



# DEVELOPMENT OF NSDI IN INDONESIA

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## DEVELOPMENT OF NSDI IN INDONESIA

- CURRENT PROBLEMS
- TIME LINE OF ISDI
- ISDI
- INTEGRATED NETWORK
- STRATEGIC PLANNING
- ACCELERATION OF ISDI DEVELOPMENT 2002-2005
- ACTION PLAN for 2005
- FUTURE DEVELOPMENT
- CONCLUSION

## CURRENT PROBLEMS

- Data produced for own uses, little awareness to disseminate
- Data is not well managed
- There is no data directory or metadata
- There is no protection of data

## TIME LINE OF ISDI

- 1993: National GIS forum (awareness for the need of common spatial framework)
- 1997: Issues of institutional, catalog, data dictionary, data distribution and spatial database
- 2000: Commitment to develop ISDI consists of :
  - Institutional Aspect, Fundamental Dataset, Standard and Protocol, Access, Legal Aspect and Human Resources Development
  - With participation from government agencies, private sector, universities and NGOs
- 2001: Development of Provincial data infrastructure (West Java)
- 2002: Formal organization of ISDI (Permanent Secretariat)
- 2003: Development of National clearinghouse, data standard, custodianship and development of human resources.

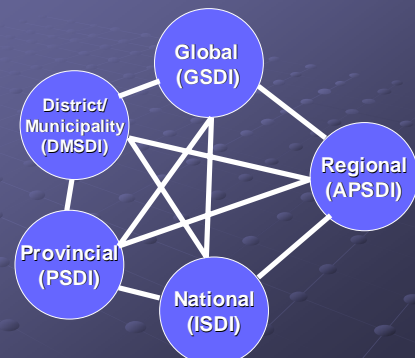
## ISDI

### INDONESIAN SPATIAL DATA INFRASTRUCTURE

*to make fundamental dataset in Indonesia available and accessible to users*

- Institutional aspect
- Legal aspect
- Fundamental Dataset aspect
- Science and technology aspect
- Human Resources aspect

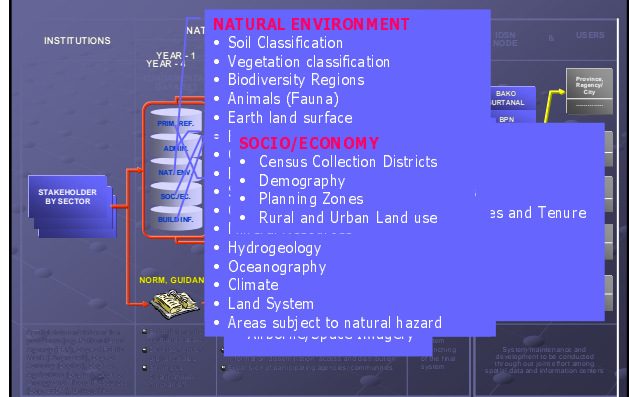
## INTEGRATED NETWORK



## STRATEGIC PLANNING

- Development of ISDI nodes
- Development of agency's spatial databases and metadata
- Development of mechanisms and standards
- Development of National Clearinghouse

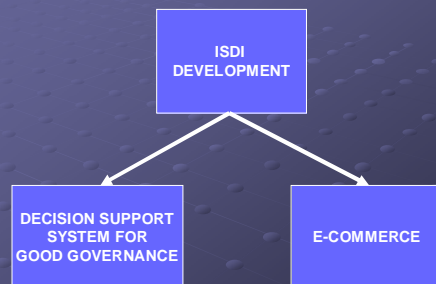
## Acceleration of ISDI Development 2002-2005



## ACTION PLAN for 2005

- Improve coordination mechanism
- Completion of spatial databases and national metadata
- Activation of national clearinghouse
- Research in Indonesian geoportal development

## FUTURE DEVELOPMENT



## CONCLUSION

Operationalization of ISDI is a function of

- Access to spatial data for everyone
- Participation from government, universities, private sector, industries, and NGOs
- National coordination based on a solid program
- Human resources development
- Commitment of continuous funding
- National, regional and international cooperation

WE HOPE  
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CONFERENCE  
3-7 OCTOBER 2004

