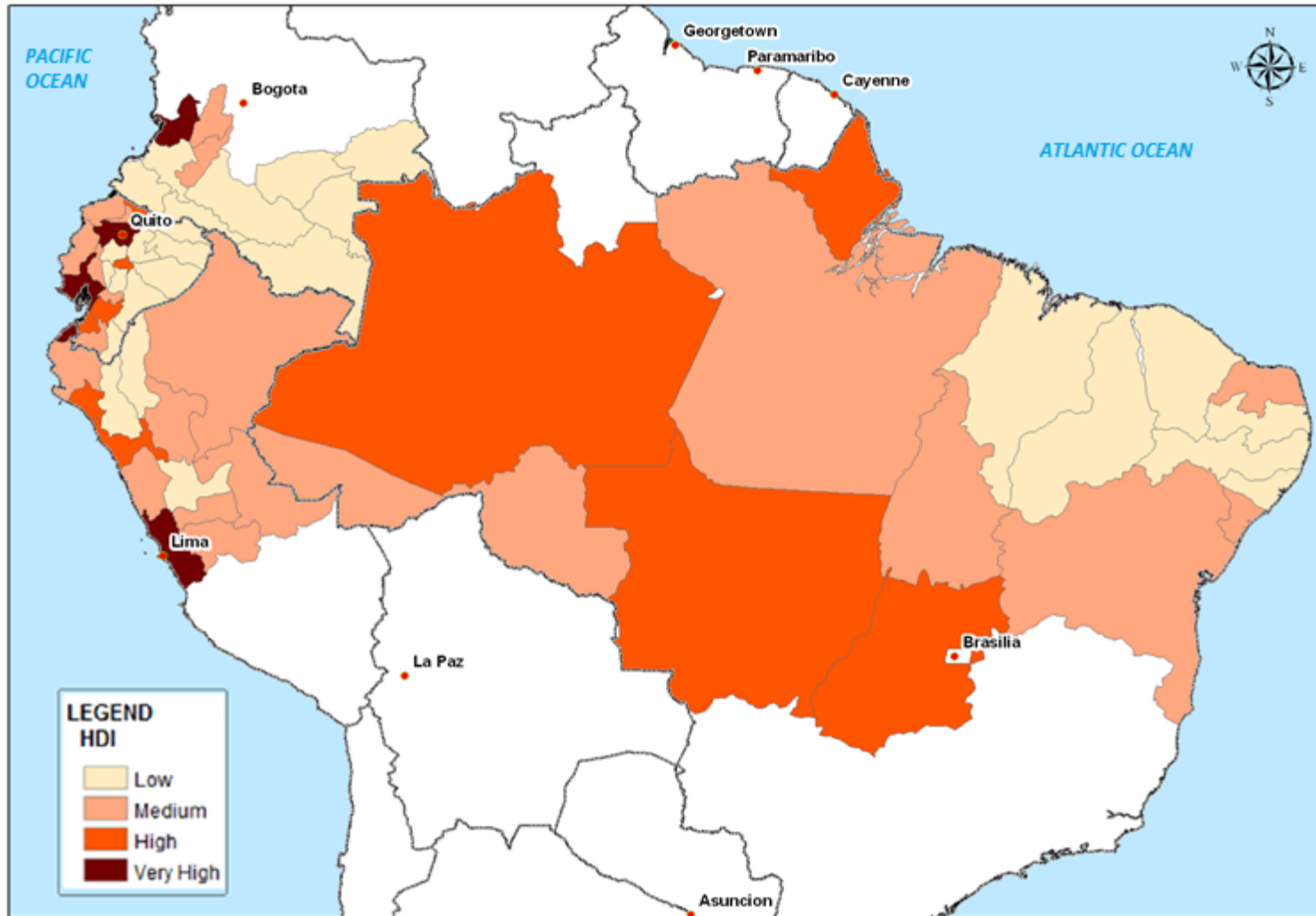


### > PERU

Metal mining, agriculture, birds, various meats, sugarcane and sugar, industries.

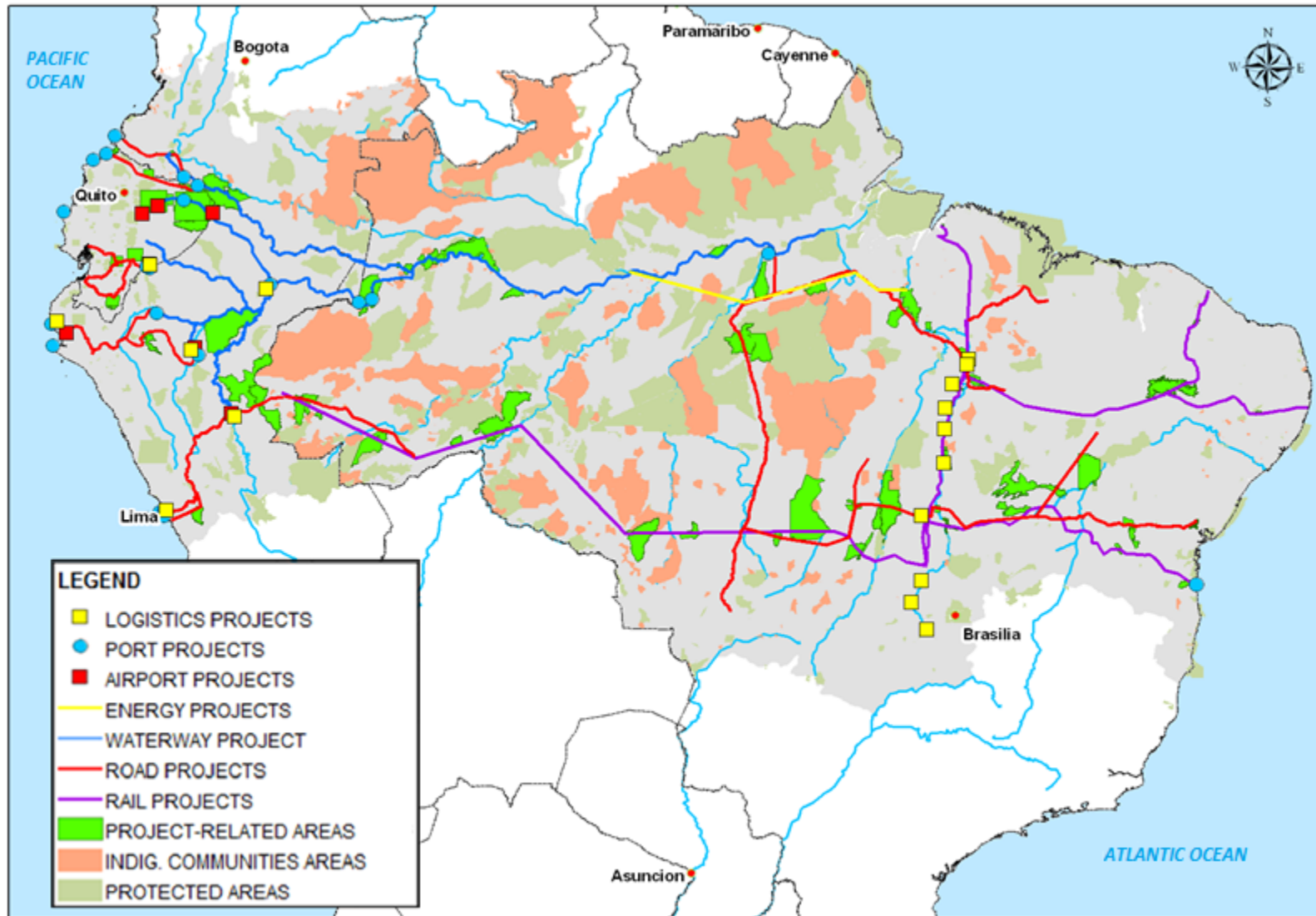
# Social Aspects

HUMAN DEVELOPMENT INDEX (HDI) IN THE ADMINISTRATIVE UNITS OF THE HUB



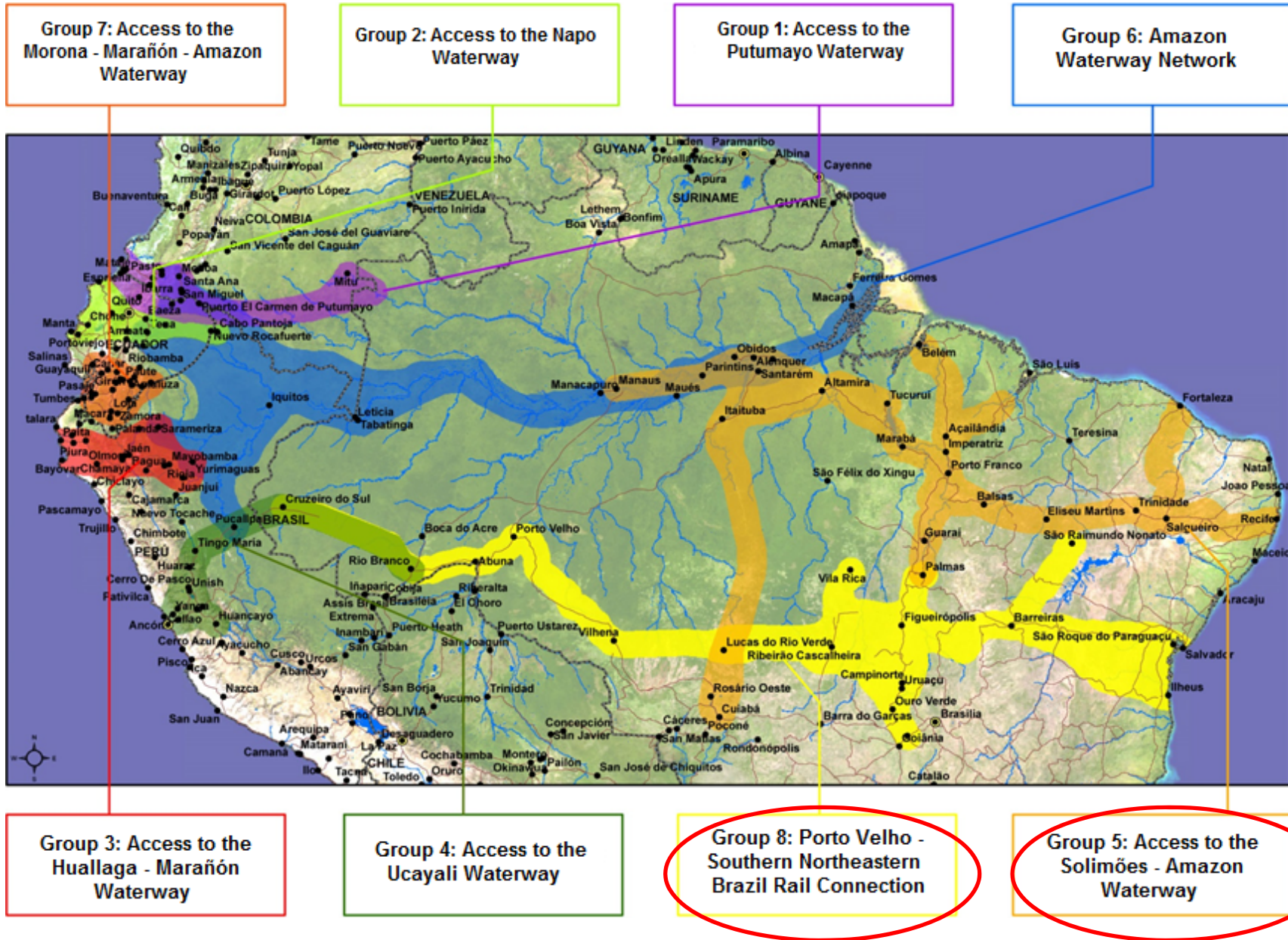
# Social and Environmental Aspects

RELATION OF INFRASTRUCTURE WITH INDIGENOUS PEOPLES AND PROTECTED AREAS

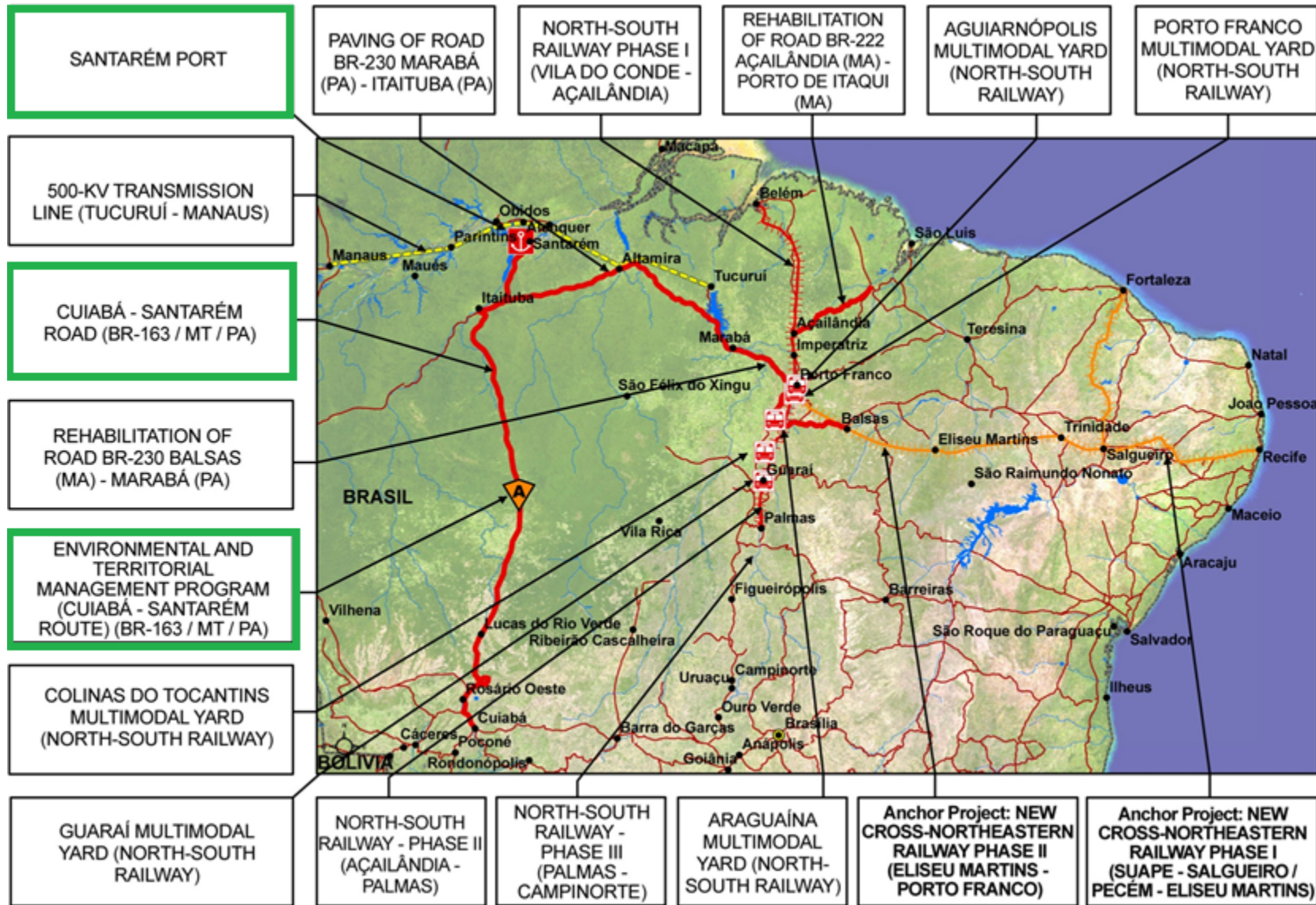




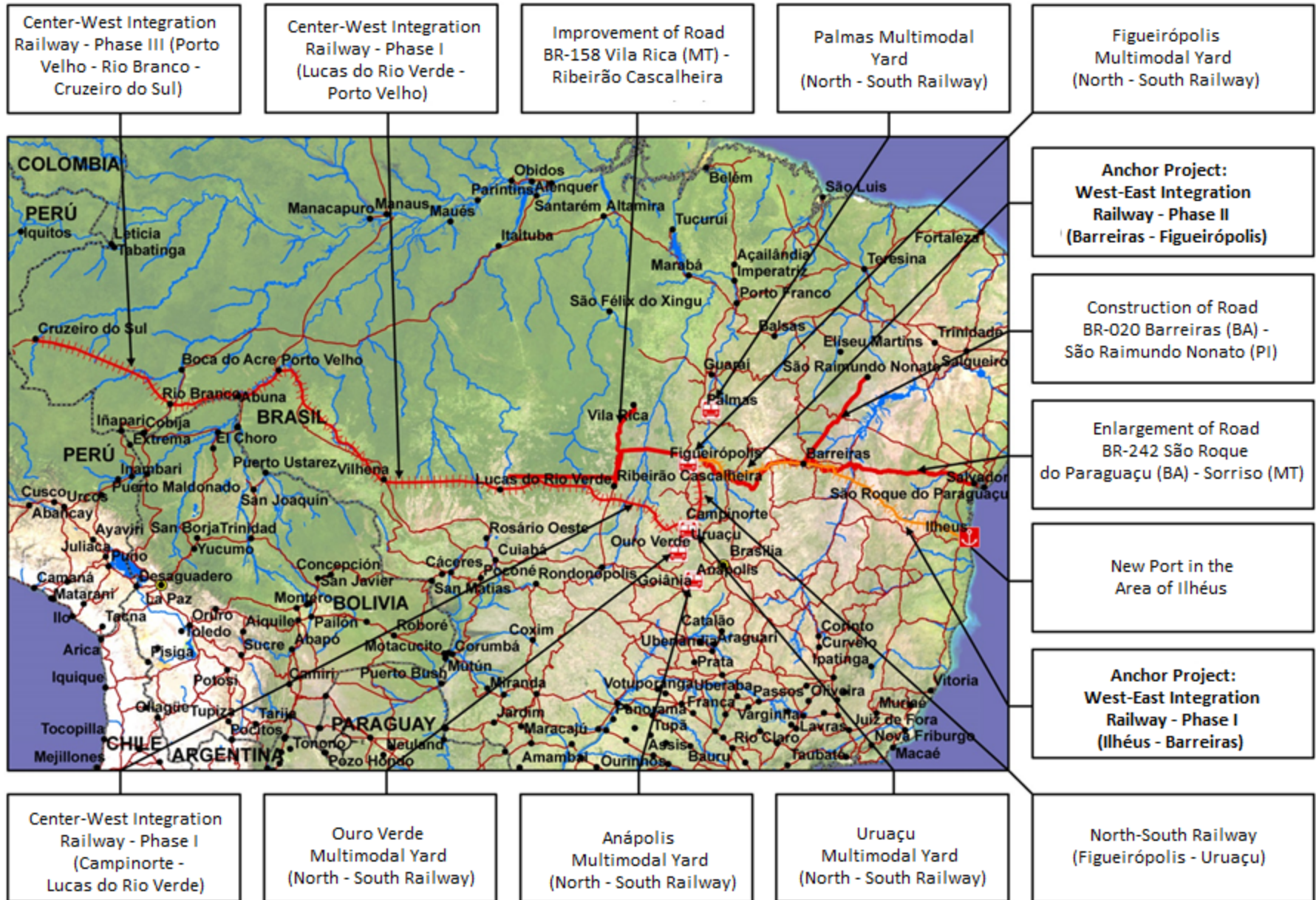
# Application of the Indicative Territorial Planning Methodology



# Group 5: Connection between the Amazon Basin and Northern Northeastern Brazil

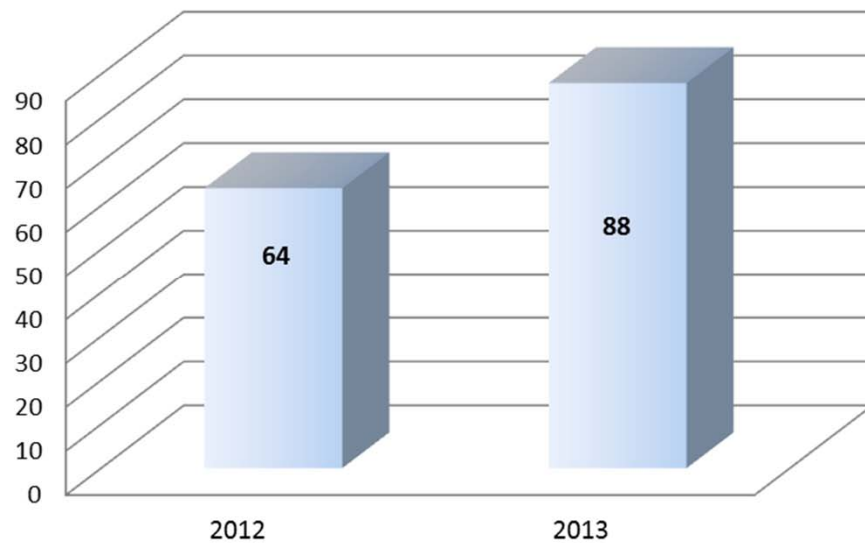


# Group 8: Porto Velho - Southern Northeastern Brazil Rail Connection



# Amazon Hub Portfolio Progress 2012-2013

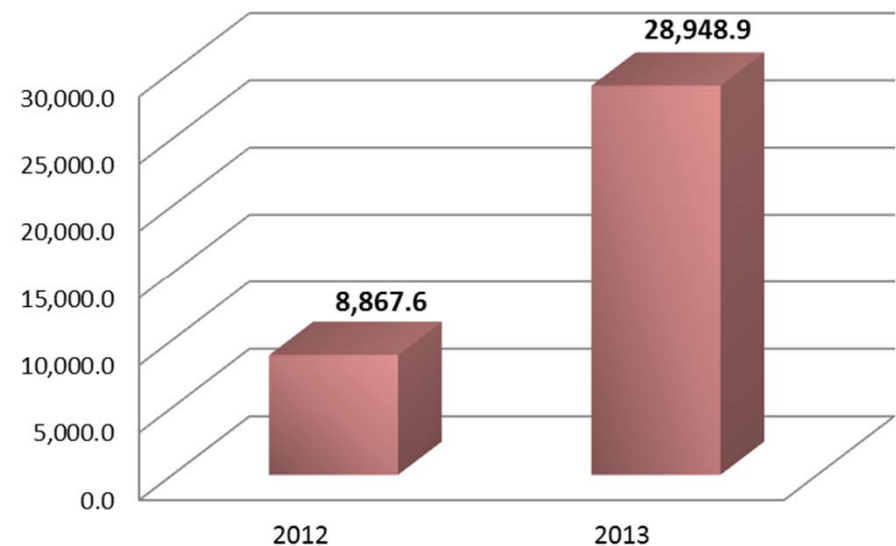
> in number of projects



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Between 2012 and 2013, the number of projects in the Amazon Hub Portfolio grew by **37.5%**.

> in million US\$



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Between 2012 and 2013, the estimated investment in the Amazon Hub Portfolio grew by **226%**.

# III. COSIPLAN Project Portfolio Report 2013



- > The Project Portfolio in the South American Physical Integration Process
- > Territorial Planning in South America
- > COSIPLAN Project Progress in 2013
- > COSIPLAN Project Portfolio 2013 Indicators
- > The Project Portfolio by Integration and Development Hub

# IV. Update of the Socioeconomic and Environmental Characterization of the Hubs

Updated information on the **territorial, social, economic and environmental** fields in relation to the **infrastructure** in the Integration and Development Hubs.



# Update of the Socioeconomic and Environmental Characterization of the Hubs

| main activities |

- > Approval of the **objective and proposed content** at the GTE Meeting to Update the Portfolio (May 7-9, Montevideo).
- > Delivery of the preliminary version to the countries involved in the **Andean and MERCOSUR-Chile Hubs**.



## B. Integration Priority Project Agenda - API

API is made up of a limited number of **strategic** projects with a **high impact** on the physical integration and the **socioeconomic development** of the region.







# Integration Priority Project Agenda - API

| main activities |

- I. Consolidation of the methodology for **scheduling the life cycle** of the API individual projects.
- II. **Update of the information on the API projects** and definition of their life cycle at the GTE Meeting on API and the CMS (August 27-28, Rio de Janeiro).
- III. Drawing up of the **API Progress Report 2013**.

# I. Consolidation of the Methodology for Project Life Cycle Scheduling

INDIVIDUAL PROJECT STAGES AND SUB-STAGES										
PROFILING 0%	PRE-EXECUTION 30%					EXECUTION 65%				COMPLETED 5%
0% Initial status	6% Resources for studies	12% Studies underway	18% Approved studies	24% Permits granted	30% Resources for works	50% First quarter of works	65% Second quarter of works	80% Third quarter of works	95% Fourth quarter of works	100% Works handed over

## II. Update of the Information on the API Projects



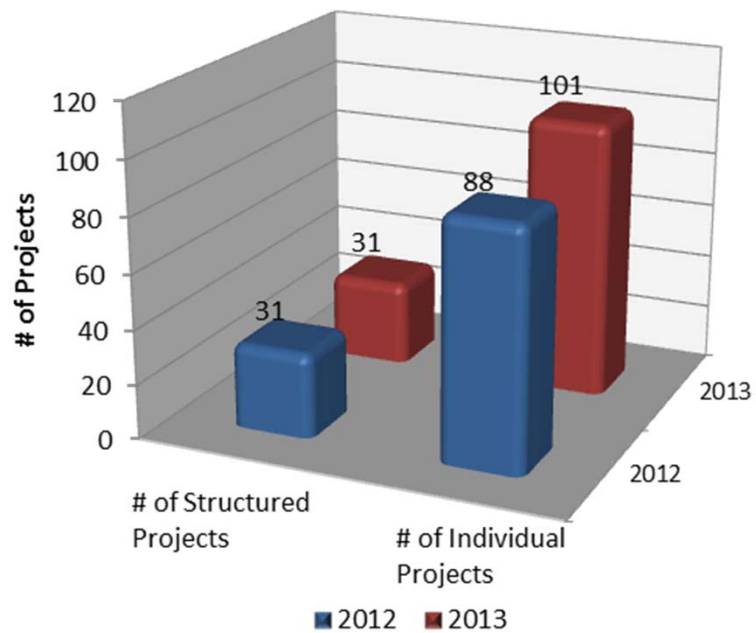
> **31** structured projects

> **101** individual projects

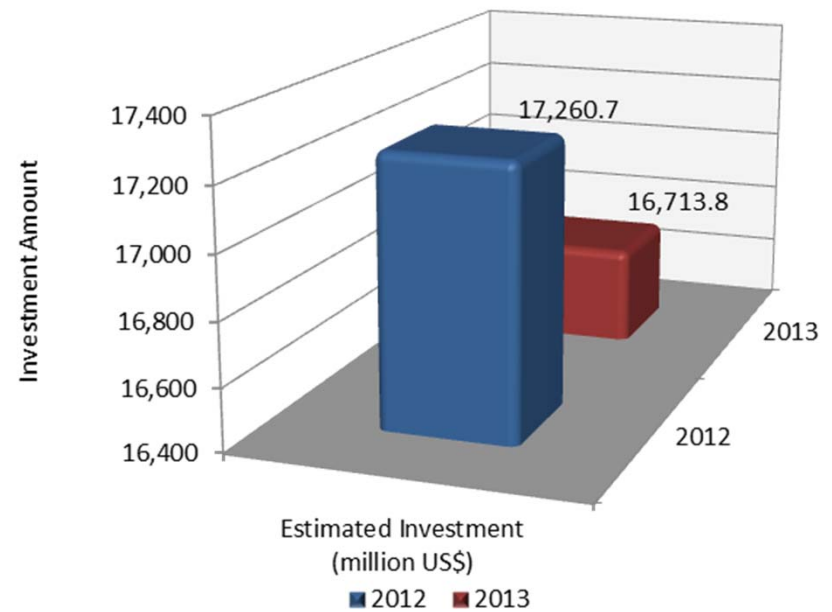
> **US\$16,713.8** million estimated investment

# API Progress 2012-2013

> in number of structured and individual projects

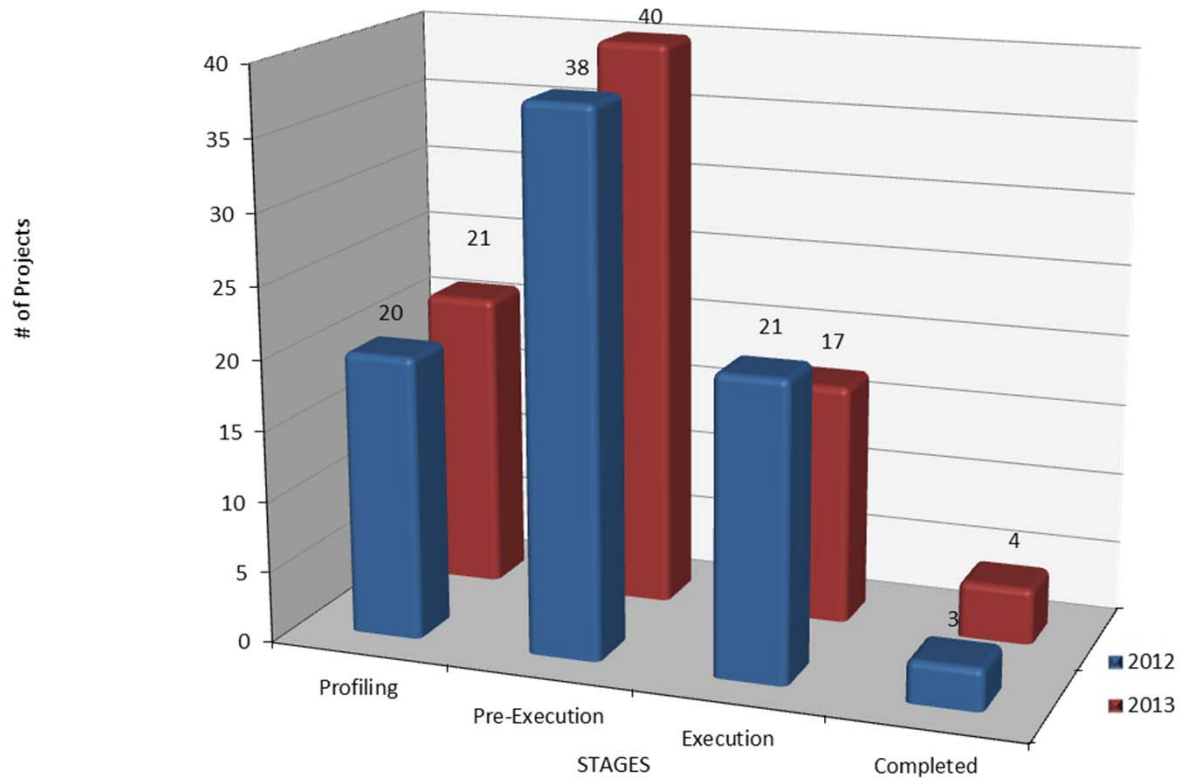


> in estimated investment (million US\$)



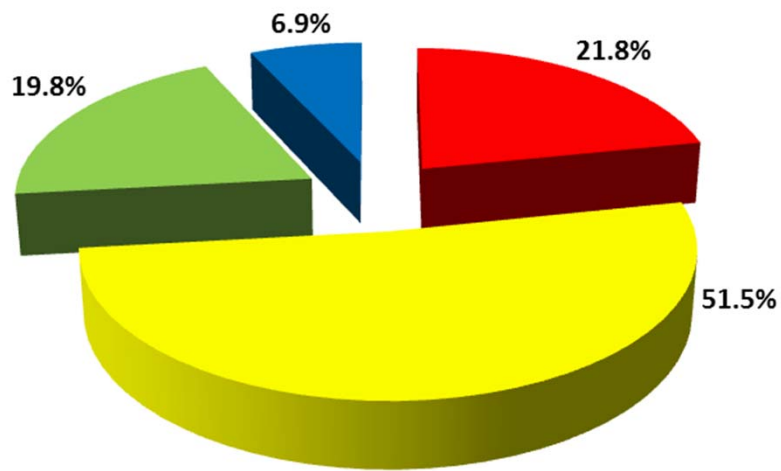
# API Progress 2012-2013

## API PROGRESS 2012-2013 BY PROJECT LIFE CYCLE



# API 2013 Indicators

## NUMBER OF PROJECTS AND INVESTMENT AMOUNT BY LIFE CYCLE STAGE



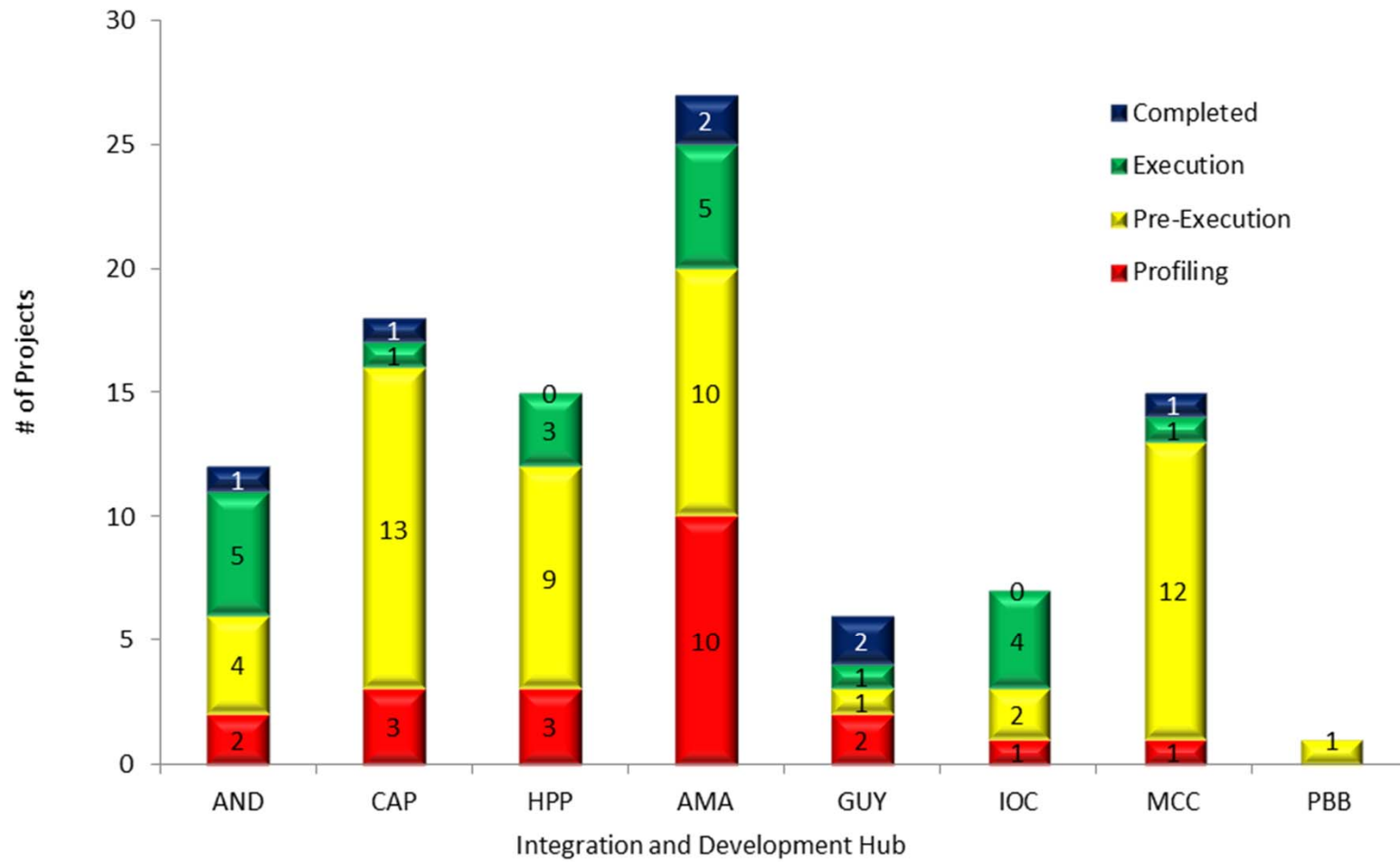
22 projects at the profiling stage 21.8%	US\$1,337.0 million 8%
52 projects at the pre-execution stage 51.5%	US\$7,869.3 million 47.08%
20 projects at the execution stage 19.8%	US\$7,502.5 million 44.89%
7 completed projects 6.9%	US\$5.0 million 0.03%

Source: COSIPLAN Information System as of October 4, 2013.

# API Indicators

## PROJECTS BY HUB AND LIFE CYCLE STAGE

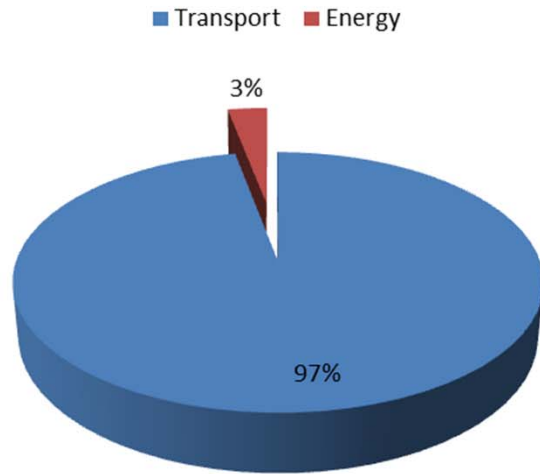
> in number of projects



# API Indicators

## API SECTOR-BASED BREAKDOWN

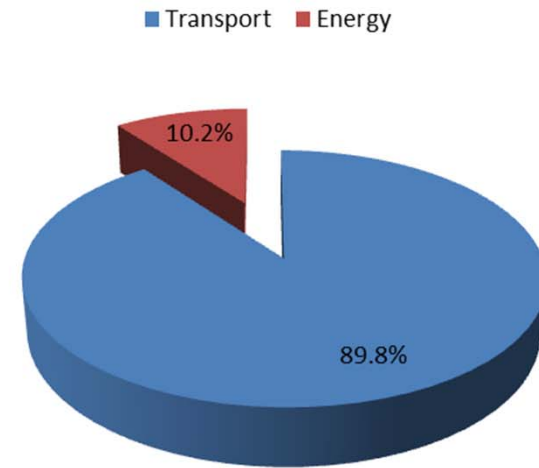
> in percentage of number of projects



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The largest number of API projects is in the transport sector. Energy projects only account for 3%.

> in percentage of estimated investment



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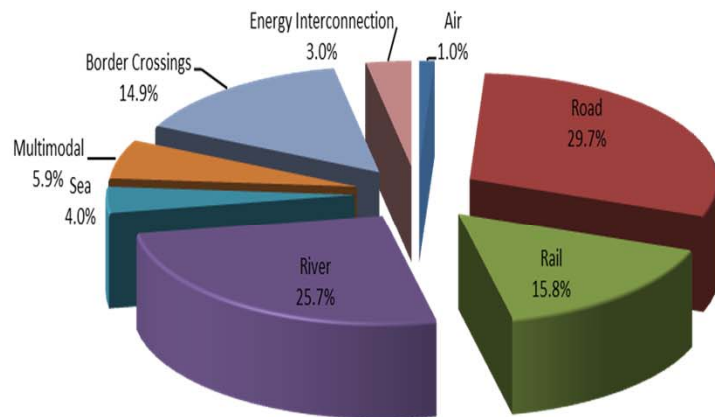
Energy projects account for 10.2% of the API estimated investment.



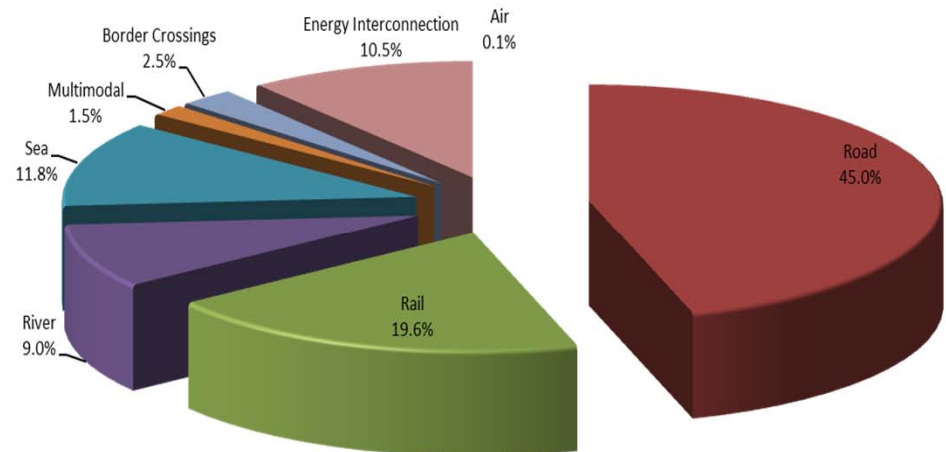
# API Indicators

## SUBSECTOR-BASED BREAKDOWN

> in number of projects



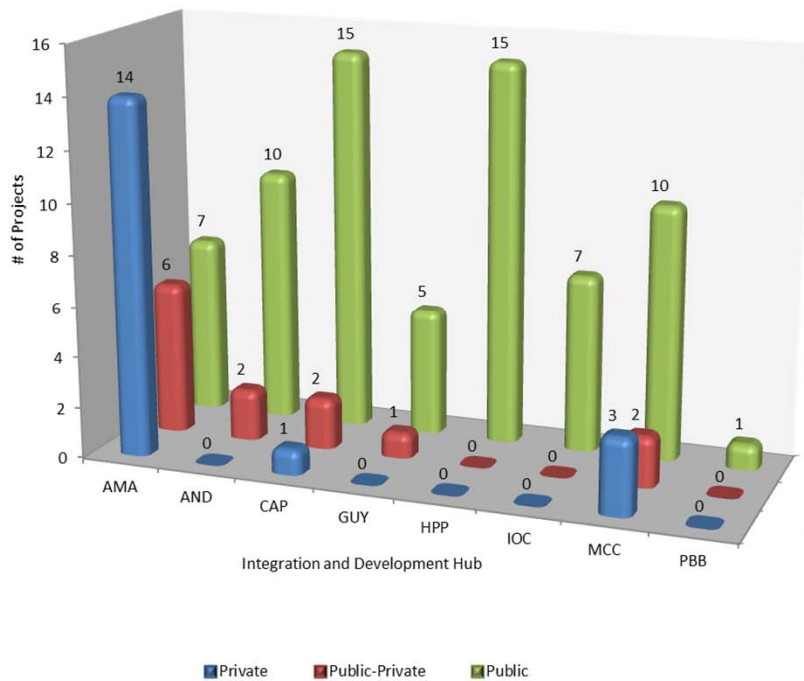
> in estimated investment (million US\$)



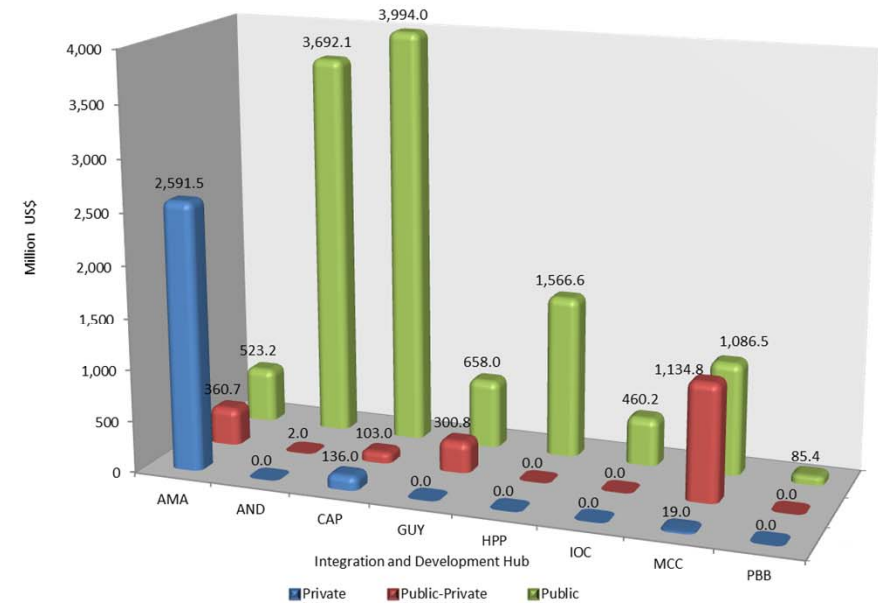
# API 2013 Indicators

## API SOURCE OF FINANCING

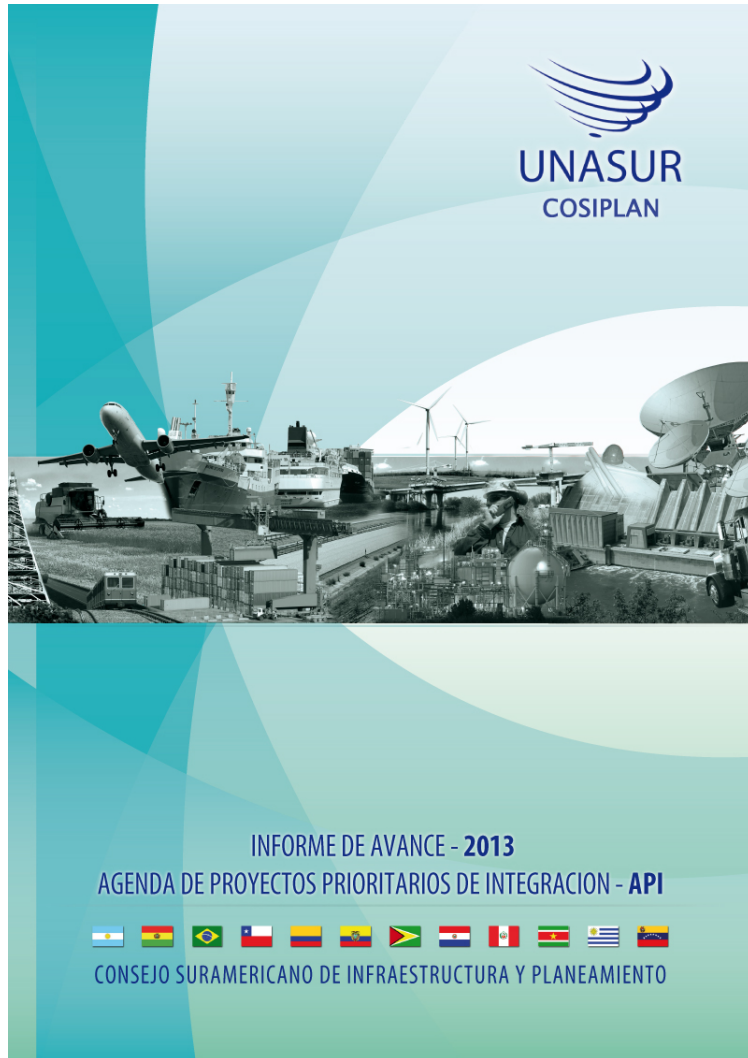
> by Hub in number of projects



> by Hub in million US\$



# III. API Progress Report 2013



- > API in the South American Physical Integration Process
- > New API and CMS Tools and Developments in 2013
- > API Projects: Taking Stock of Progress
- > API Structured Projects by Hub

# C. COSIPLAN Project Information System (Project Database)

A tool to **support** integration infrastructure **planning and analysis** containing **standardized information** on the COSIPLAN projects.



# COSIPLAN PROJECT INFORMATION SYSTEM

COSIPLAN Project  
Portfolio  
Database

API  
Individual  
Projects

API Structured  
Projects  
Database

Continuous  
Monitoring System



# COSIPLAN Project Information System

| main activities |

- I. Improvements in the **COSIPLAN Project Portfolio** Database.
- II. Development of the **API Structured Project** Database.
- III. Development and implementation (test phase) of the **API Continuous Monitoring System (CMS)**.



## Welcome to the Projects Database COSIPLAN

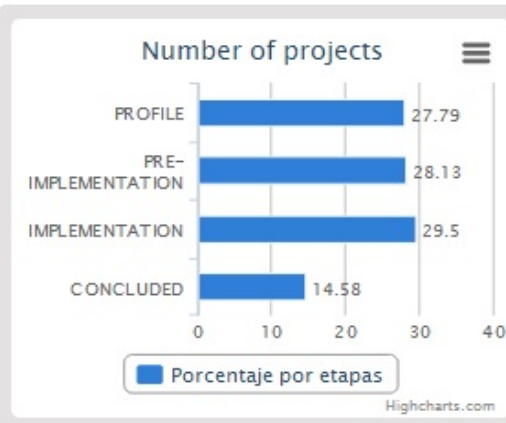
You can choose your preferred language in the top right of the site  
 For inquiries should select below

COSIPLAN Portfolio Projects  
 Database

Agenda of Priority Projects  
 Integration

**Total number of projects: 583**

**Total investment: 158,620,509,215**  
 (in US\$)



## COSIPLAN PORTFOLIO PROJECTS DATABASE

Select Criteria/s Query

<p><b>HUB</b></p> <ul style="list-style-type: none"> <li>AMAZON HUB</li> <li>ANDEAN HUB</li> <li>CAPRICORN HUB</li> <li>CENTRAL INTEROCEANIC HUB</li> </ul>	<p><b>ANCHOR PROJECT</b></p> <p>SELECT</p>
<p><b>GROUP</b></p> <ul style="list-style-type: none"> <li>G01: G1 - ACCESO A LA HIDROVÍA DEL PI</li> <li>G01: G1 - ANTOFAGASTA - PASO DE JAM</li> <li>G01: G1 - BELO HORIZONTE - FRONTERA</li> <li>G01: G1 - CONCEPCIÓN - BAHÍA BLANCA</li> </ul>	<p><b>API PROJECT</b></p> <p>SELECT</p>
<p><b>COUNTRY</b></p> <ul style="list-style-type: none"> <li>ARGENTINA</li> <li>BOLIVIA</li> <li>BRAZIL</li> <li>CHILE</li> </ul>	<p><b>TOTAL INVESTMENT (In US\$)</b></p> <ul style="list-style-type: none"> <li>0 - 500,000</li> <li>500,001 - 1,000,000</li> <li>1,000,001 - 10,000,000</li> <li>10,000,001 - 50,000,000</li> </ul>
<p><b>LEVEL</b></p> <p>SELECT</p>	<p><b>SOURCE OF FINANCING</b></p> <ul style="list-style-type: none"> <li>BINATIONAL</li> <li>BNDES</li> <li>CAF</li> <li>EUROPEAN UNION</li> </ul>
<p><b>SECTOR</b></p> <ul style="list-style-type: none"> <li>Communications</li> <li>Energy</li> <li>Transportation</li> </ul>	<p><b>TYPE OF FINANCING</b></p> <ul style="list-style-type: none"> <li>Private</li> <li>Public</li> <li>Public/Private</li> </ul>
<p><b>SUBSECTOR</b></p> <ul style="list-style-type: none"> <li>Air subsector</li> <li>Border Crossing</li> <li>Communication Interconnection</li> <li>Energy Generation</li> </ul>	<p><b>PROJECT STAGE</b></p> <ul style="list-style-type: none"> <li>PROFILE</li> <li>PRE-IMPLEMENTATION</li> <li>IMPLEMENTATION</li> <li>CONCLUDED</li> </ul>
<p><b>TYPE OF WORK</b></p> <ul style="list-style-type: none"> <li>Bridges (new ones and refitting)</li> <li>Building of new power interconnections</li> <li>Building of new river ports</li> <li>Building of railways</li> </ul>	<p><b>COMPLETE STUDIES</b></p> <p>SELECT</p>
	<p><b>PROJECT KEYWORD</b></p> <p>_____</p>
	<p><b>CODE</b></p> <p>_____</p>



## Database Priority Agenda for Integration Project

<b>COUNTRY</b>	<ul style="list-style-type: none"> <li>ARGENTINA</li> <li>BOLIVIA</li> <li>BRAZIL</li> <li>CHILE</li> </ul>	<b>TOTAL INVESTMENT (In US\$)</b>	<ul style="list-style-type: none"> <li>0 - 5,000,000</li> <li>5,000,001 - 10,000,000</li> <li>10,000,001 - 100,000,000</li> <li>100,000,001 - 500,000,000</li> </ul>
<b>HUB</b>	<ul style="list-style-type: none"> <li>AMAZON HUB</li> <li>ANDEAN HUB</li> <li>CAPRICORN HUB</li> <li>CENTRAL INTEROCEANIC HUB</li> </ul>		
<b>API STRUCTURED PROJECTS</b>	<ul style="list-style-type: none"> <li>ACCESO NORORIENTAL AL RÍO AMAZONAS</li> <li>AEROPUERTO DISTRIBUIDOR DE CARGA Y PASAJEROS PARA SUDAMÉRICA (HUB AEROPUERTO INTERNACIONAL VIRU VIRU, SANTA C</li> <li>AUTOPISTA DEL SOL: MEJORAMIENTO Y REHABILITACIÓN DEL TRAMO SULLANA - AGUAS VERDES (INCLUYE VÍA DE EVITAMIENTO DE</li> <li>CENTRO BINACIONAL DE ATENCIÓN DE FRONTERA (CEBAF) DESAGUADERO</li> </ul>		

RESULTS OF SEARCH 31

Base de Datos de la Cartera del COSIPLAN





Projects Reports Clear


# The CMS in the Individual Project Files

## MÓDULO DE ESTADO Y MONITOREO

### ETAPAS Y SUBETAPAS DEL PROYECTO

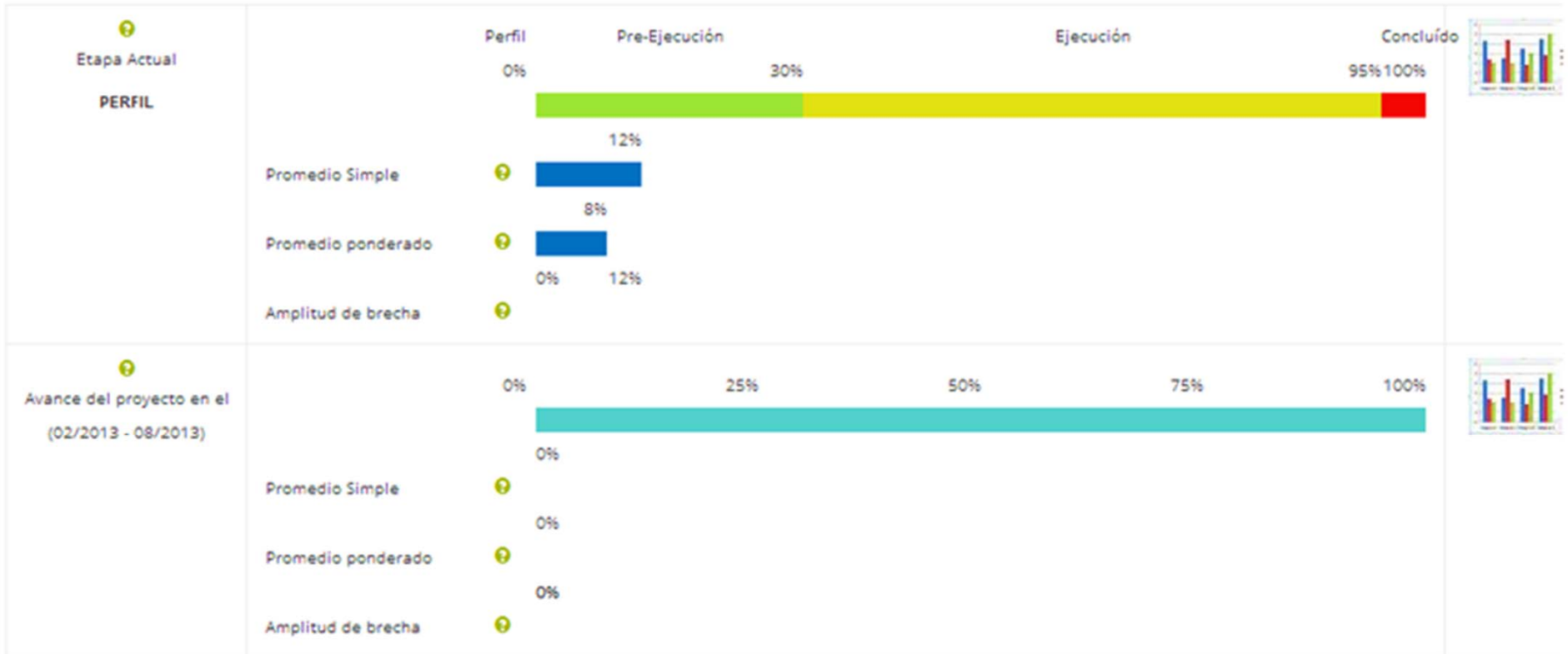
PERFIL 0% ?	PRE-EJECUCIÓN 30% ?					EJECUCIÓN 65% ?				CONCLUIDO 5% ?
0% Condición Inicial ?	6% Recursos estudios ?	12% Estudios en desarrollo ?	18% Estudios aprobados ?	24% Permisos otorgados ?	30% Recursos Obras ?	50% Primer cuarto de obra	65% Segundo cuarto de obra	80% Tercer cuarto de obra	95% Cuarto cuarto de obra	100% Obras recibidas
PROGRAMACIÓN, PROGRESO Y DESVÍOS										
Término	Término	Término	Término	Término	Término	Término	Término	Término	Término	Término
12/2011	03/2012	12/2014	01/2015	06/2015	06/2016	06/2017	12/2017	06/2018	12/2018	12/2019
										

?  Cumplida  Desarrollo normal  Desarrollo con inconvenientes  No cumplida

Tipo de Desvío	Fecha de Término de la Subetapa ?	Subetapa	Causa	Fecha de Alta del Desvío	Fecha Modificación	Descripción	Estado
	12/2014	Estudios en desarrollo	Problemas del trabajo por causas institucionales	03/10/2013		En julio de 2012 fueron suspendidos los contratos de consultoria e interventoria,	En curso

# The CMS in the Structured Project Files

## MÓDULO MONITOREO PERMANENTE



# Contribution of the CCT Institutions to the Implementation of the COSIPLAN Projects



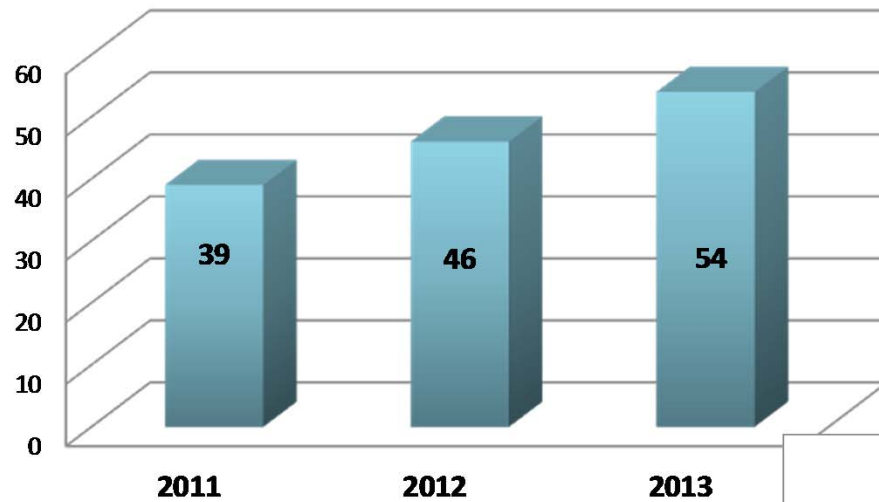
# CCT Financing to COSIPLAN Portfolio Projects or Project Components

CCT Operations			
Total Projects			9
Total Amount Approved (million US\$)*			677
Country	IDB Operations	Approval	Amount Approved (million US\$)
PA	Support for the Transmission System in Paraguay (500-kV Transmission Line (Yacyretá - Ayolas - Carayao)	Dec-12	50
SU	Meerzorg - Albina Integration Corridor Rehabilitation Project - Supplementary Financing	Dec-12	40
UR	Punta del Tigre Combined Cycle Project	Dec-12	200
UR	Modernization of the Montevideo Port and Complementary Works	oct-13	60
<b>TOTAL:</b>			<b>350</b>
Country	CAF Operations	Approval	Amount Approved (million US\$)
BO	Uyuni-Tupiza Road Construction Project	nov-12	108
BO	Upgrade of La Paz - Cochabamba - Santa Cruz Route to a Four-Lane Road, Quillacolo - Sutilollo/Sacaba Chiñata Section	Dic-12	34
BO	Yapacaní Bridge - Ichilo Bridge Road Construction	Ago-13	73
BO	Padilla - El Salto Road Project	nov-13	77
<b>TOTAL:</b>			<b>292</b>
Country	FONPLATA Operations	Approval	Amount Approved (million US\$)
BO	Rehabilitation by Degrees of Intervention of the San Ramón - San Javier - Río Uruguaito Section	oct-13	35
<b>TOTAL:</b>			<b>35</b>

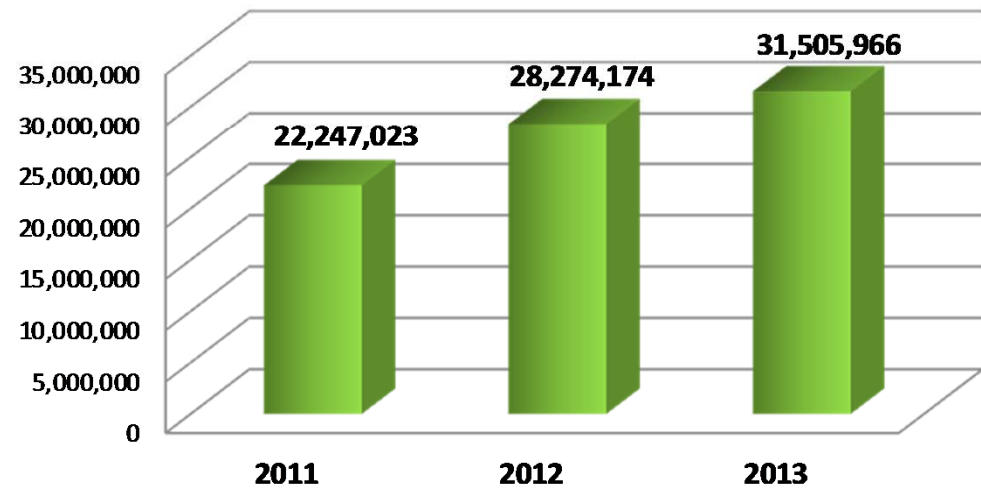
\* November 2012 - October 2013

# CCT Financing for COSIPLAN Portfolio Projects Pre-Investment Studies

## Number of Operations



## Amount (US\$)



# Pre-Investment Studies (IDB)

## FIRII - Approved Technical Cooperation Funds for IIRSA (\*)

ID	Operation	Name of the Project/Technical Cooperation	Total Cost (US\$)	FIRII Amount (US\$)
1	UR-T1016	Support to the Preparation Stage of the Montevideo Port Modernization Program	1,120,000	898,000
2	GY-T1026	Pre-Investment Program for the Georgetown-Lethem Road (Guyana Section)	1,125,000	900,000
3	CO-T1038	Preparation Stage of the Pasto-Mocoa Road Program	2,950,000	1,450,000
4	BO-T1054	Study: Final Design and Environmental Impact, Caranavi-Quiquibey-Yucumo Road	1,452,000	1,155,000
5	RG-T1264	Study for the Enhancement of the "Cristo Redentor" Border Crossing	906,000	481,000
6	SU-T1030	Studies for the Meerzorg-Albina Road Rehabilitation	1,875,000	1,484,975
7	BR-T1053	Strategic Plan for the Sustainable Development of Metropolitan Meso-Region of Rio de Janeiro	1,270,000	1,017,000
8	BR-T1056	Pre-Feasibility for Santos Port Enlargement	1,300,000	973,000
9	RG-T1230	Study on Chile and Argentina Connectivity	1,100,000	880,000
10	RG-T1589	Colombia-Ecuador Border Crossings	480,000	400,000
11	UR-T1057	IIRSA Market Study – Rivera Dry Port and Logistics	264,000	220,000
12	RS-T1275	Study on the Napo River Transportation and Navigation Conditions	931,000	745,000
13	BR-T1044	Economic, Technical and Environmental Pre-Feasibility Studies for River and Intermodal Connection of the Tietê-Paraná and Paraná-Prata Waterways	500,000	400,000
14	PR-T1046	Road Access from the Paraguayan Side to the Presidente Franco-Porto Meira Second Bridge (Foz do Iguaçu)	908,000	720,000
15	PE-T1040	Development Plan for the Amazon River System	1,062,500	850,000
16	PE-T1240	Preparation of the National Border Crossings Plan, Peru	563,000	450,000
17	RG-T2056	Support to the Studies on Andean Electrical Interconnection – SINEA	1,875,000	1,500,000
18	RG-T2080	South American Broadband Network	1,843,750	1,475,000
19	RG-T2244	Diagnosis of the Navigation Conditions on the Morona River	1,437,500	1,150,000
20	RG-T2256	Studies for Diagnosis and Modernization of Salto Grande Hydroelectric Complex	1,700,000	1,360,000
<b>TOTAL</b>			<b>24,662,750</b>	<b>18,508,975</b>

Notes: ■ Execution ■ Bidding/Concession ■ Completed

(\*) October 2013

# Pre-Investment Studies (CAF)

## PROINFRA – FAT – COPIF Cooperaciones Técnicas de IIRSA aprobadas (\*)

ID	Operation	Name of the Projects/Technical Cooperation	Total Cost US\$)	CAF Amount (US\$)
1	6203	Regional Environmental and Social Evaluation for the Bolpebra-Filadelfia Region and Nareuda-Extrema Road Project	50,000	40,000
2	5327	Updates of the Studies on and Design of the Buga-Buenaventura Section (Colombia)	300,000	134,000
3	6021	La Línea Tunnel Project (Colombia)	203,000	110,000
4	5674	GeoSUR Program (resources for the first implementation phase of the Program)	615,000	615,000
5	6558	GeoSUR Program, Phase II	485,000	485,000
6	7243	GeoSUR Program, Phase III	666,000	666,000
7	6962	Uruguay-Paraguay-Bolivia Gas Pipeline	350,000	350,000
8	7652	Uruguay-Paraguay-Bolivia Gas Pipeline II	452,000	365,000
9	6642	Feasibility y Stud: Calemar Road (Peru)	561,690	165,000
10	6720	Andahuaylas-Marcona Railway Line and Port Terminal	175,000	130,000
11	7055	La Línea Tunnel Environmental Action Program Studies	1,047,000	810,000
12	6564	Embalse Nuclear Power Plant Repowering	625,000	575,000
13	6961	Program for the Rehabilitation of the Belgrano Freight Railway	130,000	130,000
14	6906	Fortalecimiento de la Integración Sudamericana y Formación de redes entre Arg., Bol. y Par.	125,000	96,000
15	6717	Barranqueras Port Complex Master Plan	324,000	235,000
16	7244	Construction of the Rumichaca Border Crossing New Bridge	342,000	302,000
17	8056	EASE of "Multimodal Transportation in the Laguna Merín and Lagoa dos Patos System	366,000	366,000
18	71	"Laguna Merín: Border Development, Waterway and Local Stakeholders" Seminar-Workshop	15,000	15,000
19	8089	Regional Infrastructure for Internet Interconnection	375,000	375,000
20	8351	Infrastructure in the Comprehensive Development of Latin America (IDeAL) Study	490,000	490,000

Notes: ■ Execution ■ Bidding/Concession ■ Completed

(\*) October 2013



# Pre-Investment Studies (CAF)

## PROINFRA – FAT – COPIF Cooperaciones Técnicas de IIRSA aprobadas (\*)

ID	Operation	Name of the Projects/Technical Cooperation	Total Cost US\$)	CAF Amount (US\$)
21	7793	Investment Program to Improve the Territorial Integration of Argentina and Uruguay	637,500	495,000
22	7679	Strategy for the Development and Integration of the Southern Part of the Brazil-Peru Border Integration Zone (ZIFP) 2013-2022 & ZIF Operational Plan 2013-2014	433,572	305,000
23	8218	Potential of Super Wifi Infrastructures to Bridge the Digital Divide in Latin America	173,000	173,000
24	8162	Update of the Telecommunications Infrastructure and Services in the Latin American Countries	358,000	358,000
25	8089	Regional Infrastructure for Internet Interconnection	375,000	375,000
26	8320	Geosur Program Phase IV	601,500	336,500
27	8330	Initiative for the Integration of Regional Infrastructure in South America	672,000	400,000
28	8350	Establishment of a Floods Monitoring System in Latin America	277,000	195,000
29	8134	Border Observatory	125,200	78,600
<b>TOTAL</b>			<b>11,349,462</b>	<b>9,170,100</b>

Notes: ■ Execution ■ Bidding/Concession ■ Completed

(\*) October 2013

# Pre-Investment Studies (FONPLATA)

FONPLATA Pre-Investment Studies (*)				
ID	Operation	Name of the Projects/Study	Total Cost (US\$)	FONPLATA Ammount (US\$)
1	ARG-12/2002	Upgrade Works at Santa Fe Port (Pre-Investment Phase)	1,000,000	900,000
2	OCT/RC/BIN PAR01/08 & ARG 01/08	Optimization of the Clorinda-Asunción Node	670,218	603,196
3	OCT/RC/BIN PAR01/08 & ARG 01/08	Optimization of the Ñeembucú - Bermejo River Node	670,218	603,196
4	BOL-17/94	Abapó - Camiri Road	1,590,684	1,220,499
5	PAR-16/2001	Multi-Purpose Terminal of the Pilar Port (Pre-Investment Phase)	559,023	500,000
<b>TOTAL</b>			<b>4,490,143</b>	<b>3,826,891</b>

Notes: ■ Execution ■ Bidding/Concession ■ Completed

(\*) October 2013

An aerial photograph of a winding asphalt road on a rocky, mountainous terrain. The road curves through a valley, with several vehicles including trucks and cars visible. The surrounding landscape is rugged and sparsely vegetated.

# Second Part Planning Methodologies and Tools

## A. Integration Territorial Programs (PTIs)

| ACTIONS 3.1 and 3.2 |

## B. Geographic Information System (GIS) and Cartography

| ACTIONS 5.2 and 6.1.3 |

## C. Strategic Environmental and Social Evaluation

| ACTION 6.1.1 |

## D. Risk and Disaster Prevention and Management in Infrastructure

| ACTION 6.1.5 |

# A. Integration Territorial Programs (PTIs)

These programs will help leverage the impact of infrastructure on the development of the territories involved, while considering the **economic, social and environmental aspects** and identifying complementary actions.





# Integration Territorial Programs

| main activities |

- I. Drafting of the document entitled “**Integration Territorial Programs – PTIs: Conceptual Guidelines for their Design**” on the basis of case studies presented at the GTE Meeting on PTIs (April 9, Buenos Aires).

# I. Main Aspects of PTI Design



Definition of the **objective and strategy** guiding the PTI actions in a concerted manner by the countries involved.

Contribution of the existing **planning methodologies** to the identification of problems, difficulties and opportunities.



PTI **area of influence** restricted to the objectives identified and the actions proposed.

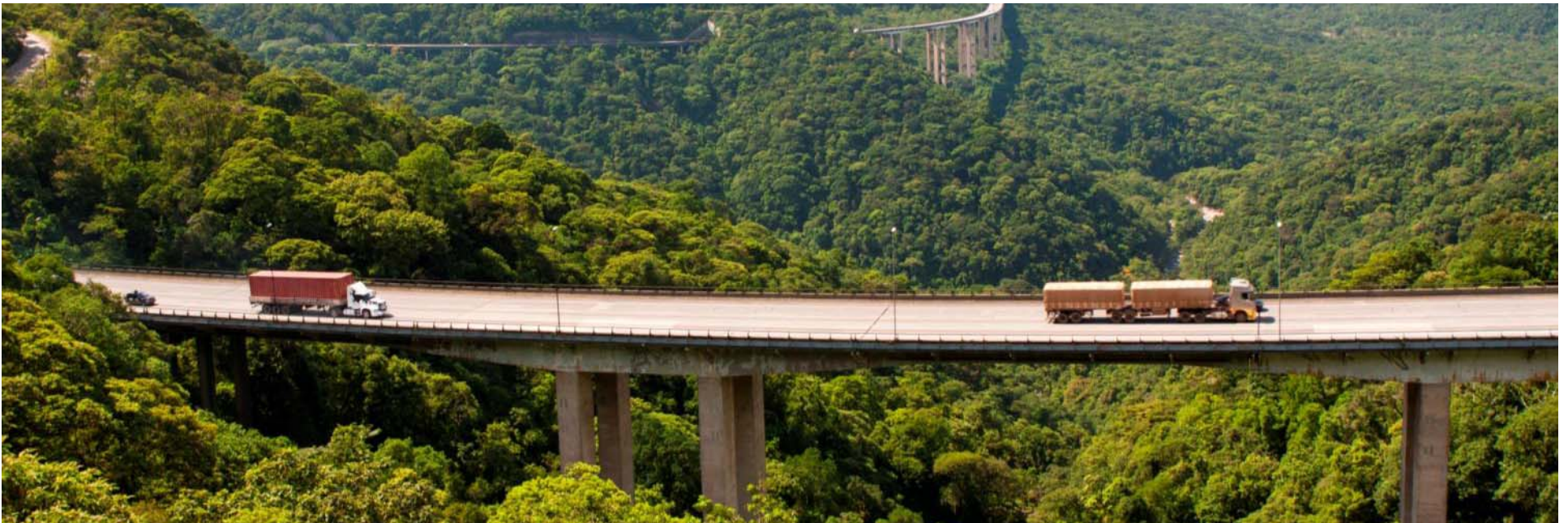
**Participation** of different government levels and building of partnerships with the private sector and other key actors.



**Action program** requiring a management plan, allocation of resources and responsibilities, and established timeframes for its implementation.

## B. Geographic Information System and Cartography

Information system on the main infrastructure for integration purposes and relevant aspects of the territory aimed at **facilitating geospatial analysis and** regional physical integration **planning.**



# COSIPLAN GIS Work Plan

## 1st Stage

- 1 Survey of available geographic information
- 2 Identification of information completion needs
- 3 Identification of valid methodologies and/or data sources for information completion
- 4 Data standardization
- 5 Definition of spatial topological relations

## 2nd Stage

- 6 Editing of geometries
- 7 Editing of attributes
- 8 Data integration at the continental level
- 9 Final editing and processing (union of information layers)
- 10 Data quality control
- 11 Creation of metadata

## 3rd S.

- 12 Dissemination, publication and update



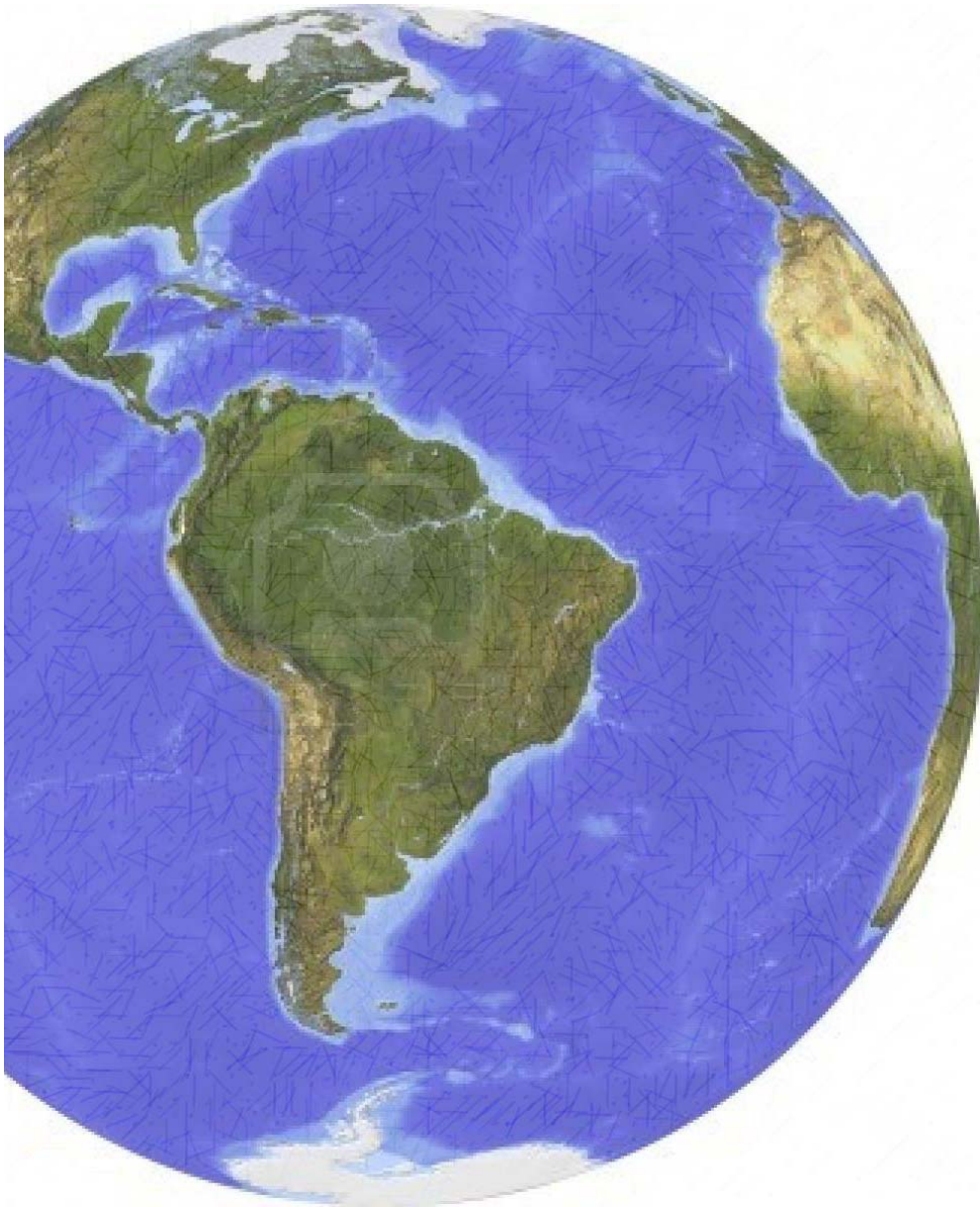
# Geographic Information System and Cartography

| main activities |

- I. Preparation of a **series of technical documents** to complete the first stage in the work plan during two GTE meetings (April 10 and October 16, Buenos Aires) and two videoconferences (August 13 and November 19).
- II. Approval of a US\$230,155 assistance by the **Common Initiatives Fund of UNASUR.**



# I. Technical Documents 2013



- > Survey of Geographical Data
- > Feature Catalogue
- > Topological Rules and Relationships
- > Data Dictionary Form

## II. Approval of an Assistance by the Common Initiatives Fund of UNASUR

> Execution term: **Eight months**

> Amount: **US\$230,155**

> **Components:**

> consultancy services

> support to face-to-face meetings

> SIG data distribution, publication and update costs



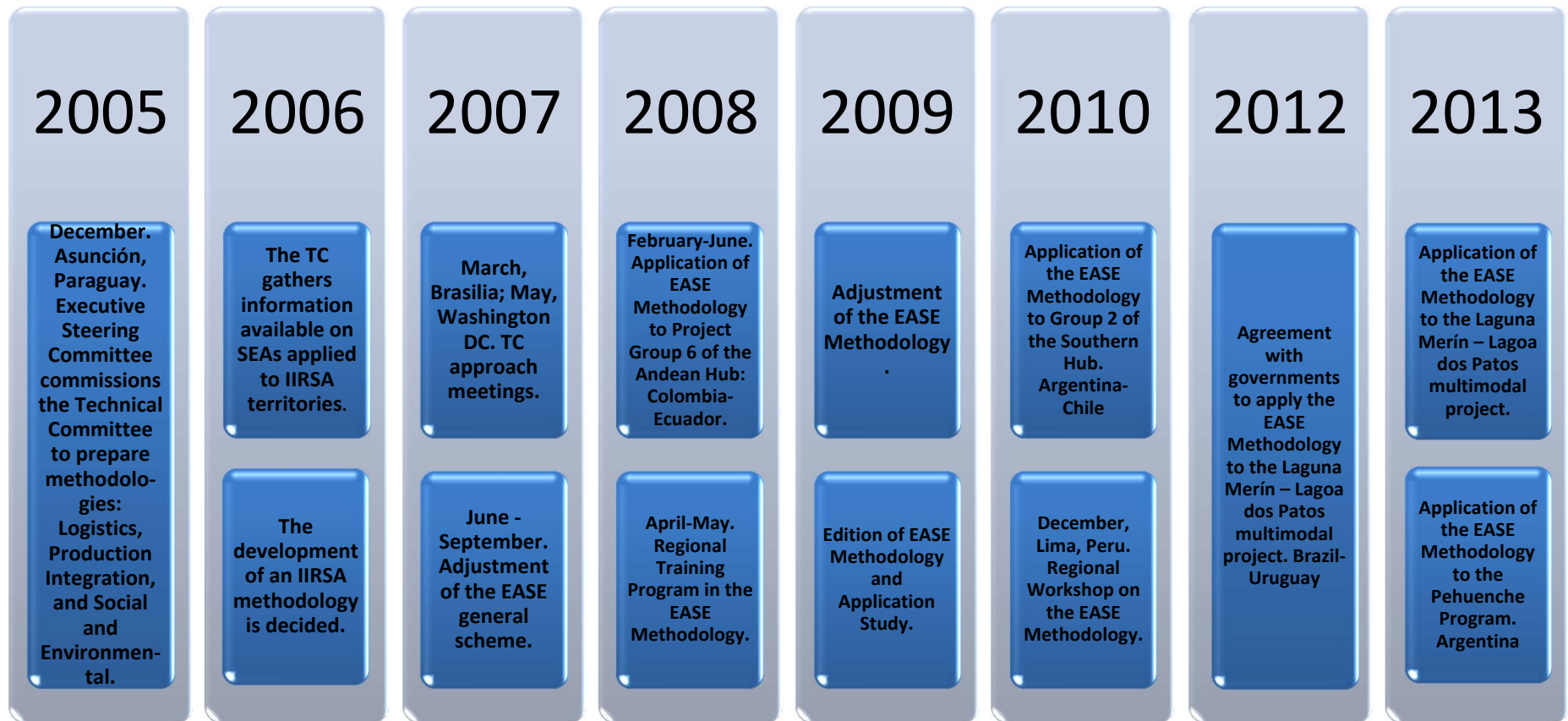
## C. Strategic Environmental and Social Evaluation (EASE) Methodology

This identifies complementary actions to enhance —from a **social, environmental and cultural point of view**— the positive effects of infrastructure projects and minimize their negative impact.



# Timeline

## DEVELOPMENT AND APPLICATION OF THE EASE METHODOLOGY





# EASE Methodology

| main activities |

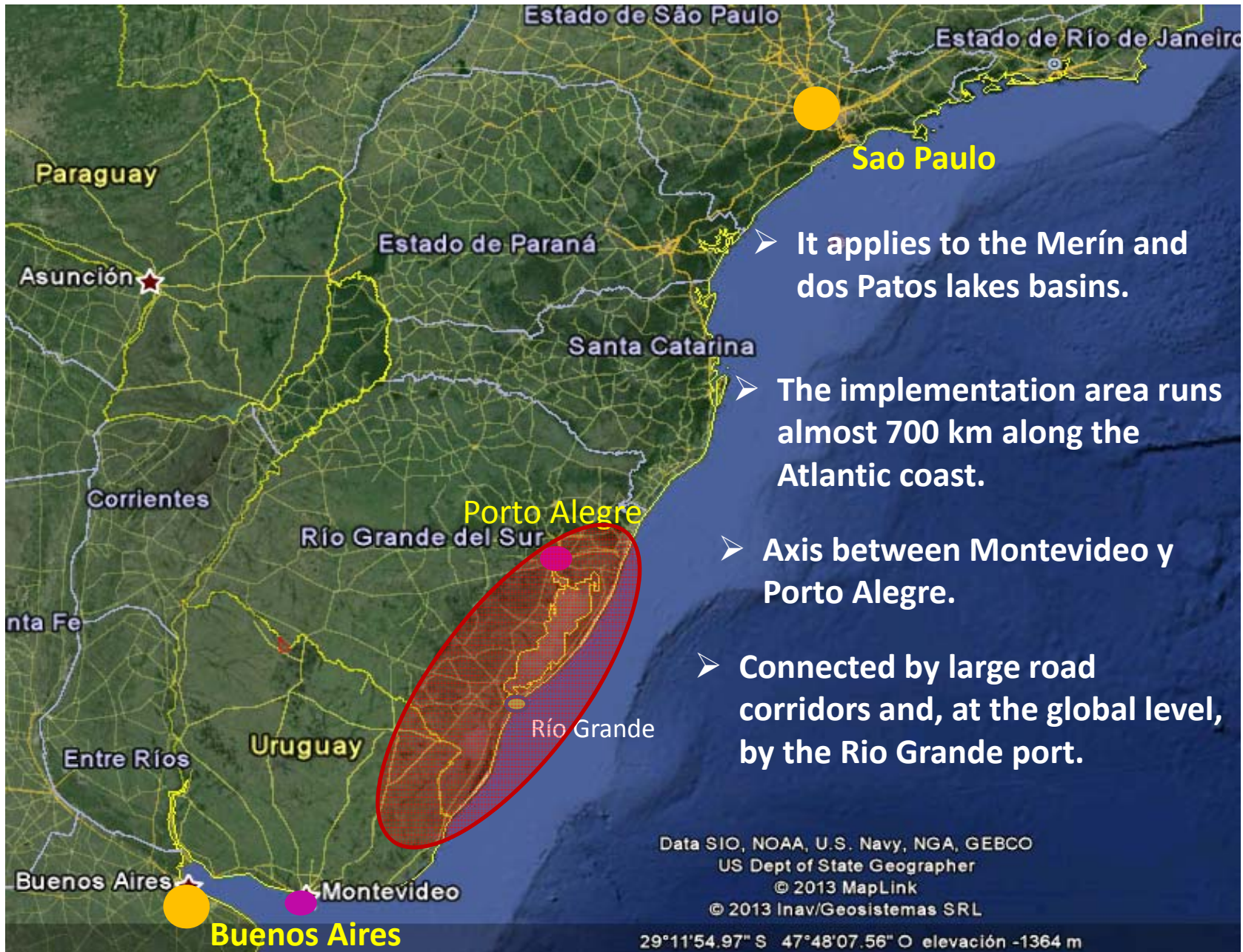
- I. Application of the EASE Methodology to the **Laguna Merín and Lagoa dos Patos Multimodal project (Brazil - Uruguay).**
- II. Application of the EASE Methodology to the **Pehuenche Program (Argentina).**
- III. Analysis of the EASE Methodology and its **complementarity with other planning tools** at the GTE Meeting on EASE (September 24, Santiago).

# I. Application of the EASE Methodology to an API Project

Multimodal Transportation in the Laguna Merín and Lagõa dos Patos System (Brazil - Uruguay)



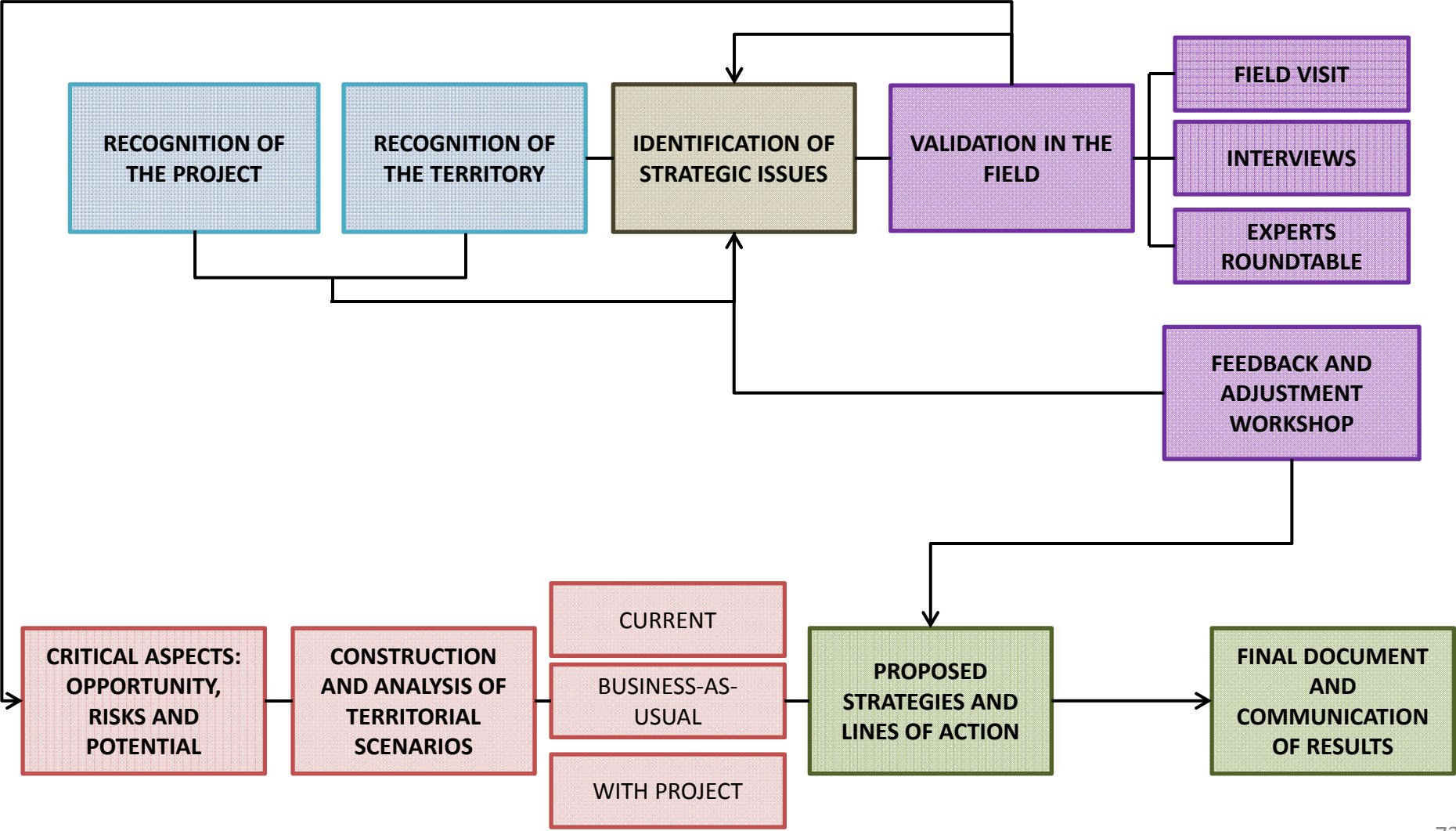
# LOCATION OF THE PROJECT





# WORK DIAGRAM

## STUDY DURATION: 6 MONTHS



## 5 STRATEGIC COMPONENTS 18 LINES OF ACTION



> social and territorial cohesion



> preservation of biodiversity, ecosystems and water resources



> consolidation of cross-border integration processes



> efficient planning and management of navigable waterways

> a boost to local economic development based on the vocation of the territory

# CONCLUSIONS FROM THE APPLICATION POSITIVE VALUES OF THE EASE METHODOLOGY

- > Facilitates a **comprehensive and strategic view** of the territory.
- > Represents an initial platform for regional integration: creates value added as a process of **knowledge building** and facilitation and **exchange of ideas** regarding the project among the key actors of the territory.
- > Promotes the **involvement of local authorities** in a project originated at the national or supranational level. Encourages **dialogue between the territorial actors** and other levels.
- > Can be **applied to national projects** outside the COSIPLAN-IIRSA framework.



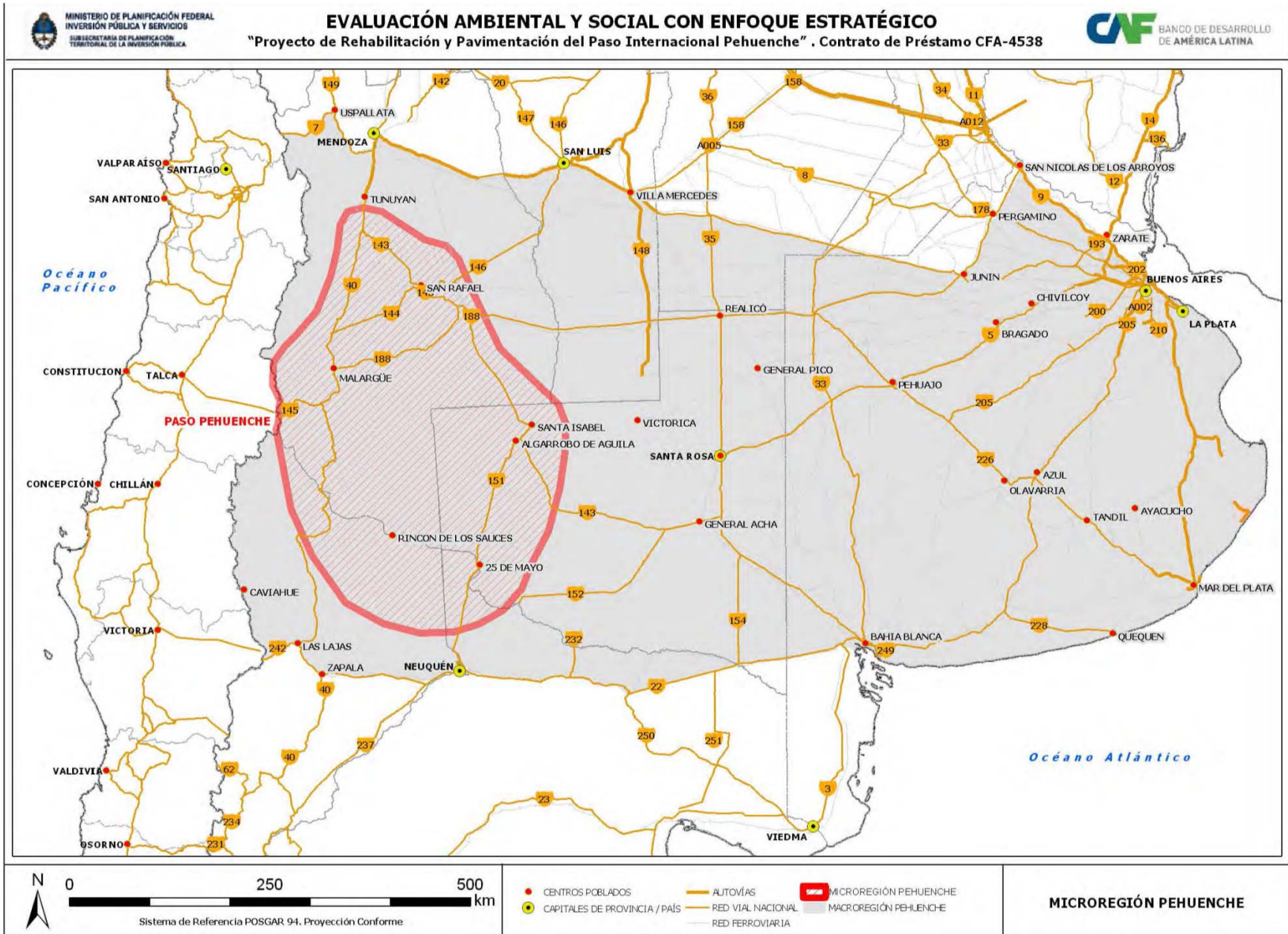
# CONCLUSIONS FROM THE APPLICATION SOME CHALLENGES

- 
- > Go from a sectoral vision to one aimed at sustainable development.
  - > Materialize the recommendations of the EASE study in the territory and in the technical, economic and political decisions concerning integration projects.
  - > Disseminate the results of EASE by means of an enlarged communication and participation process.

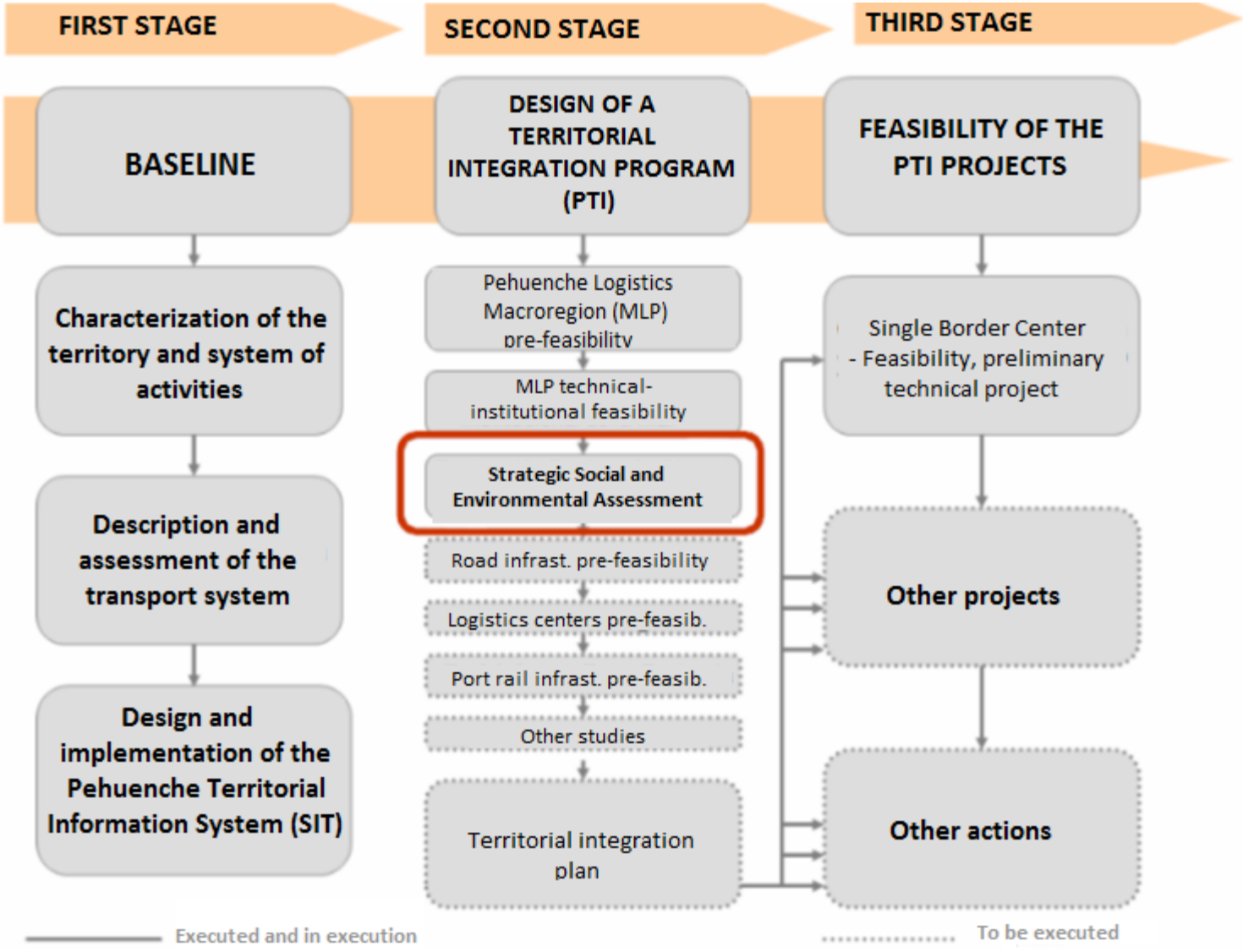
## II. Application of the EASE Methodology to the Pehuenche Program



# STUDY AREA



# PROGRAM METHODOLOGY



# APPLICATION ACTIVITIES

<b>STAGE 1: EASE GENERAL CONTEXT ANALYSIS</b>	
<b>1</b>	<b>Phase 1 Approximation and Planning</b>
a)	Drafting of basic proposal
b)	Participation plan
c)	Kickoff workshop
<b>2</b>	<b>Phase 2 Gathering, Systematization and Analysis</b>
a)	Information analysis and synthesis
b)	Identification and analysis of other plans, programs and projects
c)	Definition of indicators
d)	Preliminary assessment and identification of strategic factors
<b>STAGE 2: CONSULTATION AND STRATEGIC ANALYSIS</b>	
<b>3</b>	<b>Phase 3 Consultation and Building of Scenarios</b>
a)	Consultation and information supplementation
b)	Verification of key issues and identification of scenarios
c)	Characterization of the scenarios
<b>4</b>	<b>Phase 4 Strategic Analysis</b>
a)	Assessment of alternative scenarios
b)	Identification of actions
<b>STAGE 3: PROPOSED STRATEGY AND TERRITORIAL ACTION PLAN</b>	
<b>5</b>	<b>Phase 5 Proposed Strategy and Territorial Action Plan</b>
a)	Identification of strategies
b)	Preparation of a Strategic Action Plan
<b>6</b>	<b>Phase 6 Consultation and Agreement</b>
a)	Consultation and revision of the Strategic Action Plan
b)	Presentation of the results



## PARTICIPATION PLAN

This involved the application by an **Enlarged Work Team** and the organization of **National and Provincial Workshops** in order to develop the application, reach agreement, and disseminate the results.

**Enlarged Work Team** made up of:

- Team of expert consultants
- Representatives of national agencies
- Representatives of agencies of the provinces involved in the Program (Buenos Aires, La Pampa and Mendoza).

Coordinated by the Territorial Planning Under-Secretariat, Planning Ministry





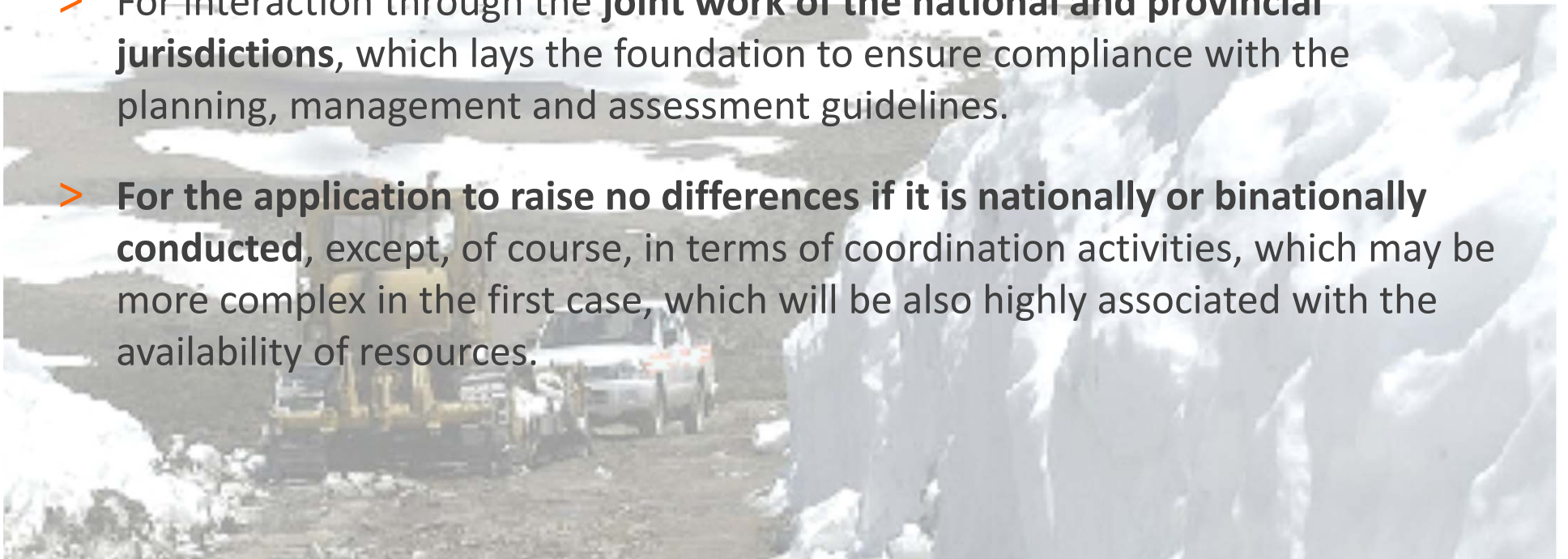
**STRATEGIC ACTION PLAN**

# CONCLUSIONS FROM THE APPLICATION

## LESSONS LEARNED

Continuous attention is necessary:

- > To avoid losing sight of the **conceptual premises** of the application underway.
- > For the **actions proposed to be concrete and directly related** to the consolidation of the projects in the area under study.
- > For interaction through the **joint work of the national and provincial jurisdictions**, which lays the foundation to ensure compliance with the planning, management and assessment guidelines.
- > **For the application to raise no differences if it is nationally or binationally conducted**, except, of course, in terms of coordination activities, which may be more complex in the first case, which will be also highly associated with the availability of resources.



# III. Analysis of the EASE Methodology

## CONCLUSION OF THE GTE MEETING



- > It is a **valuable tool** to incorporate environmental and social issues into the planning of infrastructure projects.
- > The participation plan is a suitable way to promote the **involvement of civil society** in project planning and to disseminate the COSIPLAN actions.
- > It is important to **promote its application** in order to create consistent knowledge about its use and advantages.
- > It is important to coordinate this methodology with other planning tools included in the PAE, such as the **Integration Territorial Programs**.

# Methodology for Risk and Disaster Prevention and Management in Infrastructure

It provides clear procedures on the **prevention and reduction** of the effects arising from disasters affecting South American infrastructure, and allows the establishment of **plans for reactivating connectivity** and public infrastructure.





# Methodology for Risk and Disaster Prevention and Management in Infrastructure

| main activities |

- I. **Proposed Methodology** for Risk and Disaster Prevention and Management in Infrastructure presented at the GTE meeting on this topic (September 25, Santiago de Chile).

### III. Conclusions of the GTE Meeting on the Methodology



- > Disaster risk prevention and management are an **integral part of sustainable development** and must be distinguished from the concept of “disaster management.”
- > It is necessary to get the **technical opinion** of the specialized **national agencies** and to engage **national political and technical teams** in its applications.
- > The methodology should take into account the **application process** used for the other COSIPLAN planning tools
- > The development of a **User’s Handbook** on the methodology will help clarify the steps required to apply it, which will be improved based on the experience of **pilot applications**.

# Third Part

## Sectoral Integration Processes

A. Facilitation and Modernization of Border Crossings

| PAE ACTION 6.2.2 |

B. Trade Integration through Postal Services

| PAE ACTION 6.2.3 |





# A. Facilitation and Modernization of Border Crossings

Actions intended to transform borders into areas for better and greater integration, **facilitating the movement of goods and people** throughout the region, while taking into account economic, legal, logistics, and IT aspects.





# Border Crossings

| main activities |

- I. Support by the CCT to countries and pairs of countries for the **development and maintenance of border crossings and border integration projects** through national programs or for specific border crossings.
- II. Proposed **Performance Standards and Indicators for Border Crossings** presented at the GTE Meeting on Border Crossings (April 11, Buenos Aires).

# I. Support by the CCT

## BORDER CROSSING PROJECTS

- > Optimization of the Cristo Redentor Border Crossing (IDB)
- > Ecuador - Peru Border Crossings over Rivers (IDB)
- > Cúcuta - San Antonio - Ureña. Studies on the Villa Silvania (Colombia) - Tienditas (Venezuela) Bridge Border Crossing (CAF)
- > Facilitation of Colombia - Ecuador Border Crossings (CAF)



# I. Support by the CCT

## BORDER INTEGRATION PROJECTS

- > Argentina - Chile Connectivity (BID)
- > Binational Study on the Navigation Conditions on the Napo River (Peru - Ecuador) (IDB)
- > Binational Study on the Navigation Conditions on the Morona River (Peru - Ecuador) (IDB)
- > Multinational Study on the Navigation Conditions on the Putumayo River (Peru - Colombia - Ecuador - Brazil) (IDB)
- > Diagnostic Study on the Peruvian Border Crossing System (IDB)
- > Peruvian Border Crossings (Desaguadero, Iñapari - Santa Rosa) (IDB)
- > Colombia - Ecuador Border Crossings (IDB)
- > Colombia - Peru Border Development Plan (CAF)
- > Argentina - Bolivia Border Development Plan (CAF)
- > Investment Program to Improve the Territorial Integration of Argentina and Uruguay (CAF)
- > Strategy for the Development and Integration of the Southern Part of the Brazil - Peru Border Integration Zone (ZIF) 2013-2022 and ZIF Operational Plan 2013-2014 (CAF)
- > Clorinda - Metropolitan Area of Asunción Node (FONPLATA)
- > Ñeembucú - Bermejo River Node (FONPLATA)

## II. Proposed Standards and Indicators

### CONCLUSIONS OF THE GTE



- > The Peruvian National Coordinator expressed interest in using such performance standards and indicators at the Santa Rosa-Chacalluta Border Crossing (Peru-Chile) and the Road Axis No. 1 Binational Border Service Center (CEBAF) (Ecuador-Peru).
- > The National Coordinators expressed their willingness to continue working on this issue and to identify contents for future activities.

## B. Trade Integration through Postal Services

This is intended for **micro, small- and medium-sized enterprises** to gain **access to the international market** through the implementation of a simplified export and import system using the **postal logistics platform**.





# Trade Integration through Postal Services

| main activities |

- I. **Improvements in the system** in the countries that have implemented the Exporta Fácil project (Brazil, Colombia, Ecuador, Peru and Uruguay).
- II. **Monitoring visit** to the Exporta Fácil project in **Colombia** (July, 1-4).
- III. GTE Meeting on Trade Integration through Postal Services (September 27, Santiago de Chile) – Presentation of the study to survey the **best practices** in customs postal **import** processes.

# I. Improvements in the Exporta Fácil System (Main Results)



BRAZIL

- > More than **120 thousand exports** through postal services, amounting to **US\$2,052 million**
- > Almost **11 thousand companies** used the service (accounting for a **15% increase in the pool of exporting companies**)
- > **Main products:** textiles (in number) and articles of jewelry and precious metals (in value)
- > Exports to 140 countries



COLOMBIA

- > Exports for a declared value of **US\$1,109,895**
- > **Main products:** manufactures, biological and natural products, metal drums, pneumatic articles, leather bags and handbags
- > **Main 5 destinations:** United States (43%), Spain (6%), Australia (6%), France (5%), Japan (4%)



# I. Improvements in the Exporta Fácil System (Main Results)



ECUADOR

- > **17,338 exports** for a FOB value of **US\$2,099,332**
- > **329 MSMEs and artisans** have used the Exporta Fácil service since its implementation
- > **Main products:** surfboards, bamboo bikes, acoustic panels, herbassal, hats, palm hearts, plantains, dried flowers
- > **Main 5 destinations:** United States (46%), Canada (16%), other (12%), Australia (8%), Spain (7%)



**Exporta Fácil**

PERU

- > **30,442 customs declarations** for a FOB value of **US\$11,298,672**
- > **582 companies** have used the Exporta Fácil service from January to August 2013; 811 companies in 2012; 1,077 in 2011; 840 in 2010; and 724 in 2009.
- > **Main products:** imitation jewelry, silver jewelry, food supplements containing vegetable extracts or blends, toys representing animals/non-human creatures, knitted cotton baby clothes
- > **Main 5 destinations:** United States (38%), Australia (10%); United Kingdom (8%), Canada (4%), France (4%)

# I. Improvements in the Exporta Fácil System (Main Results)



URUGUAY

- > 459 exports for a FOB value of **US\$287,444**
- > 58 exporters have used the Exporta Fácil service since its inception
- > **Main Products:** handicrafts; wool clothes and yarn; books; amethysts
- > **Main 5 destinations:** Europe (30%); ROW (20%); United States (18%); Expanded MERCOSUR (17%); Rest of America (7%)

## II. Monitoring Visit to Colombia

Objective:



- ❖ *Verify the progress made in the Simplified Exports through Postal Services Project - “Exporta Fácil Colombia”*

### Main Results Attained

- > **reposition the project** under the new coordination
- > raise awareness again among all the **institutions involved**
- > promote **inter-institutional dialogue**
- > rescue the **action plans** drafted during the implementation of the project

### III. GTE Meeting on Trade Integration through Postal Services

Study to survey the best practices in customs postal import processes

#### PRESENTATION AND CONCLUSIONS OF THE STUDY

- > Presentation of the main problems faced by the customs postal import processes
- > Presentation of the guidelines to **map import processes through postal services** in each of the countries
- > Presentation of a proposed **flexible, simplified process model** with four implementation modules: **institutional, operational, technological and market**, and their relevant variables

### III. GTE Meeting on Trade Integration through Postal Services

Study to survey the best practices in customs postal import processes

#### MAIN STUDY-RELATED ACTIONS IN THE COUNTRIES

- > Discussion on the strategic action lines recommended in the study presented at the GTE meeting
- > Definition of the priority actions to be developed by the countries:
  - Formalize the post-customs contact committee
  - Map postal and customs import processes
  - Implement a **postal and customs data capture system** for electronic exchange

# III. GTE Meeting on Trade Integration through Postal Services

## MAIN RESULTS

### PROPOSED REGIONAL WORK PLAN FOR 2014

- > Exporta Fácil development conditions diagnosis visits
- > Monitoring visits to the countries that have the Exporta Fácil in place
- > Organization of two GTE meetings in 2014

### NATIONAL WORK PLANS

- > Improvement of the Exporta Fácil system
- > Actions to simplify customs postal import processes
  - Presentation of each country's national plan for 2014 not later than December 13

# Correlation between the Activities by the Universal Postal Union (UPU) and the World Customs Organization (WCO)

**UPU**

**POSTAL  
OPERATIONS  
COUNCIL**

**COUNCIL OF  
ADMINISTRATION**

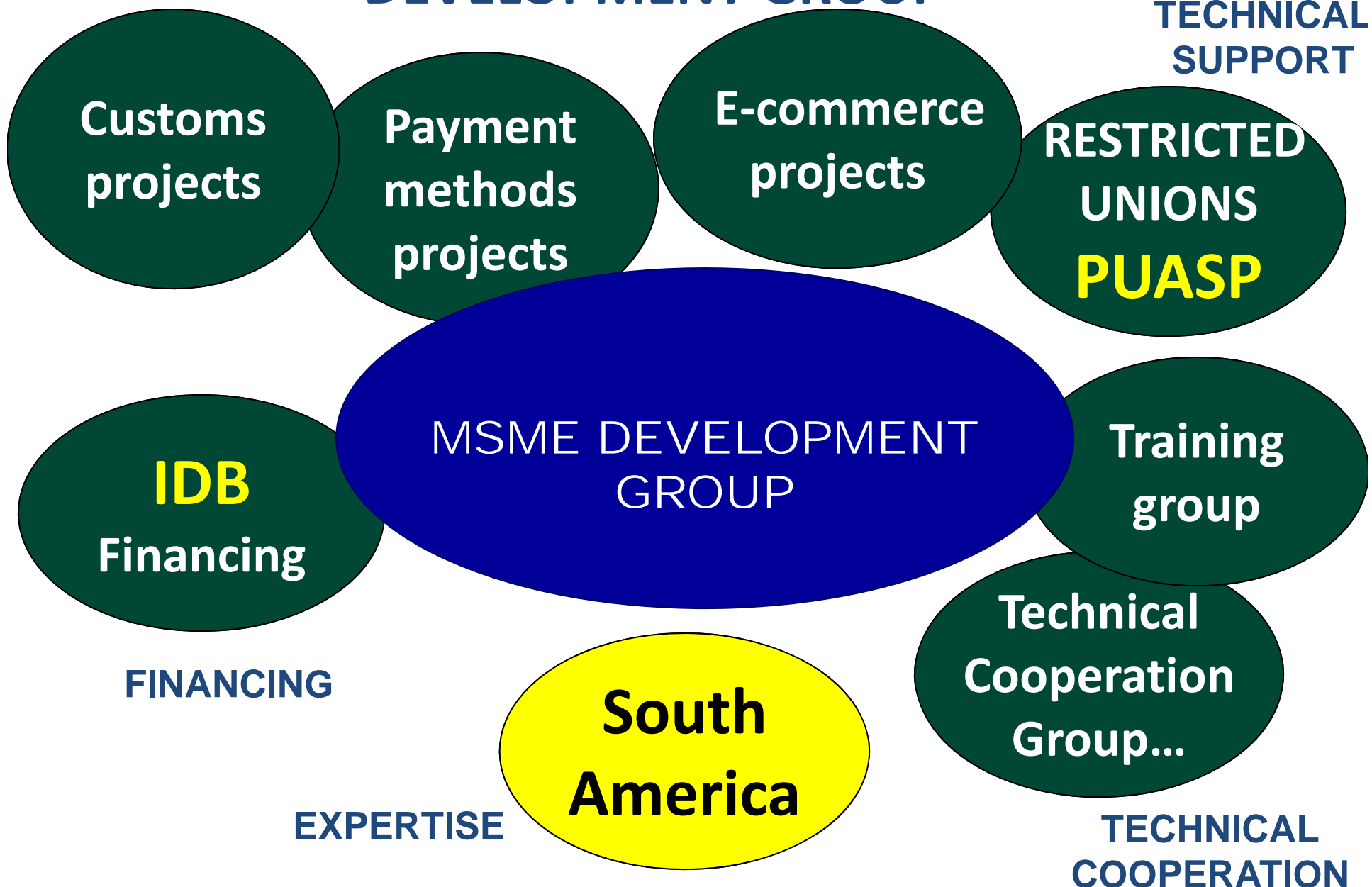
**COMMITTEE 4  
Development  
Cooperation**

**COMMITTEE 2  
Markets  
Development**

**MSME BUSINESS  
DEVELOPMENT GROUP**



# UPU MICRO, SMALL AND MEDIUM ENTERPRISE DEVELOPMENT GROUP





# III. Study to survey the best practices in customs postal import processes

## CONCLUSIONS OF THE STUDY

- > offers guidelines to **map import processes through postal services** in each of the countries
- > includes a proposed **flexible model** for **simplified import processes**
- > provides for four implementation modules: **institutional, operational, technological and market**, and their relevant variables

## MAIN STUDY-RELATED ACTIONS IN EACH COUNTRY

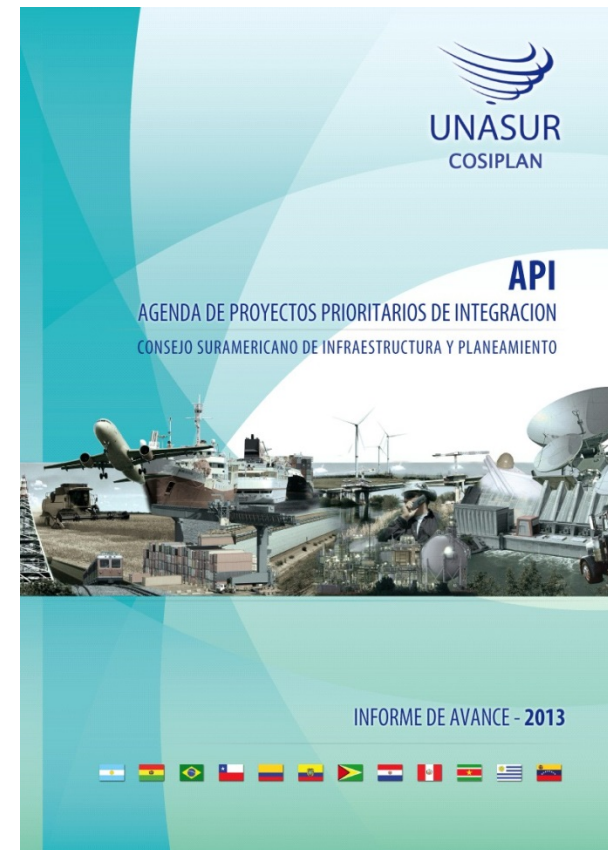
- > formalization of the **Post-Customs** contact committee
- > **mapping** of customs and postal processes
- > implementation of a **data capture system** for electronic exchange

# Publications

- > COSIPLAN Project Portfolio Report 2013

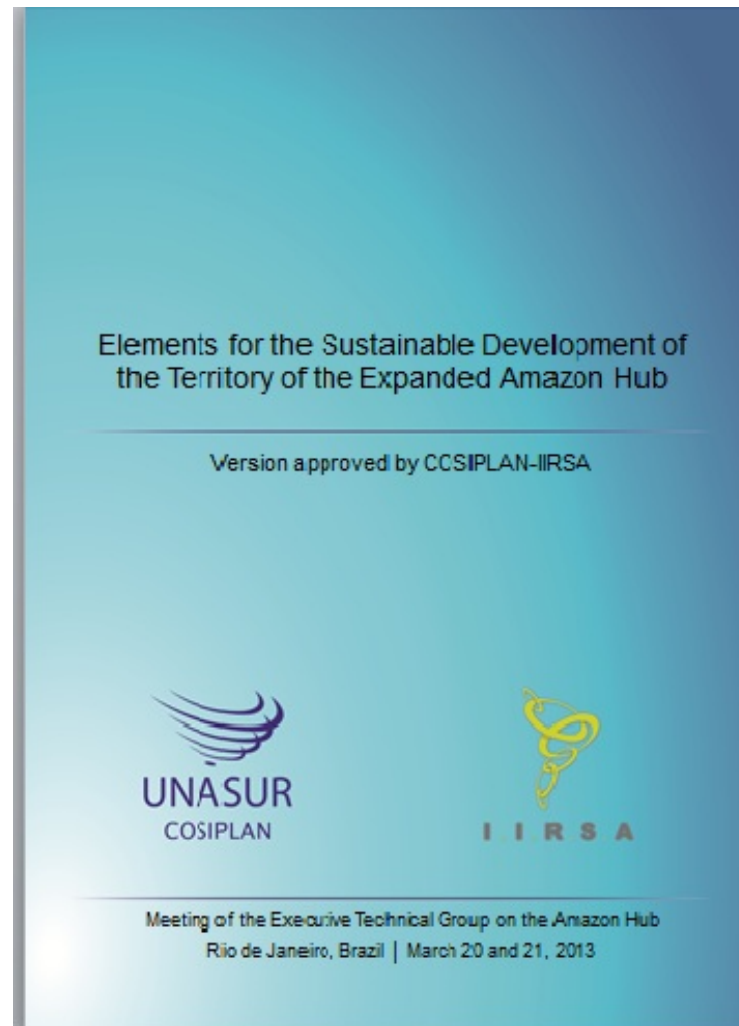


- > API Progress Report 2013



# Technical Documents

## > Amazon Hub Strategic Vision

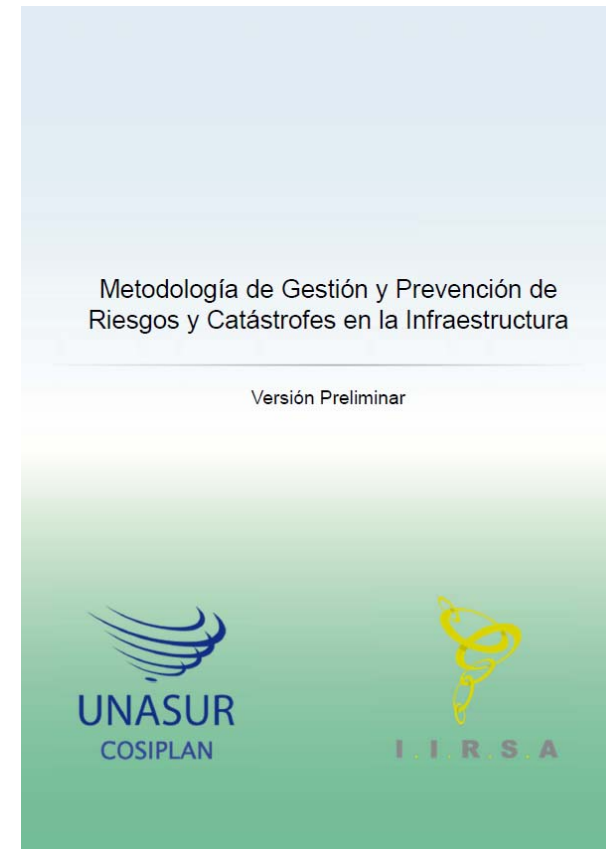


# Technical Documents

- > Conceptual Guidelines for PTI Design

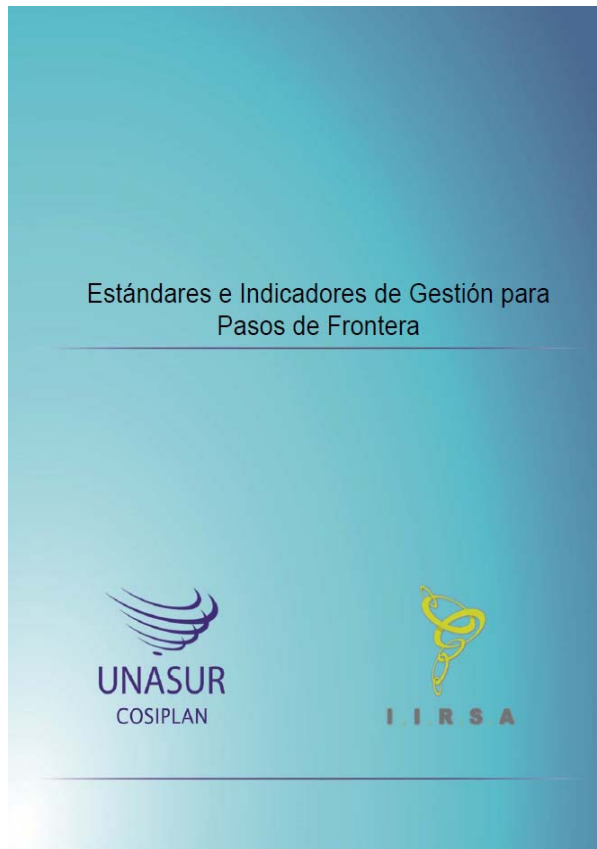


- > Methodology for Risk and Disaster Prevention and Management in Infrastructure



# Technical Documents

- > Performance Standards and Indicators for Border Crossings



- > Survey on the Best Practices in Customs Postal Import Processes



# Timetable of Meetings Held in 2013

Date	Place	Activity
March 20 and 21	Rio de Janeiro	GTE Meeting on the Amazon Hub
April 9	Buenos Aires	GTE Meeting on PTIs
April 10	Buenos Aires	GTE Meeting on GIS and Cartography
April 11	Buenos Aires	GTE Meeting on Border Crossings
May 7 and 9	Montevideo	GTE Meeting on the Nine Hubs to Update the Portfolio
June 25	Lima	XXII Meeting of National Coordinators
August 13	Videoconference	GTE Meeting on GIS and Cartography
August 27-28	Rio de Janeiro	GTE Meeting on API and the CMS

# Timetable of Meetings Held in 2013

Date	Place	Activity
September 24	Santiago de Chile	GTE Meeting on the EASE Methodology
September 25	Santiago de Chile	GTE Meeting on Risk and Disaster Prevention and Management
September 27	Santiago de Chile	GTE Meeting on Trade Integration through Postal Services
October 16	Buenos Aires	GTE Meeting on GIS and Cartography
November 19	Videoconference	GTE Meeting on GIS and Cartography
December 27	Santiago de Chile	XXIII Meeting of National Coordinators