

Integrated Geospatial Information Management

- A Leadership Role



**BADAN INFORMASI
GEOSPASIAL**

ANTONIUS B WIJARTO

Geospatial Information Agency (BIG)

INDONESIA

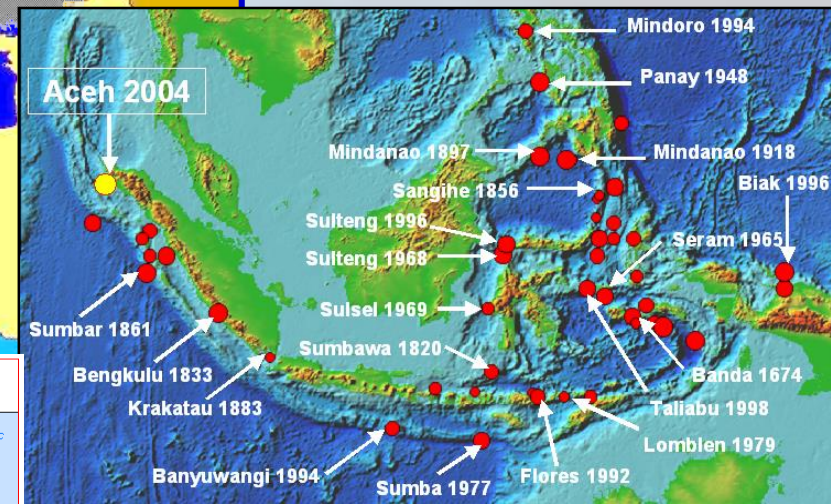
Deqing, Zhejiang, China, October 22, 2019

Administrative Territorial:

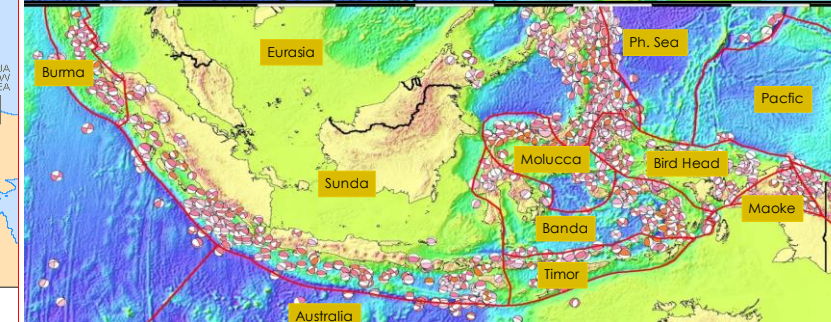
- 34 Provinces
- 514 Cities/Municipalities
- 7094 Districts
- 83.447 Villages

Sabang – Merauke: 5,146 km
London – Baghdad: 4,092 km

Geospatial
Information plays
important role in
Disaster Risk
Reduction



- 5000 km x 2000 km
- 8 Flying hours
- 3 Time zones
- 17,504 Islands
- 270 million people
- 1340 Ethnic groups
- 6 Religions



Overlapping Permits due to Non Unified Thematic Maps

Topographic Map (RBI)

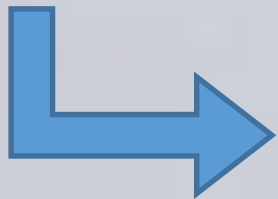
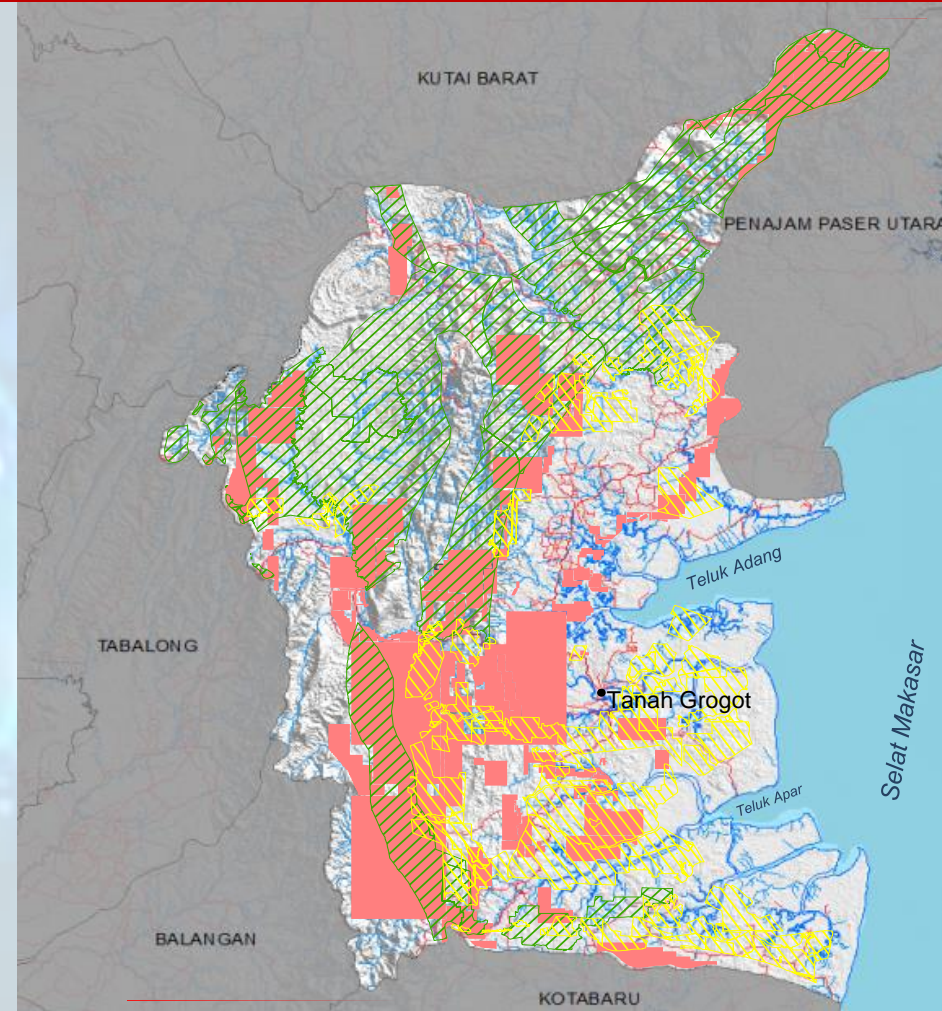
Permits of Mining Sector

Permits of Forestry Sector

Permits of Cadastral Sector

THE OVERLAPPING CREATES LEGAL, SOCIAL, ECONOMIC & ENVIRONMENTAL CONFLICTS :

- ✓ **Lead to unattractive investment condition.**
- ✓ **Hampering the development process.**
- ✓ **Delaying the project completion.**
- ✓ **Wasting the energy of development.**



**ONE MAP
POLICY
Pres. Reg.
2016**

1

**Reference
Standard
Geodatabase
Geoportal**

**DATA
SHARING**

ONE MAP POLICY PROGRAM ACCELERATION



President's 6
directives for OMP
Dec 11th, 2018

1

Ministries/Agencies create necessary additional Thematic Maps to overcome Land Use Conflicts

2

Ministries/Agencies/Local Gov't utilize all of the indicative conflicting thematic data to overcome conflicts

3

Ministries/Agencies/Local Gov't utilize all of the thematic data for development program spatially

4

Ministries/Agencies/Local Gov't must work together in the field to overcome Land Use Conflicts

5

Local Gov't must finalized the administrative boundary problem, assisted technically by BIG.

6

BIG must prepare (1) data updating mechanism, (2) large scale base maps; so that (3) Ministries/Agencies/Local Govt can prepare their large scale thematic maps

FROM ONE MAP TO ONE DATA POLICY

Presidential Regulation Number 39/2019: One Data Indonesia



National Development Goals

Quality Public Services and Bureaucracy

Electronic-based Government Administrative Services

Electronic-based public services

E-government

KRISNA

E-Planning

E-Budgeting

E-Procurement

E-Payment

E-Services

SIRUP

DASHBOARD
Public data and information services

ONE MAP
POLICY

ONE DATA INDONESIA

(GEOSPATIAL + STATISTICS + FINANCIAL + OTHER DATA)

4 Principles

One Data

Indonesia

ONE DATA STANDARD



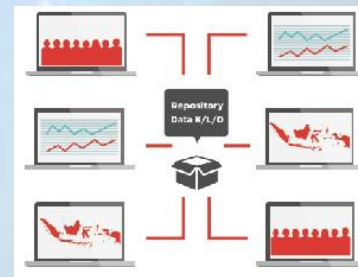
Concept, definition,
classification, size
and unit.

ONE METADATA STANDARD



Easily discover,
use and manage
the data.

DATA INTEROPERABILITY



Enhance data
sharing

FUNDAMENTAL DATA REFERENCE CODE



To use unique code
as reference data
or data agreed to
be used
collaboratively.

STRATEGIC PLAN 2020 - 2024

GEODETTIC CONTROL NETWORK DENSIFICATION

LARGE SCALE BASE MAP ACCELERATION AT 1:5000 BY 2024

STRENGTHENING NSDI

GEO - STATISTICS INTEGRATION

STRENGTHENING HUMAN RESOURCE IN GEO-INFORMATION

LEGAL AND POLICY DEVELOPMENTS

Presidential Speech on August 16, 2019



“... Data is our new resource,
it is now more valuable than oil ...”

THANK YOU