

The Mexican Spatial Data Infrastructure :

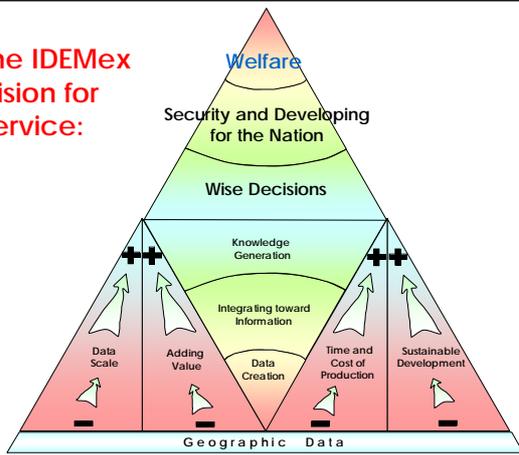


17 de abril de 2005

Why a NSDI for México ?

- Because we need to increase the G.D.P.,
- Because we must adapt us to the globalization,
- Because we must to invest for the future,
- Because it helps to make successful nations,
- Because it links science and government,
- Because it links knowledge and decisions,
- Because it is less costly to have it than don't have it.

The IDEMEX Vision for Service:



Definition:

The **IDEMEX** may be defined as the collection of resources, standards, technologies, policies, and the legal, administrative and organizational frames necessary for the effective development, compilation, management, access, distribution, sharing and use of spatial data.

The concept extends beyond the definition of a classical infrastructure based on physical components, data and standards.

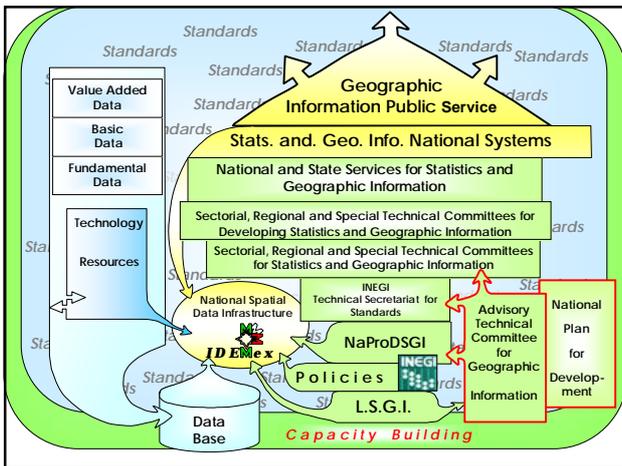
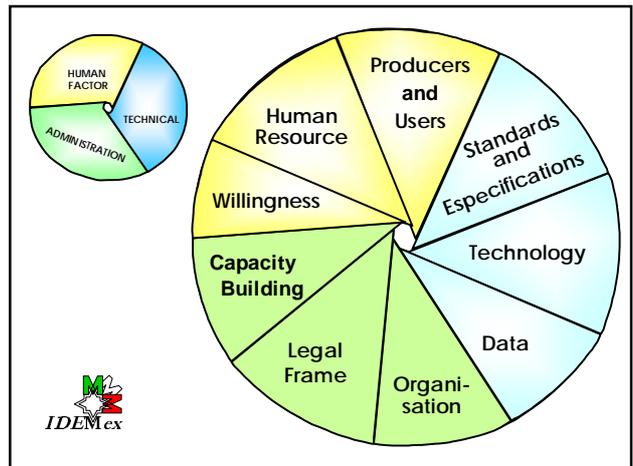
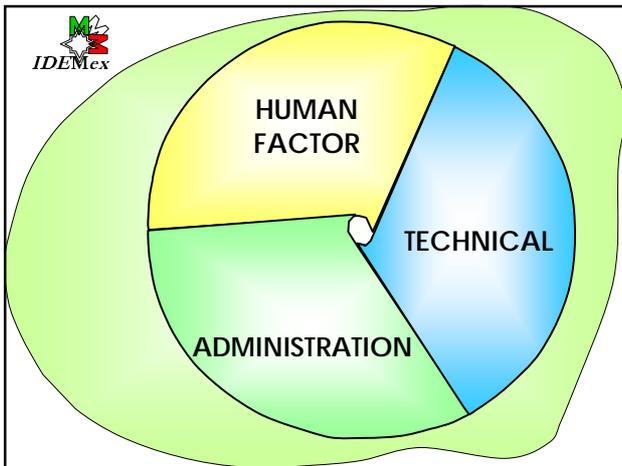
The **IDEMEX** is highly inclusive and is moved by a spirit for sharing data and information in all ambits and levels of the society.



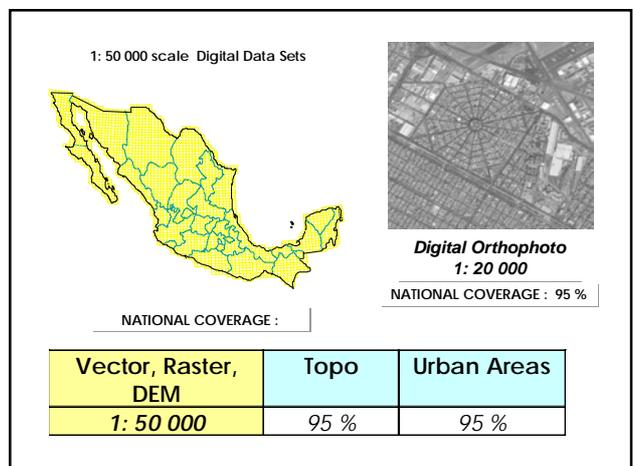
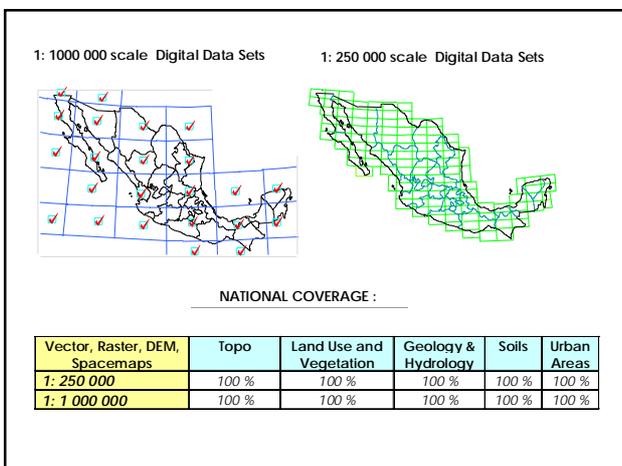
Dimensions and Components



National Spatial Data Infrastructure



Two critical issues:
Data
and
Technical Standards



Basic Data	Geostatistics	Geo reference
	Natural Resources	Edafology L. Use/ Vegetation Edafology Geology
Fundamental Data	Geographical Names.	Geology Vegetation Geographical Names • Standardization for State and Urban Areas Keys • Standardization for Geographical Names
	Cadastral Data	• Geographical Names for Marine Features
	Hydrographic Networks	• Cadastral Surveying
	Roads and Planimetry	Hydrography
	Images and Aerial Photos	Roads
	Elevation Data	• Aerial Surveying • Aerial Photograph
	National, State, Municipal Boundaries, Regions	• Digital Elevation Data • Bathymetry Data
Geodetic Reference	Geostatic Framework National Polygons Watersheds • Positional Accuracy • National Geodetic System	
Data Model & Dictionaries Finding Data Access / Interchange Scales System and Nomenclature for Cartographic Series	• Scales System • Metadata • Interoperability • Data Models	
Policies	National Policy for Geographic Information	


Challenges:
(in the short run)

- Build a National Policy for G.I.
- To Advance on the G.I. Programs for the Sectorial, Regional and Special Technical Committees.
- To design the main streams for Capacity Building.

Thanks to:

