

One Map Policy to Support National Development in Indonesia



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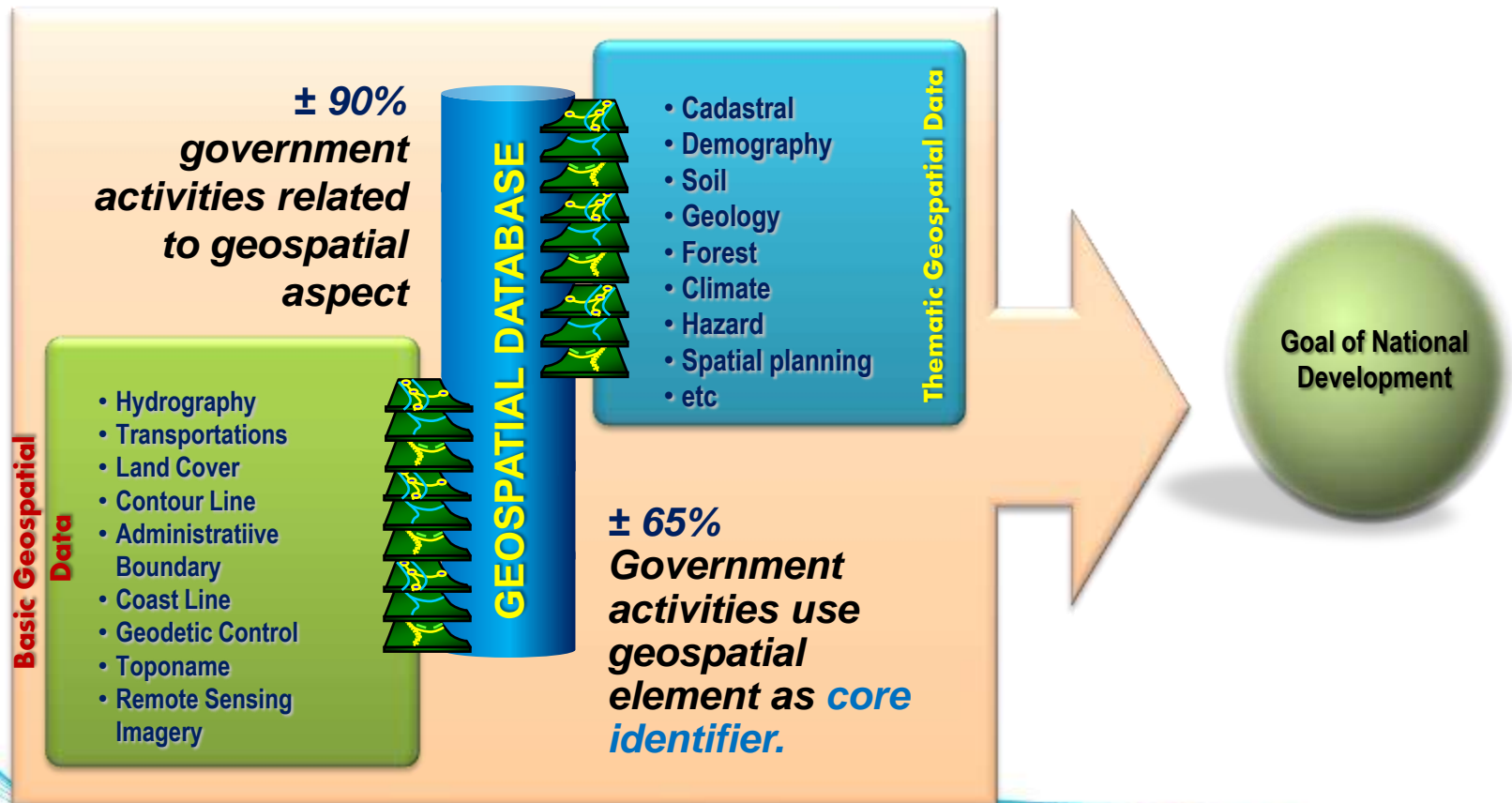
Geosmart Asia, September 29 – October 1, 2015
Putra World Trade Center, Kuala Lumpur

Outline

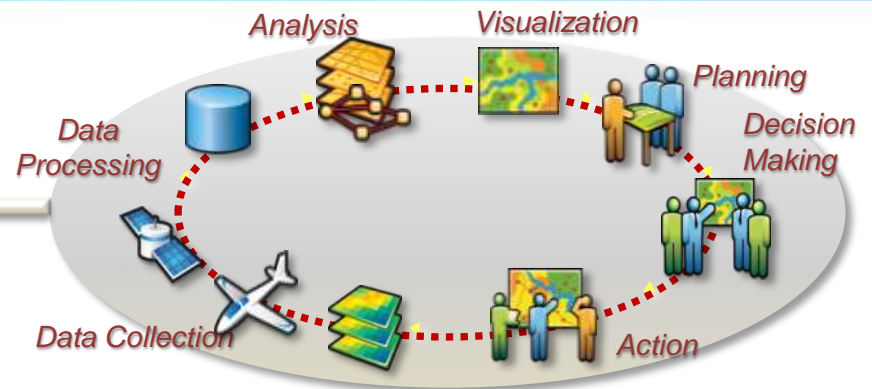
- Introduction
- Scope
- Strategic Approach
- Achievements
- Closing remarks

Introduction

▪ The Importance of Geospatial Data for National Development



Geospatial Data Used to Analyse Various Sectoral Development



Social and economic



Settlements



Flood Hazard



Plant Concession



Fisheries



Land Use Planning



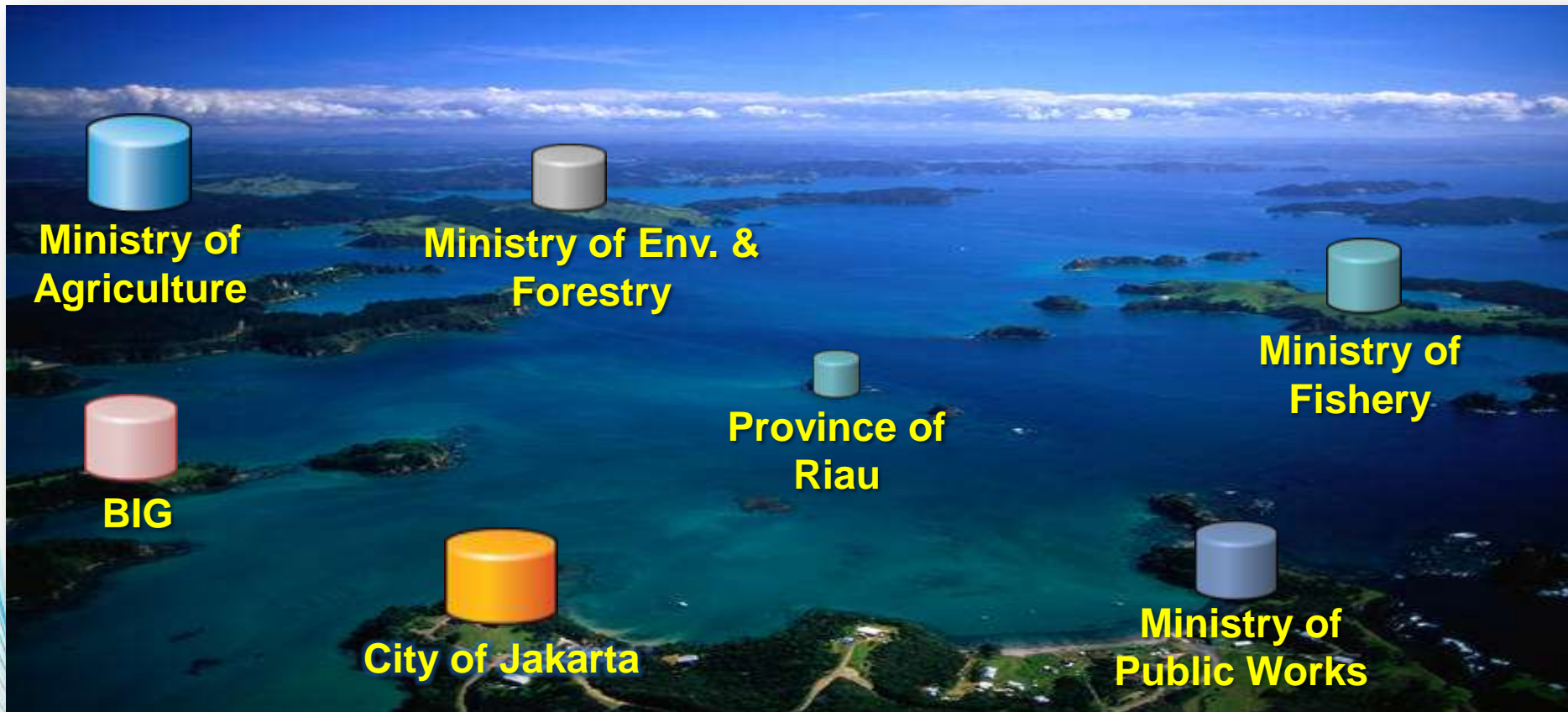
Forestry



Controlling Carbon Emission



Conditions of Thematic Geospatial Information (IGT)



- GIS data is illustrated as database islands. They were not fully integrated yet.
- IGT producers concern only their own tasks , leading to map discrepancies
- One map policy is required to avoid map discrepancies by ensuring all thematic maps refer to the same standard and geospatial reference system

Scope of One Map Policy

- The main goal of One Map Policy is to guarantee the availability of accurate, accessible, and accountable geospatial information
- One Map Policy is a directive policy to support the production of geospatial information approved by the stakeholders and used nationally.



One Map Components



one

Geospatial Reference

Geospatial Standard

Geodatabase

Geoportal

Ina-GeoPortal: : instrument for sharing geospatial data/information among stakeholders (Ministries/Agencies) and Local Government



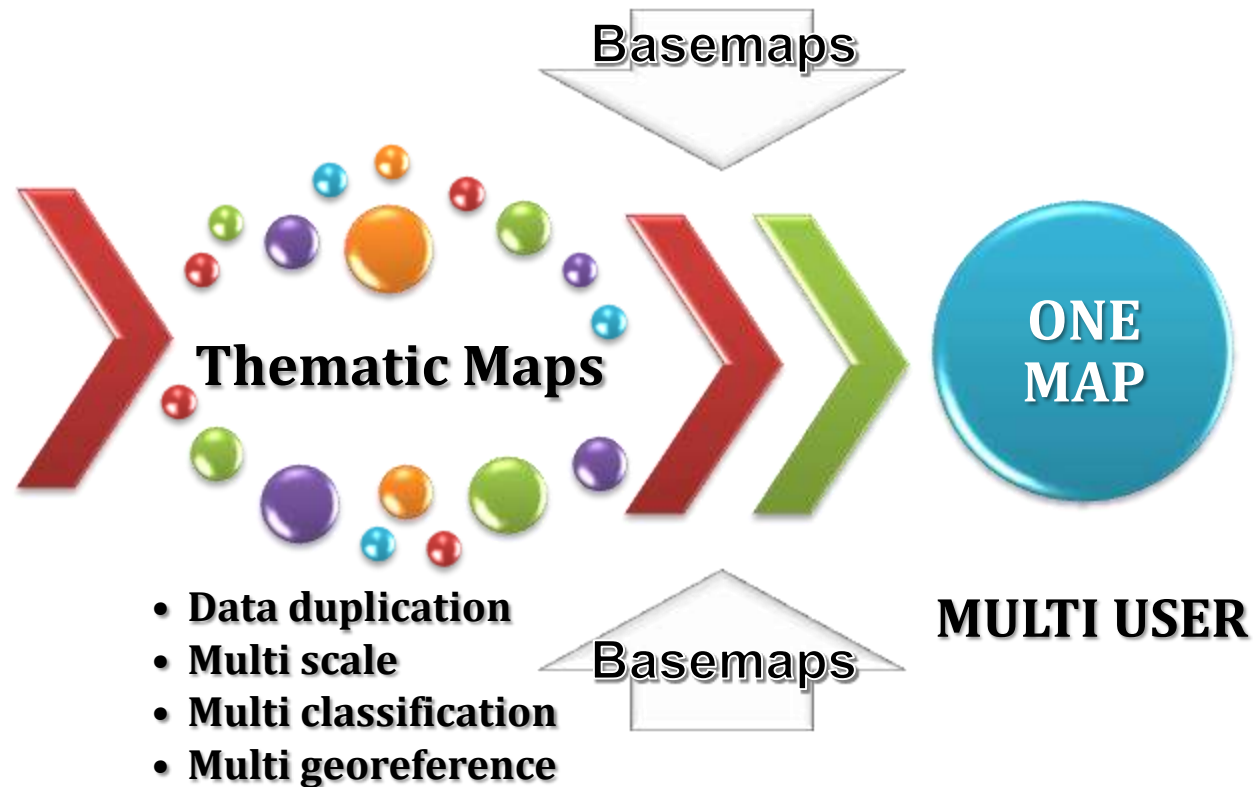
- ❖ To avoid data duplication among stakeholders;
- ❖ Data Center in each network node is managed by Ministry/Agency and Local Government
- ❖ To integrate Geospatial Information managed by ministries/agencies which have function as Data Custodianship



Strategic Approach to Implement One Map Policy

**Working Group of
Thematic
Geospatial Informaion**

**Media for coordination and
synergy among stakeholders
(Ministries/Agencies)**



Working Groups of Thematic GI

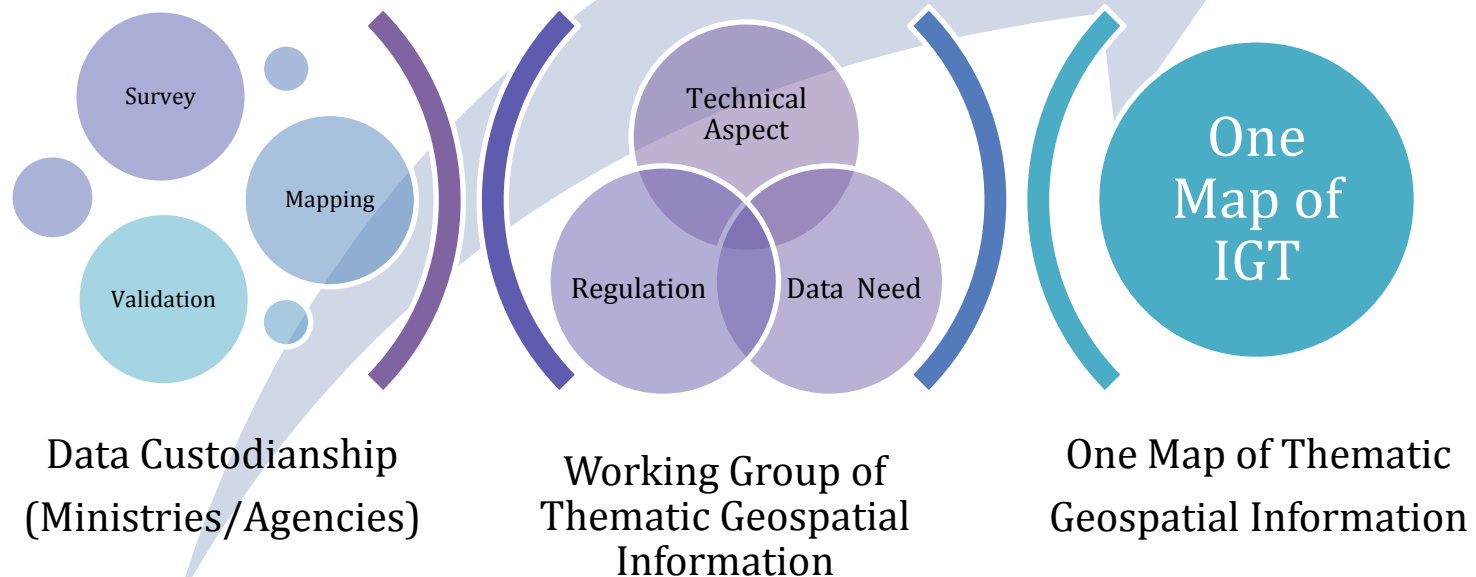
- ❖ Working groups: a discussion group of stakeholder of certain thematic map.
- ❖ Members: government institutions, universities, and NGOs
- ❖ There are 12 working groups:
 1. Land use planning
 2. Land cover
 3. Transportation
 4. Coastal, marine & small islands
 5. Disaster
 6. Climatic change
 7. Social & Atlas
 8. Water resource
 9. Agricultural Land and peat
 10. Ecoregion
 11. Natural resource balance
 12. Geo-intelligent



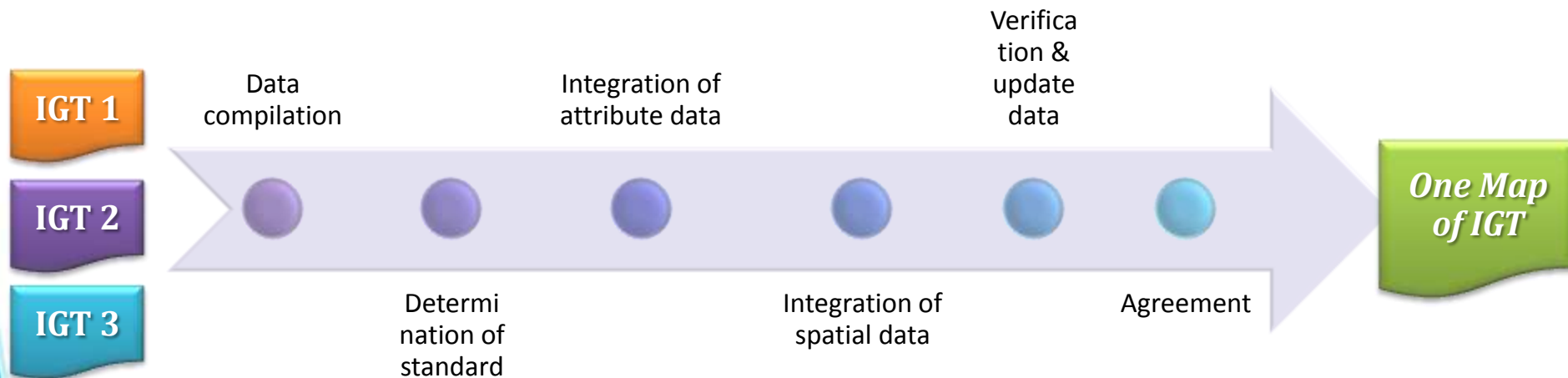
Mechanism of Developing One Map

Working group of IGT has agenda of regular coordination meeting

- 3 Plenary Coordination Meeting in each year
- Focus Group Discussion by Bilateral Meeting (BIG and Each Working Group of IGT)



Process of Developing One Map



IGT = Thematic Map

Achievements

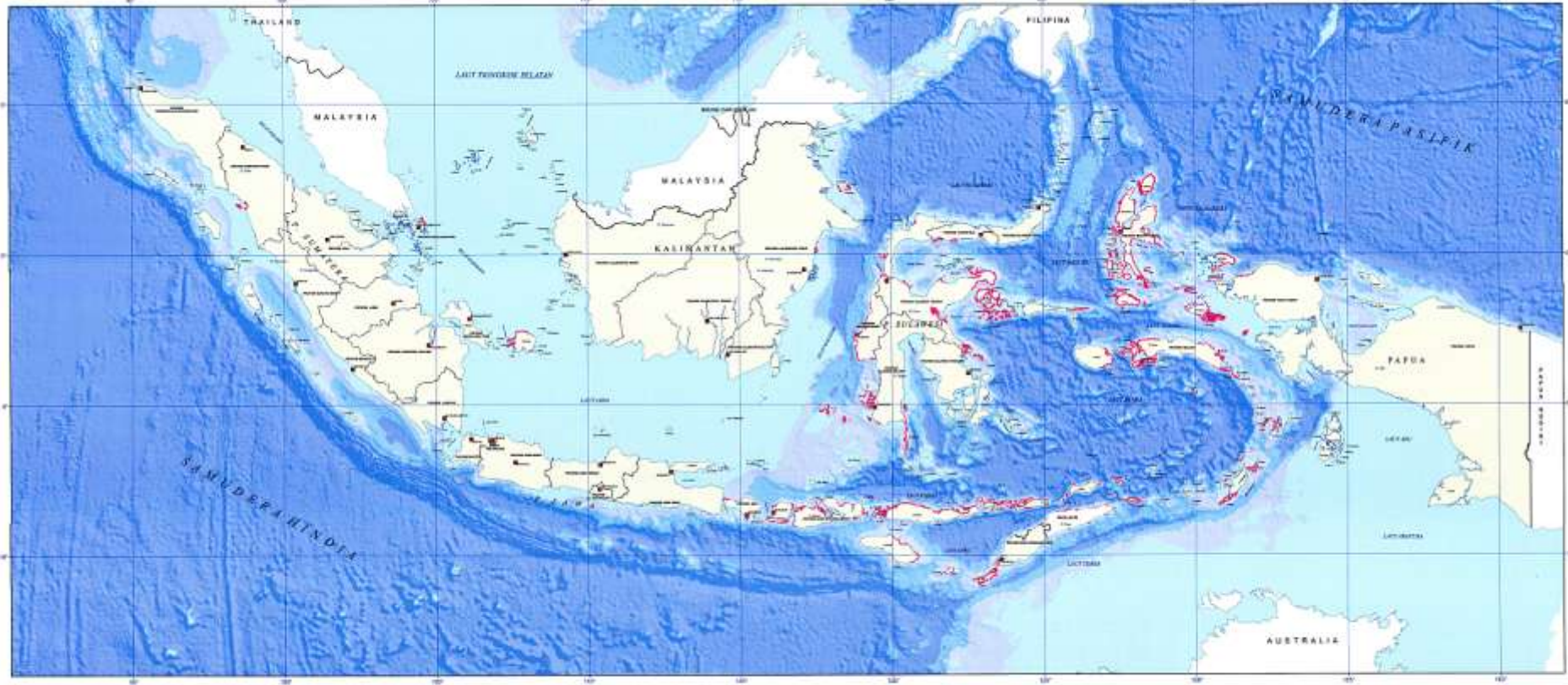
Launching of One Map
[Dec 22, 2014]:

- Land cover
- Mangrove
- Seagrass
- Oceanography



Achievements

SATU PETA HABITAT LAMUN NASIONAL



SKALA 1 : 500.000

LEGENDA

SEYERANJAN :

- BAWA KAWAN
- BUNYUT/PERISAI
- ▲ KOTILAH
- GARA GARA BUNYAN
- GARA GARA PROJEK
- ASIN BESI
- SALAM TIDAK TERPAPAR

SEYERANJAN :

- AIR PAHAYA
- SENCI
- SAMPIL/BOGOL

AREAL LAMUN :

- HABITAT LAMUN

LOGO PARTNER:

- Logo of the Ministry of Environment and Forestry (KLHK)
- Logo of the Ministry of Marine Affairs and Fisheries (KKP)
- Logo of the Ministry of Natural Resources and Environmental Conservation (KLHK)
- Logo of the Ministry of Environment and Forestry (KLHK)
- Logo of The Nature Conservancy Indonesia
- Logo of SPT (Seagrass Protection Trust)

Achievements



Closing Remarks

- ❖ The main goal of One Map Policy is to avoid map discrepancies produced by data custodians
- ❖ The working group has an important role in coordinating stakeholders to produce one map
- ❖ The One Map developed through Working Group becomes legal map for supporting the national development in Indonesia
- ❖ Stakeholders which have role as Data Custodianship are responsible for developing one map in accordance with their tasks and functions
- ❖ Working Group still continues to develop one map related with sectoral development at Ministries/Agencies

IndONEsia



BADAN INFORMASI
GEOSPASIAL

Bersama Menata Indonesia yang Lebih Baik

Integritas, Visioner, Tanggung Jawab, dan Kerja Sama



Thank you very much....

Badan Informasi Geospasial

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