



***GTI Planning Meeting***  
**IDB's activities on Transport  
Data in Latin America and the  
Caribbean**



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## Drivers 2009-2011

- **Recognition of member countries needs to improve their knowledge on freight logistics: Freight logistics observatories**
- **Cooperation with ADB through MOU**
- **Establishment and strong participation in SLoCaT partnership**

## Directly related activities

- **Conducted a study on availability, coverage and quality of transport data in 8 LA countries: Argentina, Brazil, Paraguay, Peru, Colombia, Panama, Costa Rica, Mexico. In cooperation with ADB**
- **Development of basic studies for the establishment of a Regional Observatory on Freight Transport and Logistics**
- **Securing financial resources for establishing Regional Observatories (RO)**
- **RO start-up plans; technical group**

## Transport Data Study: recommendations

- **Balancing transport-related data needs**
  - Policy and planning; enforcement and regulation; impact estimation; commercial demands from private stakeholders; compliance with international agreements; GHG emissions estimates
- **Guidelines for a national agenda**
  - Data already collected by public agencies. A roadmap of what is collected and who is collecting is needed
  - Urge the use of TICs and digital registration
  - Involve the private sector
  - Encourage raw data dissemination
  - Select the most valuable data to be collected

## **Transport Data Study: institutions and their responsibilities**

- **Include transport related questions in national censuses**
- **Generate new transport-related statistics and products**
- **Apply quality assurance and control protocols**
- **Spur the creation of national observatories**
- **Promote transport-data demand by third parties**

# Freight transport needs of data, information and analysis

- **Freight transport is relevant due to ...**
  - ... its **positive impacts**: it facilitates trade and is a key factor in the economic competitiveness
  - ... its **negative impacts** (local and global) and **resources consumption** (energy, space)
- **Growing need for information on this sector, for public policy purposes and for strategic and operational decisions made by private actors**
  - Road transportation - with multiple operators, partially informal – carries about two thirds of domestic freight flows in the Region
- **The observatory - aimed at generating data, information and knowledge - seems to be an appropriate response**

# Observatories functions and options

## OBSERVATORIES COMMON FUNCTIONS:

- ▶ **Data gathering and dissemination**
- ▶ **Inter-institutional cooperation and private-public connection**
- ▶ **Attraction and development of expert knowledge**
- ▶ **Key performance indicators definition, harmonization and estimation; benchmarking**
- ▶ **Basic studies, contribution to the sector knowledge**
- ▶ **Support markets performance**

## *OBSERVATORY OPTIONS*

- **Spatial scope: national versus regional (or pluri-national)**
- **Modal scope: unimodal versus multimodal**
- **Audience at which it is directed: statistics and analysis, versus real time data (portals)**
- **Accessibility: open access versus restricted access**

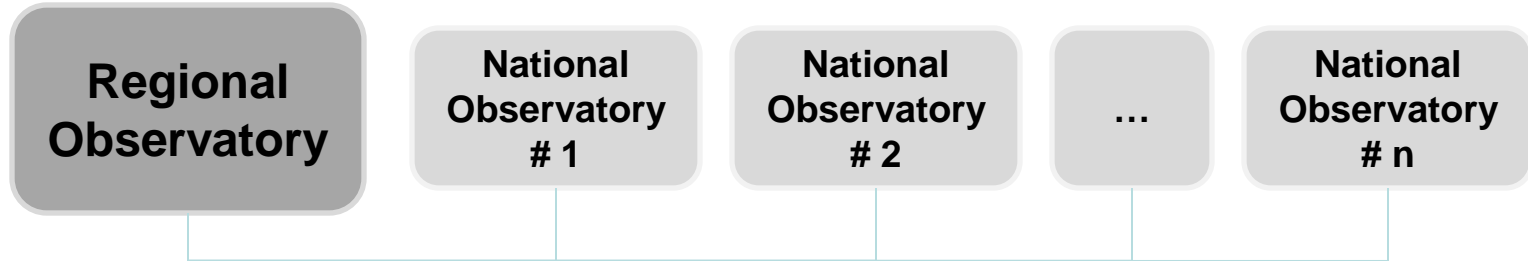


# Lessons from two recent IDB meetings

- **A meeting was carried on with diverse successful transport observatories (Canada, CAF, France, USA, Spain). Some lessons:**
  - A legal mandate requesting reports on the sector performance may be a useful tool to stimulate observatories: it enforces data gathering and the organization of information systems, and oblige private actors to submit information
  - NAFTA and Eurostat are example of transport statistics harmonization processes; they generated common glossaries
  - The participation of the private sector is very relevant; confidentiality is the key to involve private actors
  - There is a great potential to promote analytical work financing universities´ specialized research centers
  - Freight observatories may be very useful to estimate the sub-sector energy efficiency and carbon footprint
- **Another meeting was carried on with several countries from the LAC Region:**
  - Recognition of a substantial need of data, information and knowledge on freight transport and logistics
  - Excellent receptivity of the potential development of freight observatories in the Region

## The proposed observatories network

- The IDB proposal is the setting of a network of freight-logistics observatories, with a Regional Observatory linked to several National Observatories



- Multi-country in some cases, like the Central America Sub-Regional Observatory
- The Regional Observatory and National Observatories functions will be complementary

# Observatories functions

Functions	Regional Observatory	National Observatories
<b>Data collection</b>	<ul style="list-style-type: none"><li>○ Define protocols for harmonized data gathering</li><li>○ Generate glossaries</li><li>○ Consolidate regional databases accessible through a common website</li></ul>	<ul style="list-style-type: none"><li>○ Gather data at the country level</li><li>○ Ensure consistency with the national statistics system</li></ul>
<b>Indicators</b>	<ul style="list-style-type: none"><li>○ Define methodology for the estimate of national logistics costs</li><li>○ Support methodology for the GHG estimate</li></ul>	<ul style="list-style-type: none"><li>○ Estimate national logistics costs</li><li>○ Estimate GHG emissions from freight (urban and intercity)</li><li>○ Estimate productivity and efficiency indicators</li></ul>
<b>Analytic work</b>	<ul style="list-style-type: none"><li>○ Develop-promote studies at the regional level (transit circulation, models for trucking industry modernization, SMES and logistics, NAMAs guidelines, etc.)</li></ul>	<ul style="list-style-type: none"><li>○ Develop-promote studies at the national level</li><li>○ Perform logistics chains analysis</li><li>○ Contribute to NAMAs</li></ul>
<b>Knowledge network</b>	<ul style="list-style-type: none"><li>○ Promote Nat. Obs. through specific agreements</li><li>○ Promote horizontal coordination among Nat. Obs., and with the private sector</li><li>○ Training, regional events</li></ul>	<ul style="list-style-type: none"><li>○ Focus on local freight-related institutions</li><li>○ Local events</li><li>○ Coordination with the private sector</li></ul>

## Implementation strategy

- **The Regional Observatory is being created and managed by the IDB**
  - Involves several Bank areas: transport and infrastructure, integration, trade facilitation, private sector development
  - The Transport Division, the Integration Department and INTAL formed a technical group currently working in the RO's start up
    - But they are not full-time assigned to this task
- **Getting financed**
  - IDB's has approved two technical cooperations, one for the Regional Observatory (US\$1.5 million) and one for the Central-America Sub-Regional Observatory (US\$0.9 million)
  - This will cover 1.5-2 years of activities

## Implementation strategy

- **The National Observatories will be implemented gradually**
  - They will be promoted through agreements between the Reg. Obs. and the country; the creation might be supported by Bank technical assistance and lending operations
  - The implementation in each country deserves a detailed analysis on its institutional location, organization type, etc.
- **Several countries in the Region have already shown interest and are preparing the National Observatories implementation**
- **IDB is working with several countries to improve their knowledge of the logistic sector**

## Other activities and technical studies

- **Database of regional Stakeholders in Freight Logistics**
  - External surveys (5 countries completed; 5 on going)
- **Logistics Yearbook**
  - End of 2011-early 2012. It will collect main related basic data for LAC countries
- **Methodologies**
  - Country Logistics Performance
  - From National Accounts to Logistics Costs
  - Supply Chain Analysis on a country or regional level

## Other activities and technical studies (2)

- **Financed by additional Technical Cooperation Funds**
- **City logistics**
  - Freight logistics and the urban perspective: Curitiba pilot study
  - Develop public policies in infrastructure investment, regulation, sector knowledge
  - Improve data on the sector, including air quality and GHG emissions
- **Freight Logistics and Trade in central America**
  - Identification of major trade flows
  - Costs associated with freight transportation
  - Improved information and data
  - Develop performance indicators



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