

INDONESIAN GEOSPATIAL DATA CLEARINGHOUSE.

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3rd FIG Regional Conference for Asia and the Pacific
JW Marriott Hotel, Jakarta
3 - 7 October 2004

Component

- Content
- Technology
- Management
- Policy

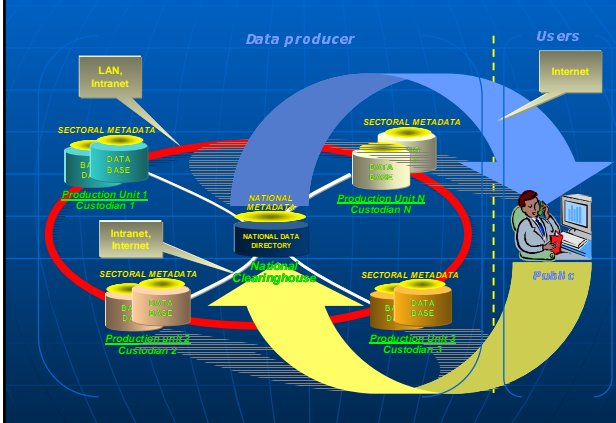
Content

- The content of the National Geospatial Data Clearinghouse is information about all sets of geospatial data existed in Indonesia.
- The FGDC metadata standard '*Content Standard for Digital Geospatial Metadata*' is adopted as national metadata standard for Indonesia

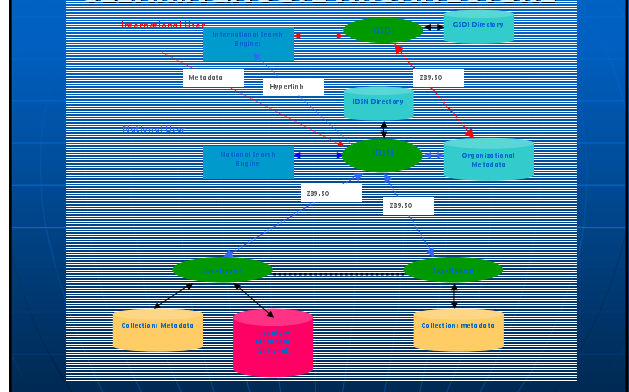
Types of Metadata

- Organizational Metadata
 - Information about geospatial data producer organization
- Collection Metadata
 - Information about a data collection
 - Bakosurtanal: Topographic Data
 - Kimpraswil: Spatial Management Data
- Inventory Metadata
 - Information about a data collection in more detail

NATIONAL GEOSPATIAL DATA CLEARINGHOUSE



CLEARINGHOUSE ARCHITECTURE



Management

- Managed by geospatial data stakeholders
- Organization of the National Geospatial Data Clearinghouse consists of:
 - Permanent Committee,
 - National Metadata Gateway
 - Geospatial Metadata Centers.

National Policy

- The National Geospatial Data Clearinghouse will be served as a metadata gateway for all geospatial metadata produced in Indonesia. This means that all metadata users can only access Indonesian geospatial metadata through this National Geospatial Data Clearinghouse.
- To promote to international community the Clearinghouse will be linked to APSDI and GSDI Clearinghouse.

Problems

- Little understanding of the use of clearinghouse within the provincial and local government. This understanding is necessary because the development of the National Clearinghouse will be funded by all governments in Indonesia including the central, provincial and local governments.
- The existence of geospatial metadata in almost all of data producer institutions is inappropriate.
- At present, only few of the node institutions have developed the metadata servers and databases.
- The quantity and quality of human resources available in node institutions are inadequate.

Current Development

- There is a strong supports from central government and data producer institutions all over the country.
- There is a large number of geospatial data available in the country.
- Institutions consist of National Coordinating Agency for Surveys and Mapping, Center for Soil and Agro-climatic Research and Center of Data and Information of Department of Regional Settlement and Infrastructures already developed their metadata.
- National Spatial Data Directory (DDSN)
- National Spatial Metadata (MDSN)