

# Geospatial Information Management in Indonesia

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UN-GGIM-AP Working Group 4

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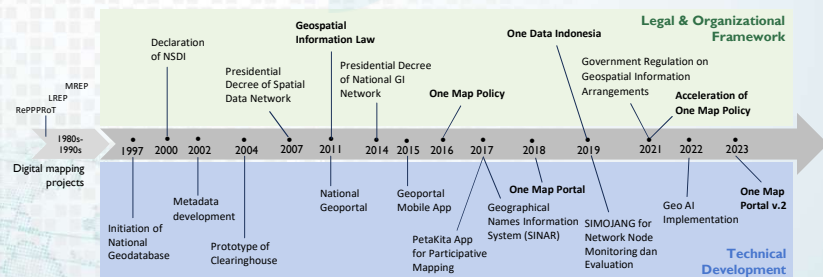
## INDONESIA



The largest archipelagic country in the world with **278.690.000** of population within total coverage of **8.305.000 km<sup>2</sup>** consisting **6.400.000 km<sup>2</sup>** of maritime and **1.905.000 km<sup>2</sup>** of mainland. Indonesia has **17.504 islands** with **10 neighbouring Countries**.

# ASIA PACIFIC GEOSPATIAL FORUM

## MILESTONES OF GEOSPATIAL INFORMATION DEVELOPMENT

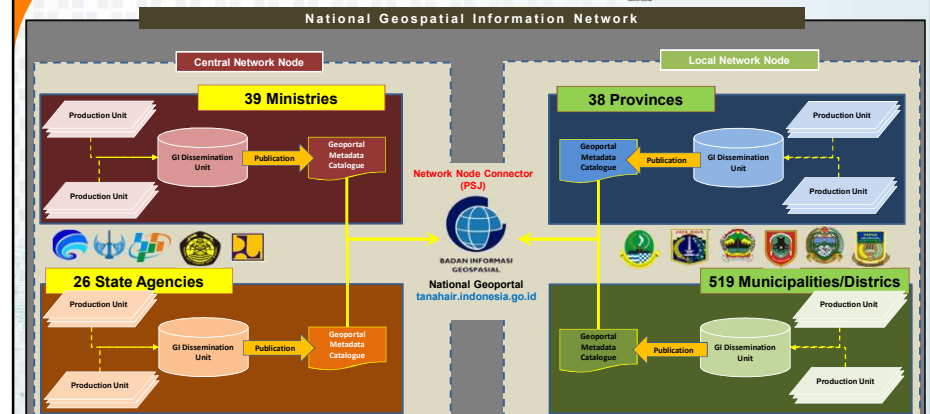


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## GOVERNANCE & INSTITUTIONS



\*) Based on Presidential Decree No. 27 Year 2014

## POLICY & LEGAL

**Geospatial Information (GI) Law (Law No. 4/2011)**

Contents:  
Type of GI (IGD & IGT), administrations and producer of GI, GI Infrastructure, utilization of GI, GI capacity building activities, prohibition & sanction

**One Map Policy (OMP) (Presidential Decree No. 9/2016, amended by Presidential Regulation No. 23/2021)**

Contents:  
OMP objectives, stages of activity, board of members, OMP secretariat and task forces, OMP action plan, IGT producer (ministry/agency)

**National Geospatial Information Network (NGIN) (Presidential Decree No. 27/2014)**

Contents:  
Definition of NGIN, member of NGIN, role and responsibility of the Network Node and the Network Node Connector

**One Data Indonesia (ODI) (Presidential Regulation No. 39/2019)**

Contents:  
ODI objectives and principles, administrations of ODI, ODI structure in central and local government, ODI secretariat, One Data forum

## POLICY & LEGAL

### ONE MAP POLICY OF INDONESIA

**Presidential Decree No. 9/2016 (continued by Presidential Regulation No. 23/2021) regarding the Acceleration of the Implementation of One Map Policy (OMP) on Map Accuracy at the scale of 1:50,000**

**OMP PRINCIPLES**

1. REFERENCE STANDARD DATABASE GEOPORTAL

**OMP BENEFITS**

Reference for quality improvement of:

- Spatial Planning
- Natural Resource Management
- Sustainable Development Planning
- Disaster Risk Management
- Policy Formulation & Decision Making
- Development of Digital Economy

**OMP MAIN PROGRAMS**

Compilation  
Integration  
Synchronization  
Data Sharing

**GEOPORTAL OMP**

**OMP TARGET**

2016

85  
THEMATIC MAPS

19  
MINISTRIES / AGENCIES

34  
PROVINCES

Presidential Decree No. 9/2016

2021

158  
THEMATIC MAPS

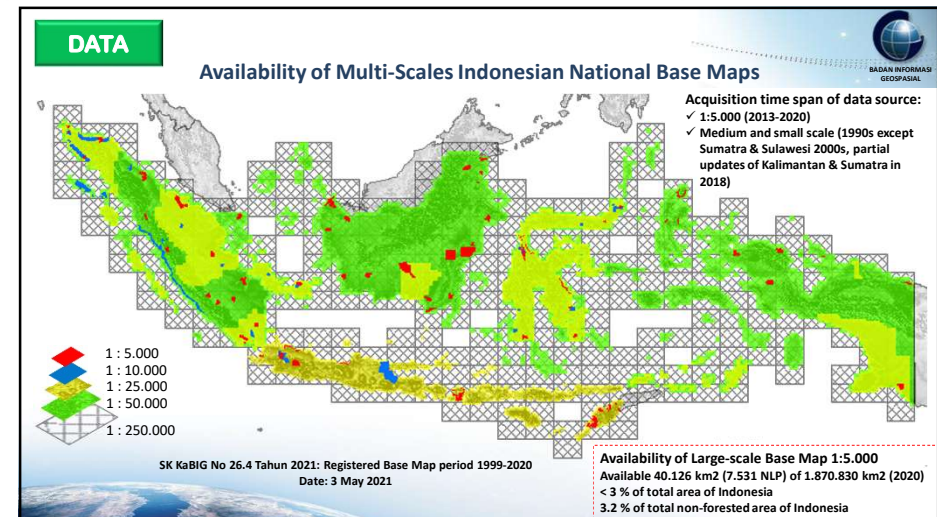
24  
MINISTRIES / AGENCIES

34  
PROVINCES

Presidential Regulation No. 23/2021



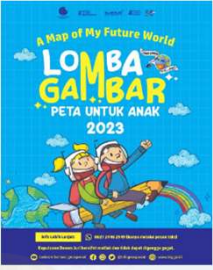

## Financial

- BIG, as the administrator of GI development, annually is financed by the national budget around IDR 400 Billion (~US\$ 25 Million)
- The production of thematic geospatial information by ministries/state agencies and local governments is from the national/local budget
- BIG also received funds from the International donor (e.g. JICA, Worldbank) for the implementation of National Spatial Data Infrastructure and Base Maps provision
- The Job Creation Law specifies the option to adopt Public Private Partnership schema. Our government has issued Presidential Regulation No. 11 of 2021 about Government Cooperation with State-Owned Enterprise (KPBUMN) for Administrations of Base Geospatial Information








## Innovation

#1 Peta Data Nusantara BerAKHLAK

## Standards

#1 Peta Data Nusantara BerAKHLAK

# ASIA PACIFIC GEOSPATIAL FORUM

## Partnerships



24 MINISTRIES/AGENCIES OF ONE MAP POLICY IMPLEMENTATION




#1 Peta Data Nusantara BerAKHLAK

## Capacity & Education






Capacity Building for Government Officers



E-Atlas of Indonesia



GIS E-Learning system

#1 Peta Data Nusantara BerAKHLAK

## Communication & Engagement



Annual National Coordination Meeting with Stakeholders



Inter-ministerial Task Force

## IGIF CASE STUDY: PALM OIL PRODUCTION IN INDONESIA



## FUTURE WORKS

- ❑ Large Scale Base Map Completion utilizing state of the art geospatial technology and innovation
- ❑ Translating UN-IGIF Documents and Developing Country Action Plan aligned with the National Mid-term & Long-term Development Plan
- ❑ Integrating Geospatial Information and Statistics to support SDG's achievement in 2030
- ❑ Developing Geospatial Industry ecosystem with a collaborative efforts from government institutions, private sectors, academics and communities

TERIMA KASIH  
**Thank You**

