

# THE PROGRESS OF SDI DEVELOPMENT IN INDONESIA



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## OUTLINES

- PAST EXPERIENCE
- 1<sup>ST</sup> PHASE (2001-2004)
  - ACHIEVEMENT
  - PROBLEM
- 2<sup>ND</sup> 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

## 1<sup>ST</sup> 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

## 2<sup>ND</sup> 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)
  - Still mixing between data production and management program
  - Implementation of autonomy law

## 2<sup>ND</sup> 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**