



**I . I . R . S . A**

INICIATIVA PARA LA INTEGRACION DE LA INFRAESTRUCTURA  
REGIONAL EN AMERICA DEL SUR

# **INITIATIVE FOR REGIONAL INFRASTRUCTURE INTEGRATION IN SOUTH AMERICA**

September, 2005

**IIRSA was established during the Summit of South American Presidents in Brasilia, Brazil, in 2000**

**The South American government pledged to modernize and integrate regional infrastructure**

**Since its inception, IIRSA has been supported by the following regional multilateral agencies:**



CAF



BID



FONPLATA

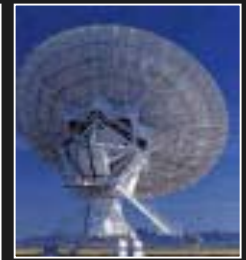


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E INTEGRACION REGIONAL

## Introduction

**IIRSA seeks to create an infrastructure platform  
(transportation, energy, and telecommunications) to promote  
logistical and trade integration in South  
America and to contribute to the  
sustainable development of the region**





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# South America

A continent with great opportunities

**GDP U\$ 1,153 billion**  
(at current exchange rates)

**350 million inhabitants**

- **Important source for primary products and energy**
- **Great potential for consumer market growth and new market developments**
- **Regional integration processes (MERCOSUR y CAN)**
- **Young entrepreneurial population**
- **Dynamic, creative cultures blended with ancestral cultures**
- **Bio- and geographic diversity**





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INSTITUTO INTERAMERICANO DE REDES  
DE VIALIDAD

## IIRSA Countries

### COUNTRIES

- Argentina
- Bolivia
- Brazil
- Chile
- Colombia
- Ecuador
- Guyana
- Paraguay
- Peru
- Suriname
- Uruguay
- Venezuela





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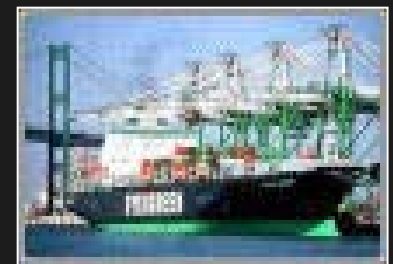
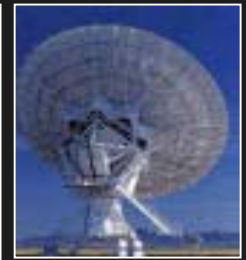
INSTITUTO ITALIANO DI RICERCA STRUTTURALE  
PER IL CIVILE E AMBIENTALE

## Basic concepts

The action plan for integrating the regional infrastructure takes two different, complementary approaches:

➔ Integration and development hubs

➔ Sector integration processes





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INSTITUTIONAL INTER-AMERICAN OF RIVER BASINS COOPERATION

# Integration and Development Hubs

Geo-economic benchmark for land planning and sustainable development management





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IN LATIN AMERICA

## Sector integration processes





## Consolidation as a discussion forum

**IIRSA has consolidated as a discussion forum to build a common agenda of actions and integration projects**

- ✓ **South American countries have reached a consensus on more than 300 integration projects organized in 40 groups under a regional vision**
- ✓ **The use of a territorial planning tool has allowed the countries to jointly evaluate economic, social and environmental impacts of the IIRSA portfolio of project groups**

### Portfolio of physical integration projects under a regional vision

- 335 projects in 8 Integration and Development Hubs
- 40 Anchor-Projects
- US\$ 37,4 billion → (Transp./Energy/Telecom.)
- US\$ 11.1 billion → (public sector)
- US\$ 6.0 billion → (private sector)
- US\$ 20.3 billion → (PPP)



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REGIONAL Y URBANIZACION

## Territorial planning - Capricorn Hub





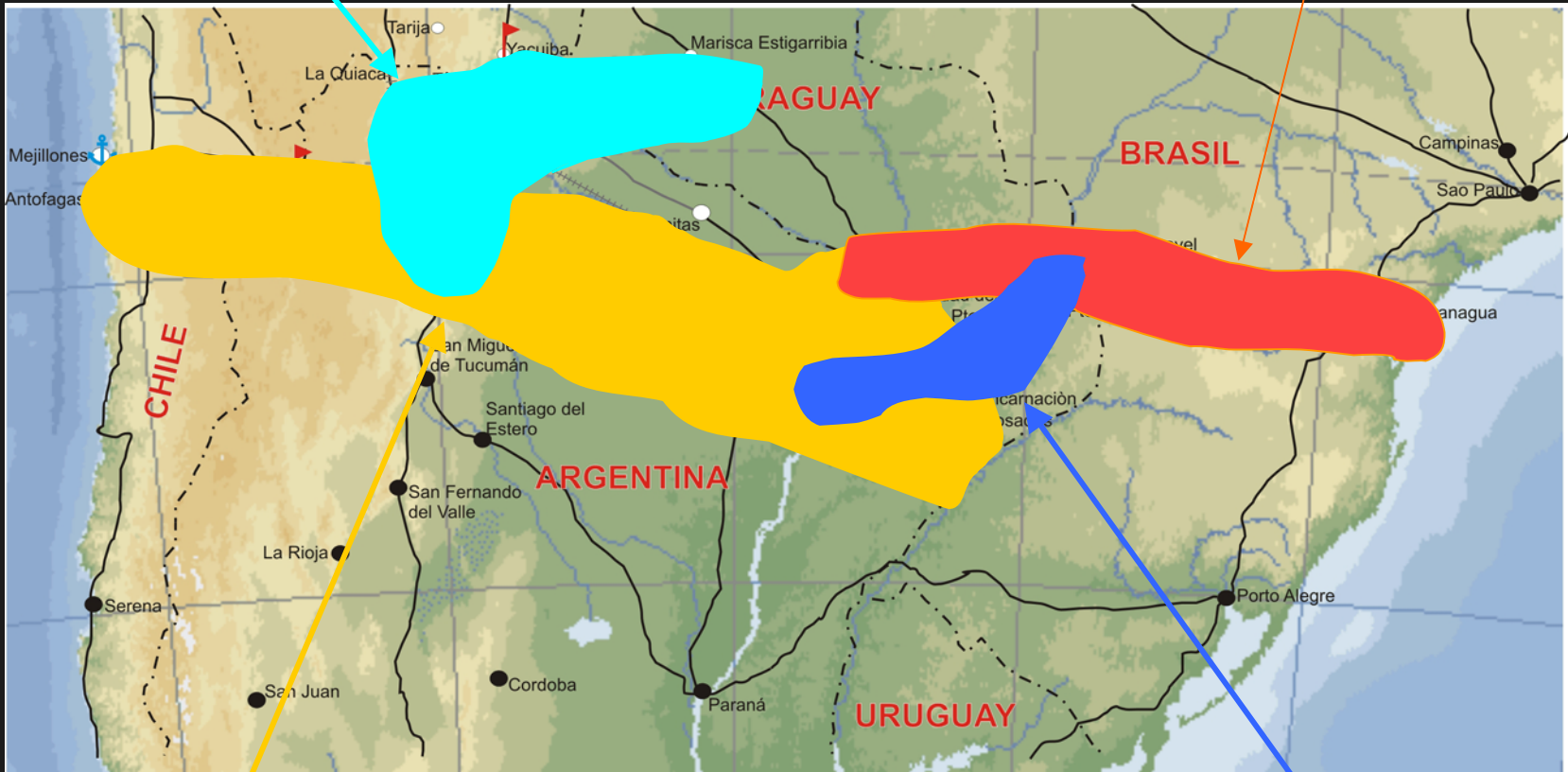
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## Puerto Pte. Franco-Porto Meira Bi-national Bridge Project

### Capricorn Hub

Group 2: Interconnection  
Argentina – Bolivia - Paraguay

Group 3: Connection  
Paraguay - Brasil



Group 1: Interconnection  
Chile – Argentina - Paraguay

Group 4: Connection  
Paraguay - Argentina



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TECNICA Y EDUCACION

## Puerto Pte. Franco-Porto Meira Bi-national Bridge Project

Relocalization of Port de la Asunción

Concession / Improvement Routes 2 y 7 (Asunción – Ciudad del Este)

Construction of railroad Cascavel – Foz Iguazú and Cascavel - Guaira

Building of Railroad ring in Curitiba

Enlarge Port of Paranaguá



Modernization of International Airport in Asunción

**Anchor Project:**  
**“Puerto Presidente Franco – Porto Meira Bi-national Bridge Project (PR – BR)”**

Completion of road ring in Curitiba

## Puerto Pte. Franco-Porto Meira Bi-national Bridge Project

★ PARAGUAY - BRAZIL ★



### Basic project information\*

- ✓ Bridge length: about 800 meters.
- ✓ Access roads: about 10 Km in each side.
- ✓ Total Project Cost: about US\$ 55 million (including access roads, border center and other facilities).



(\*) Data based on available preliminar information.



# Territorial planning - MERCOSUR-Chile Hub





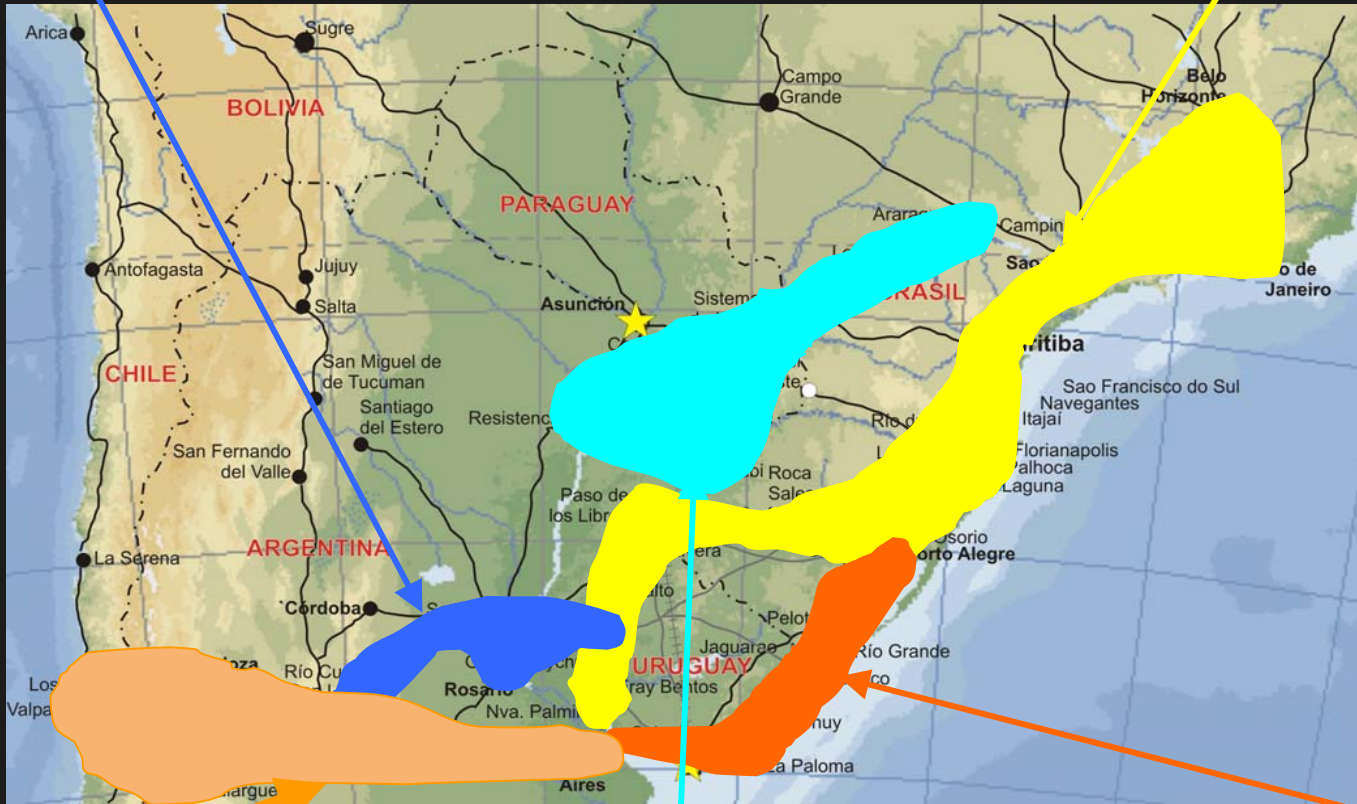
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## Central Trans-andean Railway Project

### MERCOSUR-Chile Hub

Group 4: Mercedes - Santa Fé  
Salto - Paysandú

Group 1:  
Belo Horizonte - Buenos Aires



Group 3:  
Buenos Aires - Valparaíso

Group 5: Energy Group

Group 2:  
Porto Alegre - Colonia





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# Typical IIRSA projects (2)

## Central Trans-andean Railway Project

Improvement in ports of Valparaíso y San Antonio

Airport Project Los Sauces (Los Andes)

Repavimentación de la RN 7 (Potrerillo – Cristo Redentor)

Cobertizo zona Caracoles

Concession Valparaíso – Los Andes

Load center in Cristo Redentor

**Anchor Project: “Central Transandean Railway Project (AR-CH)”**

Construcción de Cobertizo en el Paso Cristo Redentor



Cobertizo Zona de Caracoles

Pavimentación Tramo Puente Armerillo – Paso Pehuenche

Pavimentación RN 145: Tramo Bardas Blancas acceso al Paso Pehuenche

RN 7: Construcción Variante Laguna La Picasa

Proyecto San Fernando – San Antonio (rutas de las frutas)

Construcción centro apto para Control Integrado en Pehuenche

Pavimentación RN 40 Sur: desde Malargue hasta Limite con Neuquén

RN 7: Duplicación del tramo Luján - Junín

## Central Trans-andean Railway Project

★ CHILE - ARGENTINA ✨



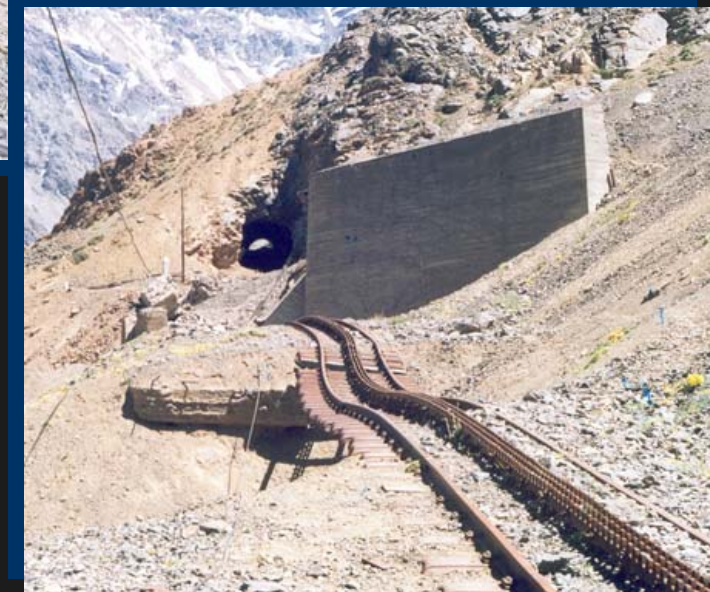
### Project basic information\*

- ✓ Built in 1912; operation suspended in 1984.
- ✓ 250 Km railroad rehabilitation (180 Km railroad on Argentina side, and 70 Km on Chile side).
- ✓ Total Project Cost: about US\$ 251 million.
- ✓ Bidding process under preparation.

(\*) Data based on available preliminar information.



Railroad portion  
Portillo Juncal - Chile



Tunnel portion  
Juncal - Chile



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INVESTMENT CORPORATION OF THE AMERICAS

## **Cuzco Presidential Summit**

**During the South American Presidents' Summit in December 2004, in Cuzco, the countries agreed to a so-called "Implementation Agenda by Consensus 2005-2010", comprised of a set of 31 strategic projects and focus the countries' resources in their prompt execution**



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# Implementation Agenda by Consensus 2005-2010





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DE AMÉRICA DEL SUR

# Implementation Agenda by Consensus 2005-2010

IIRSA - AGENDA DE IMPLEMENTACIÓN CONSENSUADA 2005 - 2010				
Proyectos Estratégicos de los Ejes de Integración y Desarrollo y del Proceso Sectorial de Información y Comunicación				
Nº	Proyectos	EJE	US\$ millones	Países
1	Duplicación de la Ruta 14	MERC-Chile	370.0	AR (BR)
2	Adecuación Corredor Río Branco-Montevideo-Colonia	MERC-Chile	163.0	UR (BR)
3	Construcción Puente Internacional Jaguarão-Río Branco	MERC-Chile	12.0	BR - UR
4	Duplicación del tramo Palhoça-Osório (Rodovia Mercosur)	MERC-Chile	800.0	BR (AR-UR)
5	Proyecto Ferroviario Los Andes-Mendoza	MERC-Chile	251.0	AR-CH
6	Ruta 60 Internacional 60 CH (Sector Valparaíso-Los Andes)	MERC-Chile	286.0	CH (AR)
7	Gasoducto del Noreste Argentino	MERC-Chile	1,000.0	AR (BO)
8	Construcción Puente Binacional Salvador Mazza-Yacuiba	Capricornio	10.0	AR-BO
9	Nuevo Puente Presidente Franco-Porto Meira y Centro de Frontera	Capricornio	55.0	PR-BR
10	Construcción Carretera Pailón-San José-Puerto Suárez	Interoceánico	435.0	BO-BR
11	Anillo Ferroviario de São Paulo (Norte y Sur)	Interoceánico	300.0	BR
12	Paso de Frontera Infante Rivarola-Cañada Oruro	Interoceánico	1.2	BO - PR
13	Construcción de la Carretera Cañada Oruro - Villamontes - Tarija - Estación Abaroa (I Etapa)	Interoceánico	60.0	BO (PR)
14	Carretera Toledo-Pisiga	Interoceánico	76.0	BO-CH
15	Rehabilitación de la Carretera Iquique-Colchane	Interoceánico	19.0	BO-CH
16	Rehabilitación del Tramo El Sillar	Interoceánico	30.0	BO (BR-CH-PE)
Subtotal			3,868.2	



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INTERAMERICANA

# Implementation Agenda by Consensus 2005-2010

IIRSA - AGENDA DE IMPLEMENTACIÓN CONSENSUADA 2005 - 2010				
Proyectos Estratégicos de los Ejes de Integración y Desarrollo y del Proceso Sectorial de Información y Comunicación				
Nº	Proyectos	EJE	US\$ millones	Países
17	Centro de Frontera de Desaguadero	Andino	7.5	BO-PE
18	Paso de Frontera Cúcuta - San Antonio del Tachira	Andino	2.0	CO - VE
19	Recuperación de la navegabilidad por el Río Meta	Andino	108.0	CO-VE
20	Carretera Pasto-Mocoa	Amazonas	183.0	CO
21	Carretera Paita-Tarapoto-Yurimaguas, Puertos y Centros Logísticos	Amazonas	285.0	PE (BR)
22	Carretera Lima-Tingo María-Pucallpa, Puertos y Centros Logísticos	Amazonas	514.0	PE (BR)
23	Puerto Francisco de Orellana	Amazonas	40.0	EC
24	Pavimentación Iñapari - Puerto Maldonado - Inambari, Inambari - Juliaca / Inambari - Cusco	PE-BR-BO	694.0	PE-BR
25	Puente sobre el Río Acre	PE-BR-BO	10.0	BR-PE
26	Carretera Boa Vista-Bonfim-Lethem-Georgetown (I Etapa: estudios)	Escudo Guayanés	3.3	GY-BR
27	Puente sobre el Río takutu	Escudo Guayanés	10.0	GY- BR
28	Carretera Venezuela (Ciudad Guyana)- Guyana (Georgetown) - Surinam (Paramaribo) - I Etapa	Escudo Guayanés	0.8	VE - GY - SU
29	Mejorías en la vía Niew Nickerie-Paramaribo-Albina y Cruce Internacional sobre el Río Marowijna	Escudo Guayanés	105.0	SU-GY
30	Exportación por Envios Postales para PYMES	TICs	1.0	Todos
31	Implementacion de Acuerdo de Roaming en América del Sur	TICs	1.0	Todos
Subtotal			1,964.6	
<b>TOTAL</b>			<b>5,832.8</b>	



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INSTITUTO INTERAMERICANO DE COOPERAZIONE PER L'AGRICOLTURA

## South American Presidents' Summits

**Cuzco, Dec.2004**



**Implementation (2005-2010)**

Guayaquil, 2002



Planification (2003/2004)

Brasília, 2000



Foundation (2001/2002)




## Challenges



## Visible Results

### 1. To emphasize the execution of integration projects

- “Implementation Agenda by Consensus 2005-2010”
- Project Preparation  IDB Integration Fund
- Follow-up System for “Implementation Agenda by Consensus 2005-2010”

### 2. Support Private-Public Partnership MIF Program

### 3. Participation, communication and public

outreach mechanisms  Civil Society Involvement

### 4. Sector Networks

### 5. Financing Mechanisms





### **Multinational leverage**

### **Integrated and holistic vision of transnational projects**

### **Technical analysis standards**

- ✓ Environmental and social issues
- ✓ Early participation of civil society
- ✓ Project cross-fertilization effect

### **Resource mobilization capacity among non-regional members**

- ✓ Special funds for projects preparation
- ✓ Cofinancing IIRSA's projects



### **Technical assistance and technical-cooperation**

- ✓ **Studies, assessments and support for organizing the Initiative**
- ✓ **Organization of IIRSA activities**
- ✓ **Technical-cooperation funds to support the studies needed for implementing the projects identified in the hubs and sector processes**

### **Support countries to attract the private sector**

- ✓ **Provide resources to help the countries in enticing the private sector to the projects identified in the hubs and sector integration processes**

### **Financing and guarantee**

- ✓ **Sector facility for transnational infrastructure project preparation**
- ✓ **Public and private financing and cofinancing for projects**
- ✓ **Political risk guarantee**



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# Business Opportunities - Project cycle





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INGEGNERIA E ARCHITETTURA

# **Business Opportunities**

## **Consulting/Advisory Services**

- Feasibility Studies**
- Environmental and Social Studies**
- Engineering Studies**
- Designs**
- Technical Assistance**

## **Goods and Civil Works**

- Construction**
- Operation**
- Equipment and materials**

## **Supervision**

- Civil works**
- Environmental and social plans**

## **Financing**

- Public and Private Partnership**
- Co-financing**



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IN SOUTH AMERICA

## Conclusions

**IIRSA is not a new source of financing; it is an institutional mechanism that aims to coordinate the South American Countries in their processes of physical integration**

**The Bank is prepared to finance the feasibility, environmental and engineering studies needed for implementing the projects**

**For IIRSA projects, the Bank utilizes its technical analysis standards**



Please visit our webpage

[www.iirsa.org](http://www.iirsa.org)

