

Mexican Institute of Transport

NATIONAL PERFORMANCE INDICATOR OBSERVATORY ON FREIGHT TRANSPORT AND LOGISTICS

March 9, 2015

José San Martín Romero

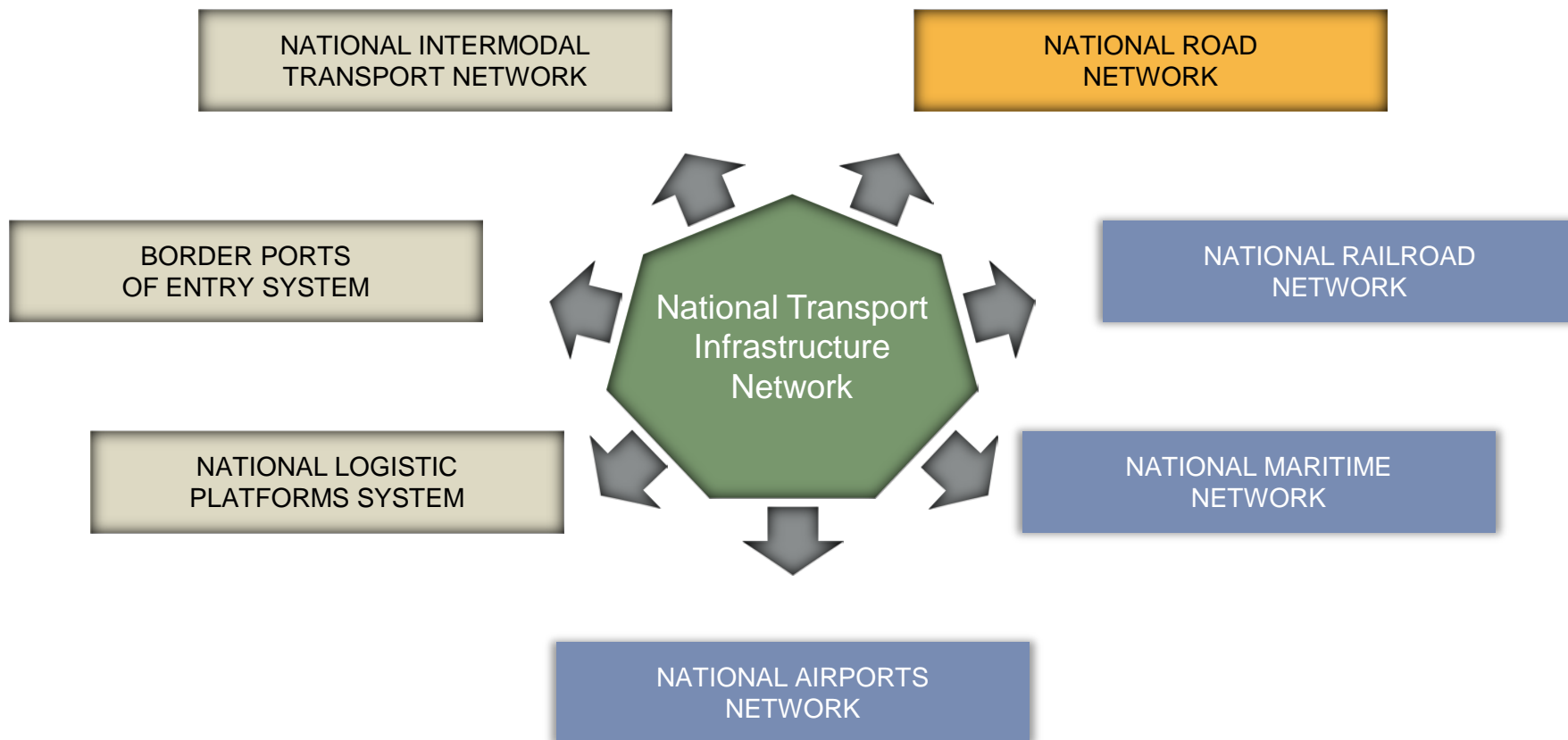


- National Transport Infrastructure Network
- National Transport and Logistics System
- Freight Transport and Logistics National Observatory
- Freight Transport and Logistics U.S.-Mexico Cross-Border Observatory and Fluidity Index

National Transport Infrastructure Network



Transport Sector Infrastructure Information Technical Committee



National Transport and Logistics System



NATIONAL TRANSPORT
INFRASTRUCTURE NETWORK

INEGI-SCT/IMT

TRANSPORT AND LOGISTICS
RESEARCH THEMATIC NETWORK

IMT/SCT-CONACYT

NORTHAMERICAN TRANSPORT
INFRASTRUCTURE NETWORK

SCT/IMT-INEGI (NATS)

CeNIT OF TRANSPORT
AND LOGISTICS

IMT/SCT

NATIONAL SIMULATION MODEL
OF TRANSPORTATION AND
LOGISTICS

IMT/SCT

National Transport
and Logistics
System

NATIONAL PERFORMANCE
OBSERVATORY FOR TRANSPORT
AND LOGISTICS

IMT/SCT

- A Freight Transport and Logistics National Observatory is a tool for continuous assessment of the needs of the economic sectors in relation to transportation and the supply and distribution chains
- It is a meeting between governmental decision makers and companies that allows integrating the needs of business sector by planning, constructing and operating the transport infrastructure and services
- The project main objective is to create the structure for the Freight Transport and Logistics National Observatory as a strategic tool to capture, analyze and disseminate transportation and logistics information, statistics and Key Performance Indicators (KPI) performance indicators

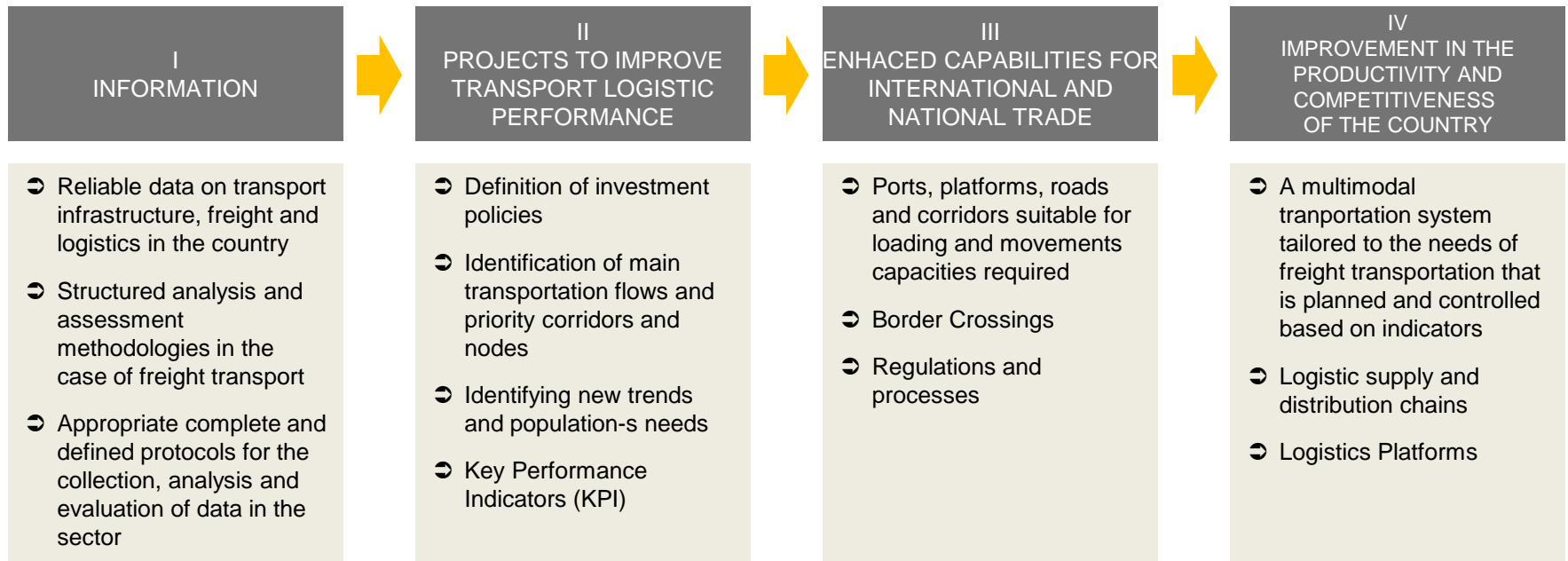
➤ For which the following **main activities** have been achieved:

- The performance of a benchmarking on existing transport and logistics observatories at international level in order to feed the development of the NOIL
- The identification of primary and secondary information available in both the public and private sectors that can be used to meet the objectives of the NOIL and the design of the methodology for its capture (data base)
- The definition, description and prioritization of the **Key performance indicators** (KPI) to be included in the NOIL
- The creation of a base line to facilitate decision-making in public management and prioritization of public and private project investments in order to improve the country's productivity and
- The identification of the Key public and private **stakeholders** that can provide the ideas and information to successfully develop the NOIL

➤ **Reliable** information of freight and logistics "fluidity" to design, select and implement policies and projects with greater impact on the country's capacity is indispensable

➤ These capabilities are the basis for productivity and competitiveness

➤ **Methodology steps:**



Phases of the Freight Transport and Logistics National Observatory

PHASE 1

- Experiences review, design and structuration of the observatory

- Analysis of the national and international experiences
- Conceptual design of the observatory's framework
- Proposal of data collection and key performance indicators (KPI) system
- Identification of information sources in order to "feed" an indicators system (interviews)

PHASE 2

- Primary sources identification, as well as Information collection and analysis

- Diagnosis of available information that is needed to update KPI
- Identification of primary and secondary sources that are required to achieve the Observatory's objective
- Analysis of the logistics efficiency in Mexico based on the KPI
- Definition of collection and analysis information processes

PHASE 3

- Building quantitative indicators, line-base definition and quantitative modeling development

- Building a key performance indicators base-line
- Proposal of an integrated monitoring center
- Analysis of best practices to be applied to the Mexican freight transport and logistics sectors
- Updating indicators based on a partnership with agents involved in the sector for improving information delivering

Goals of the Freight Transport and Logistics National Observatory

GOALS

➤ Continuous evaluation of national freight transport and logistics performance as well as public policies

➤ Ensuring the integration of information needed for updating existing indicators

➤ Dissemination of the observatory itself as well as the results obtained as a result of the performed analysis

➤ Continuous review of the information as well as addition of indicators to follow the country's evolution and needs



MAIN ACTIVITIES



Delivering of methodologies, data, and indicators and updating mechanisms

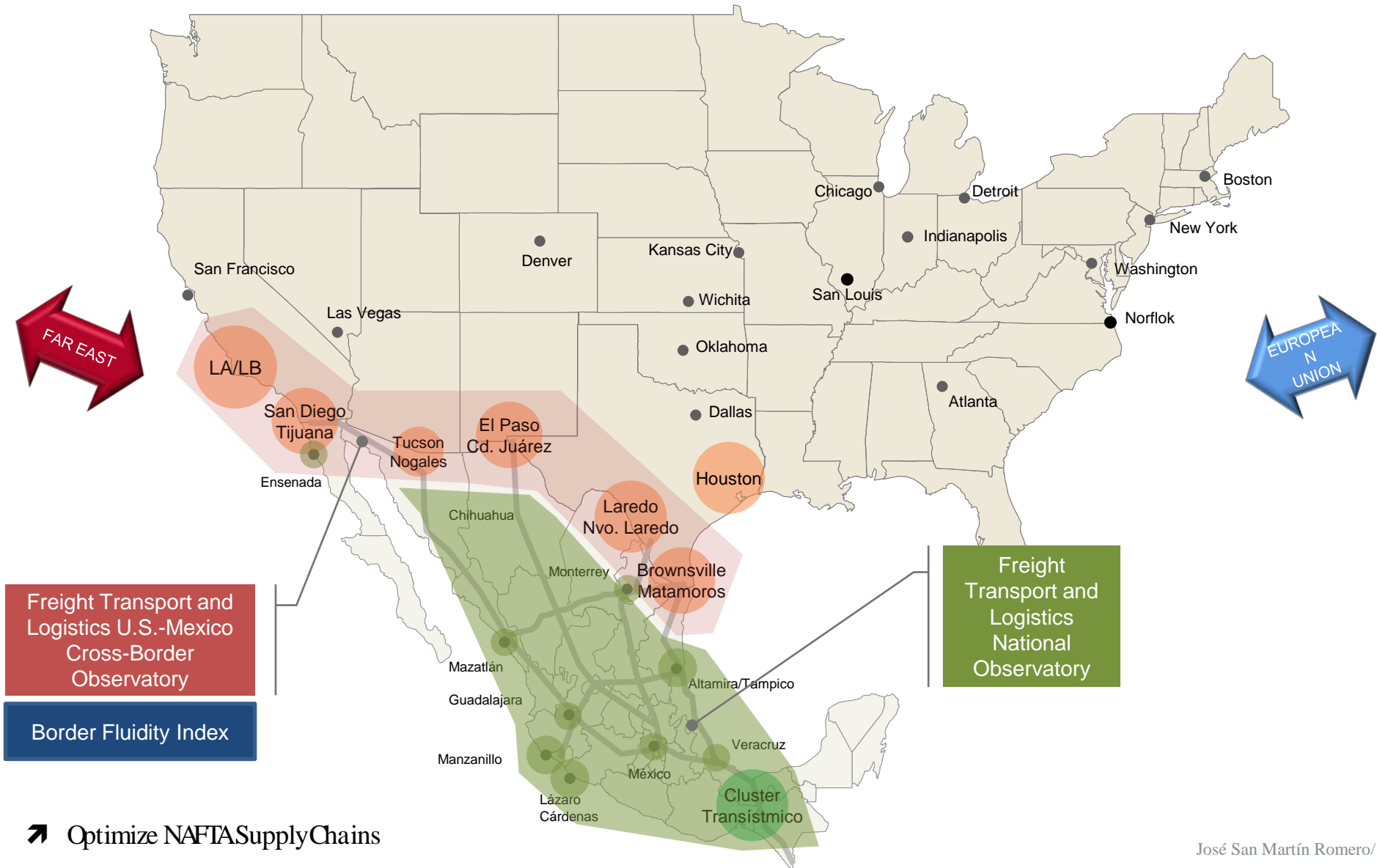


Developing research and analysis in the subject



Managing knowledge and products dissemination for planning, for project evaluation and policy making

Freight Transport and Logistics U.S.-Mexico Cross-Border Observatory and the Fluidity Index





Roundtable on Logistics Development Strategies
and their Performance Measurement

9-10. March 2015 Sanfandila, Queretaro, MEXICO

Mexican Institute of Transport

Thank you!

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