THE PROGRESS OF SDI DEVELOPMENT IN INDONESIA

by

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OUTLINES

• PAST EXPERIENCE
  • 1ST PHASE (2001-2004)
    - ACHIEVEMENT
    - PROBLEM
  • 2ND PHASE (2005-2020)
    - SHORT TERM PLAN
    - LONG TERM PLAN
    - PROBLEM
• CONCLUSION

PAST EXPERIENCE

• 1974
  - Adoption of unified datum
• 1985 – 1998
  - Implementation of pseudo SDI (land and marine)
• 1995
  - Adoption of unified geocentric datum
• 1993 – 2000
  - Implementation of digital mapping (land and marine)

PROBLEM

- The activity still project basis
- No such universal standard
- Gap of knowledge among stakeholder / digital divide
- Ego sector

1ST PHASE SDI (2001-2004)

• ESTABLISHMENT OF SDI SECRETARIAT
• ESTABLISHMENT OF SDI ANNUAL COORDINATION MEETING
  - Designing of SDI landmark and route-map
  - Compilation of SDI cook-book, custodianship, and clearinghouse manuals
  - Creation of acceleration program
  - Development of web based instrumentation (e.g.: on-line map, spatial data directory and dictionary, digital library)
  - Development of national standard
  - Road-show
• PROBLEM
  - Changing mindset to except new paradigm
  - Getting recognition from government and parliament
  - Implementation of autonomy law

2ND PHASE (2005-2020)

• SHORT TERM PROGRAM (2005-2009)
  - Promoting to the parliament and government the need of such regulation for the implementation of SDI
  - Launching of national clearinghouse & gateway
  - Capacity building & human recourse development
  - Continuing development of national standard
  - Migrating format to be comply to national standard
  - Promoting of public private partnership program in developing spatial fundamental data set
  - Modeling of corporation among central and local government, university and private sectors
• PROBLEM
  - Overlapping existing regulations
  - To get continues commitment (program, human resources and funding)
  - SDI mixing between data production and management program
  - Implementation of autonomy law

2ND PHASE (2005-2020)

• LONG TERM PROGRAM (~ 2020)
  - Implementation of local clearinghouse in the provincial (~ 33), regency (~ 420), and municipality (~ ?) levels
  - Maintenance of spatial fundamental data set database, standard, and code of conduct
• PROBLEM
  - Maintaining commitment (program, human recourse, and funding)
CONCLUSION

**THE EASIEST**
- Creation of instrumentation/tools

**THE HARDEST**
- Getting inter institutional commitment
- Creation of regulation

**SUGGESTION**
- Sustaining the agenda of promotion, and create a presentation dedicated to the target audience
- Create a program and tools to facilitate in problem solving for each individual case
- Seeking international support in the establishment of spatial fundamental data set
- Keep watch to the dynamic of government policies and the international SDI development
- Use top down language/approach

THANK YOU FOR YOUR KINDLY ATTENTION