

IMPLEMENTATION OF UN-IGIF IN INDONESIA

Dr. Antonius Bambang Wijanarto

HLG-IGIF 3rd Plenary Meeting
Mexico, January 23, 2024



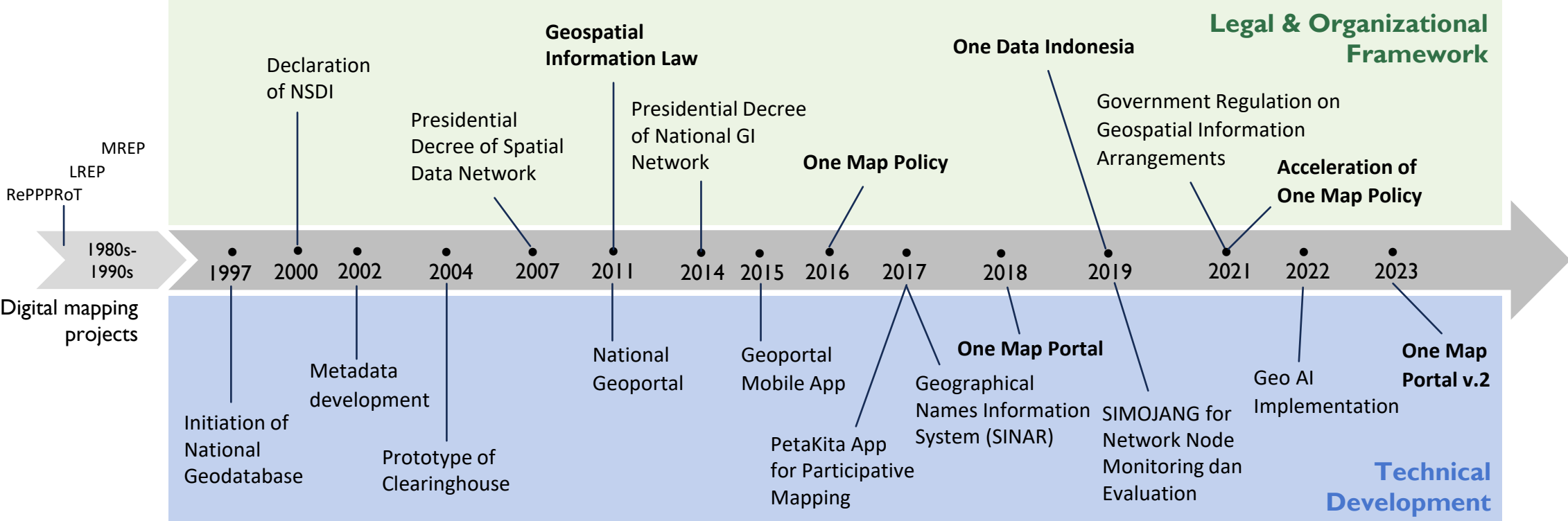
UN·IGIF
INTEGRATED GEOSPATIAL
INFORMATION FRAMEWORK



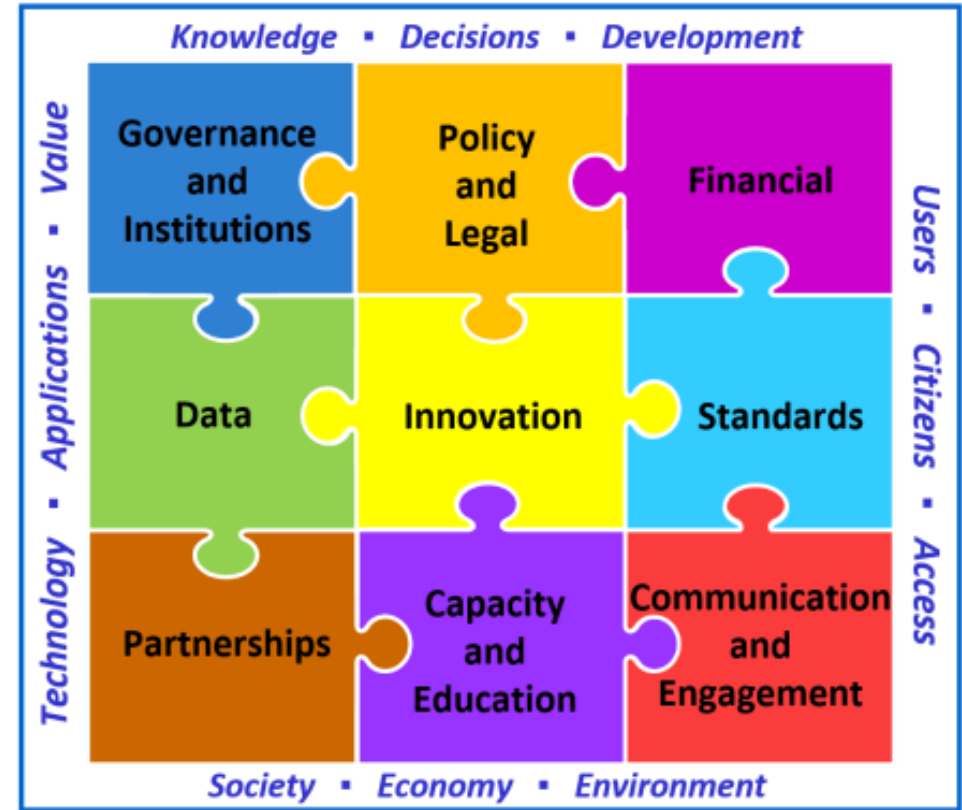
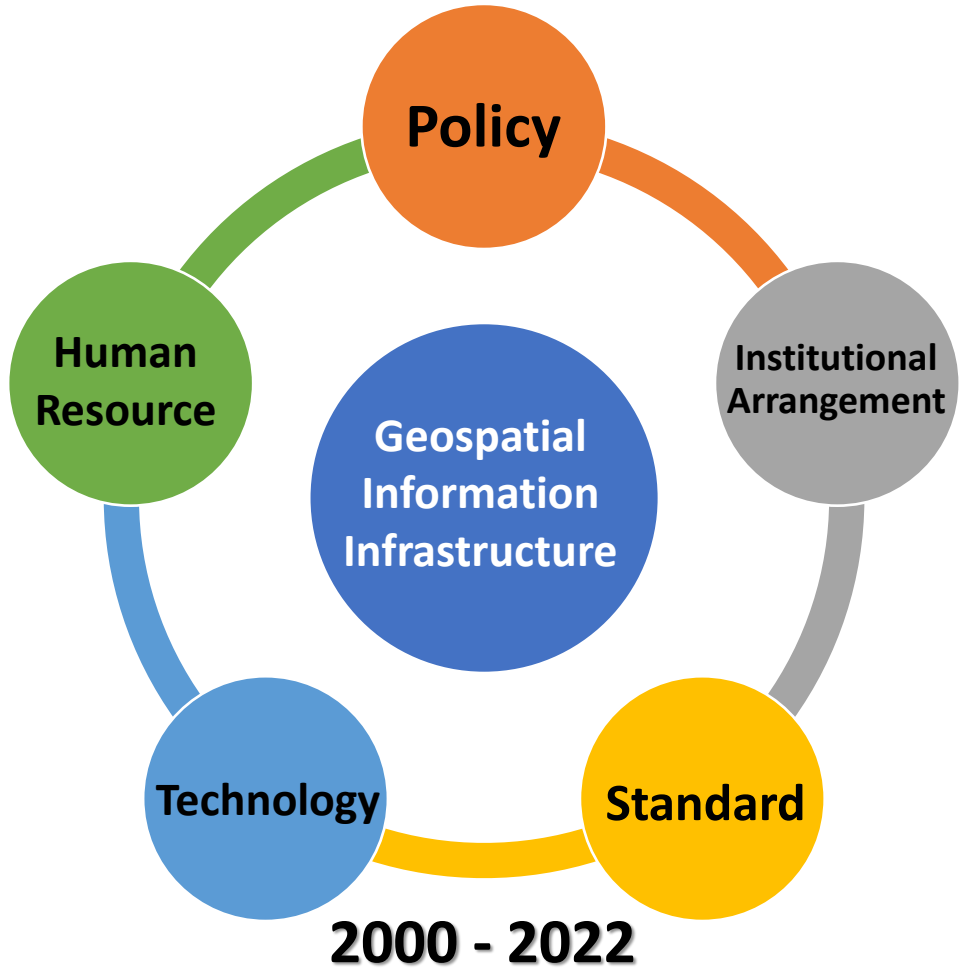
The largest archipelagic country in the world with **278.690.000** of population within total coverage of **8.305.000 km²** consisting **6.400.000 km²** of maritime and **1.905.000 km²** of mainland. Indonesia has **17.504 islands** with **10 neighbouring Countries**.



MILESTONES OF GEOSPATIAL INFORMATION DEVELOPMENT IN INDONESIA



WE ARE SHIFTING FROM NSDI LANDSCAPE INTO UN-IGIF PLATFORM



2023 and beyond



Six Strategic Plans UN-IGIF



Improve
Communication



Promote data
governance, availability,
and accessibility



Strengthen capacity
development



Oversee improvement
and review



Encourage
collaboration, exchange
and sharing



Mobilize sustainable
funding



IMPROVING COMMUNICATION & ENGAGEMENT...

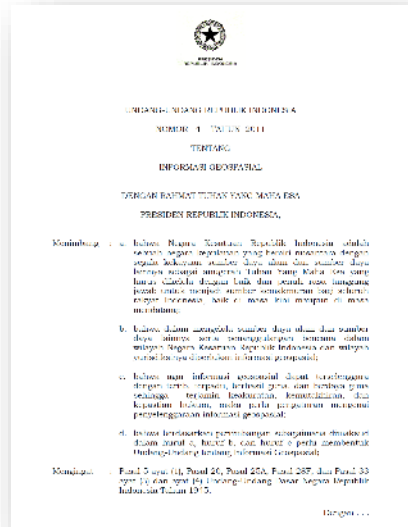


Annual National Coordination Meeting with Stakeholders



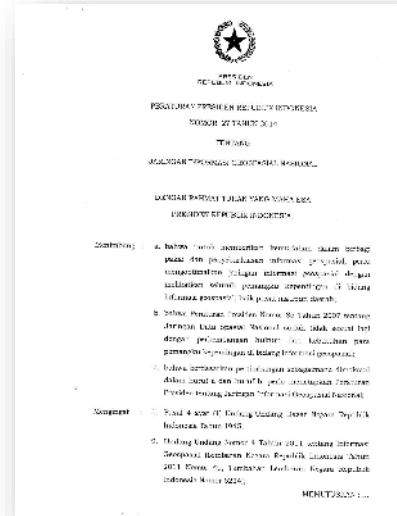
Inter-Ministerial Task Force





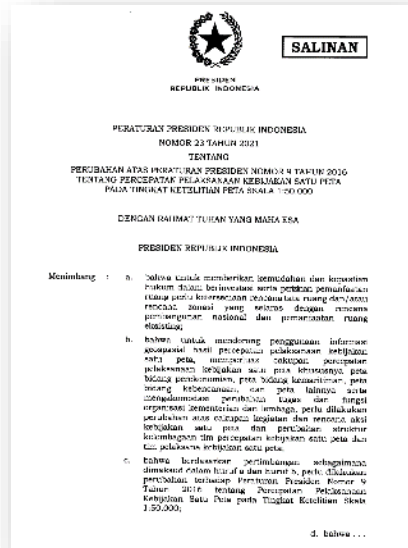
Geospatial Information (GI) Law (Law No. 4/2011)

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



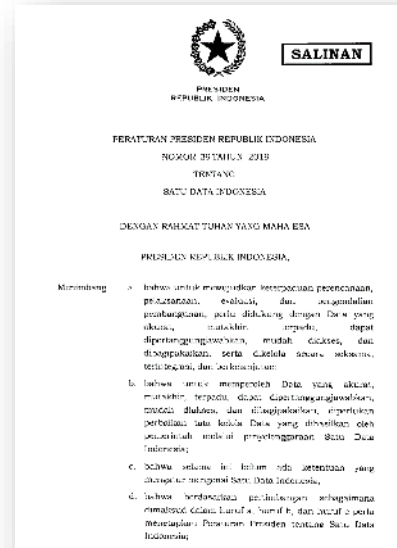
National Geospatial Information Network (NGIN) (Presidential Decree No. 27/2014)

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



One 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)



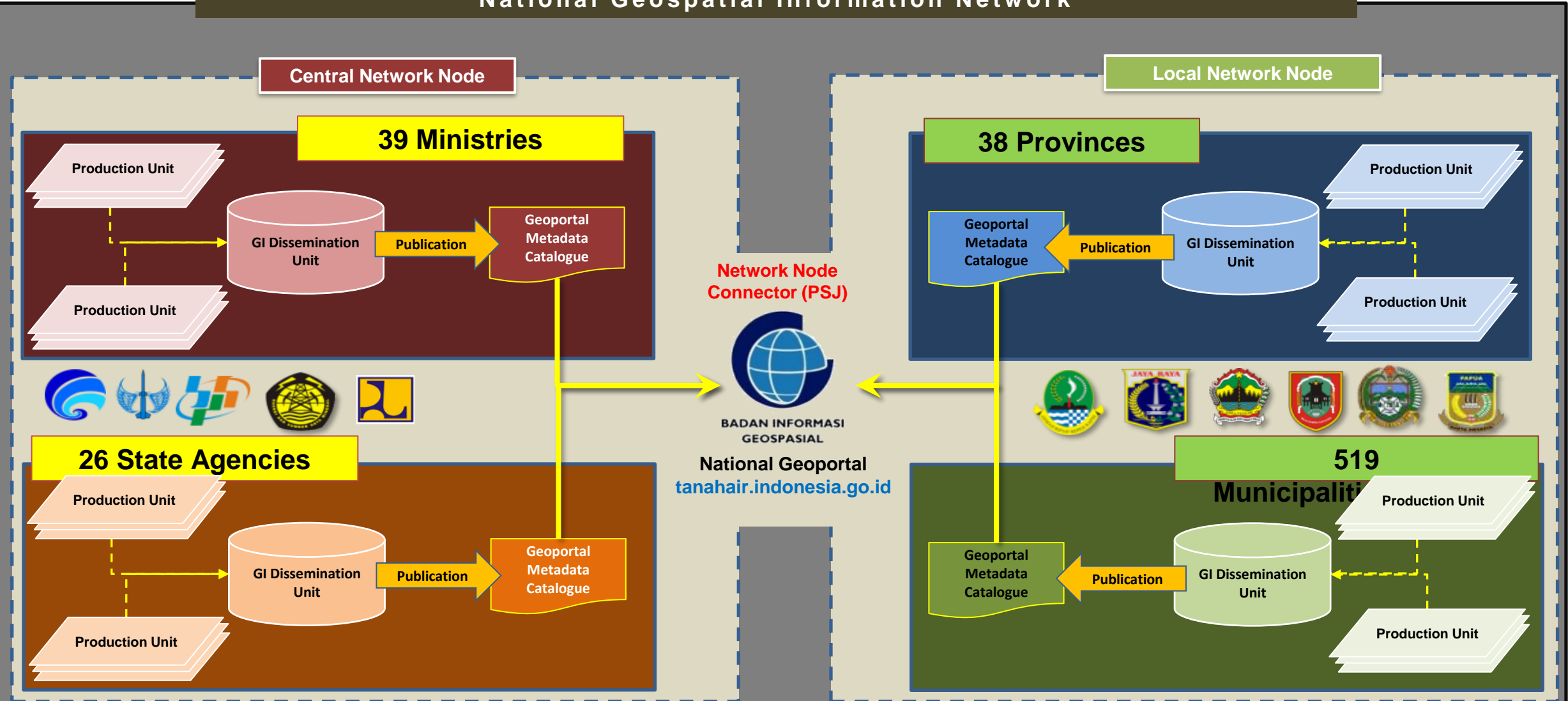
One Data Indonesia (ODI) (Presidential Regulation No. 39/2019)

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

GOVERNANCE & INSTITUTION

HIGHLIGHTS OF NSDI DEVELOPMENTS

National Geospatial Information Network



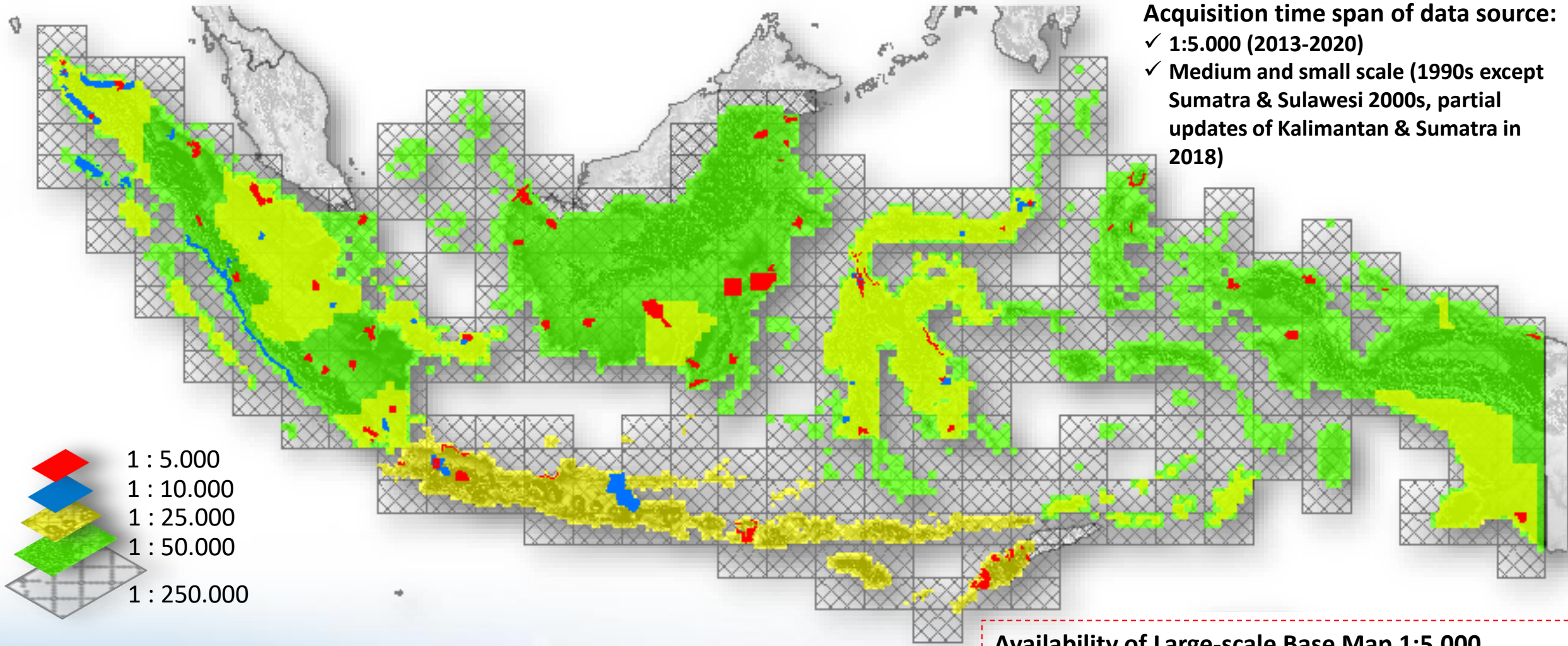
*) Based on Presidential Decree No. 27 Year 2014

DATA



BADAN INFORMASI
GEOSPASIAL

Availability of Multi-Scales Indonesian National Base Maps



Acquisition time span of data source:

- ✓ 1:5.000 (2013-2020)
- ✓ Medium and small scale (1990s except Sumatra & Sulawesi 2000s, partial updates of Kalimantan & Sumatra in 2018)

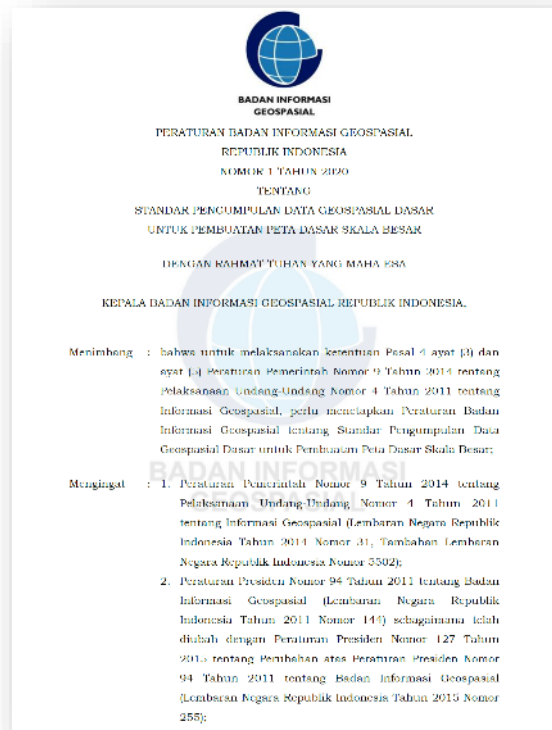
- 1 : 5.000
- 1 : 10.000
- 1 : 25.000
- 1 : 50.000
- 1 : 250.000

SK KaBIG No 26.4 Tahun 2021: Registered Base Map period 1999-2020
Date: 3 May 2021

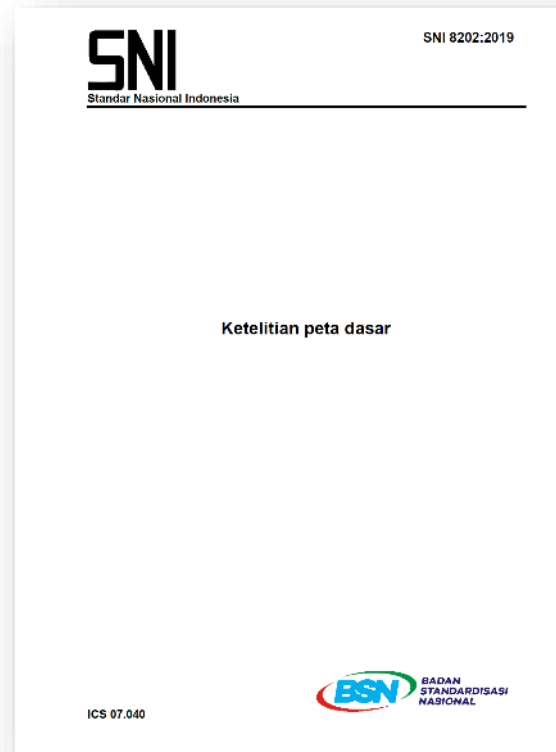
Availability of Large-scale Base Map 1:5.000
Available 40.126 km² (7.531 NLP) of 1.870.830 km² (2020)
< 3 % of total area of Indonesia
3.2 % of total non-forested area of Indonesia

STANDARDS

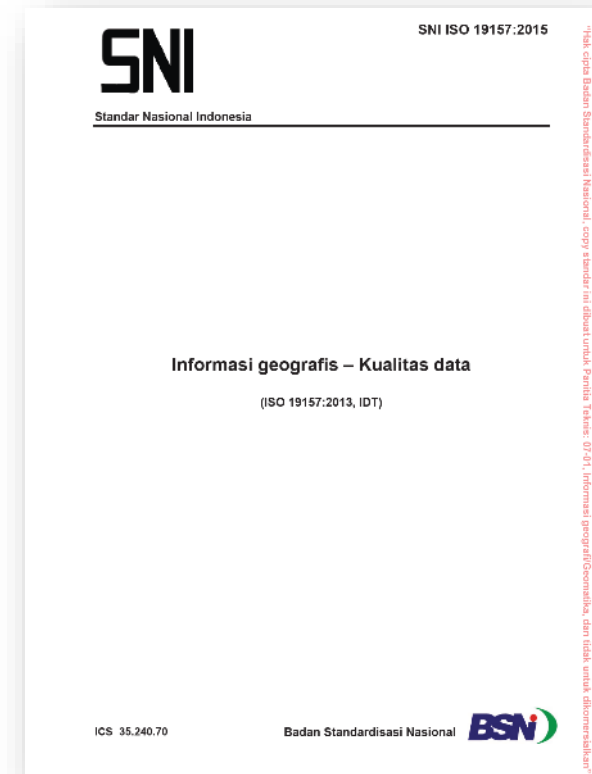
HIGHLIGHTS OF NSDI DEVELOPMENTS



Standards/Guidance published by BIG Regulation

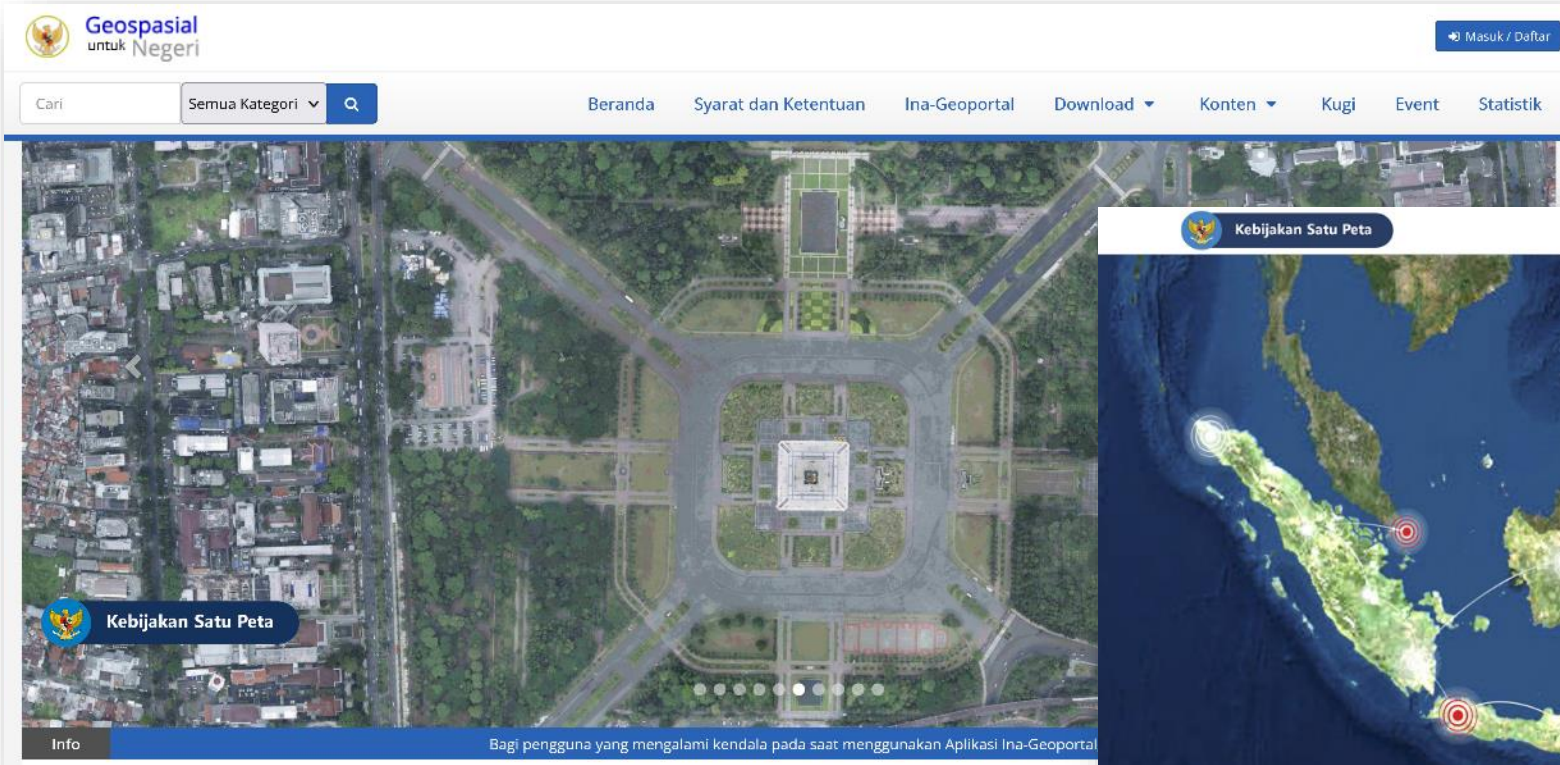


National Standards on Geospatial Information



Adoption of ISO Standards 19000 series for Geographic Information





National Geoportal



One Map Portal



EXPANDING PARTNERSHIPS...

24 MINISTRIES/AGENCIES OF ONE MAP POLICY IMPLEMENTATION

The grid contains the following logos from left to right, top to bottom:

- KEMENTERIAN KORDINATOR BIDANG PERKONOMIAN REPUBLIK INDONESIA
- BAPPENAS (Kementerian Perencanaan Pembangunan Nasional/Badan Perencanaan Pembangunan Nasional)
- KLHK (Kementerian Lingkungan Hidup dan Kehutanan)
- KEMENTERIAN PERTANIAN REPUBLIK INDONESIA
- BADAN INFORMASI GEOSPASIAL
- KEMENTERIAN PERDAGANGAN REPUBLIK INDONESIA
- BRIN (BADAN RISET DAN INOVASI NASIONAL)
- KOMINFO (Kementerian Komunikasi dan Informatika)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)
- BUMK (Badan Usaha Milik Negara)



Universities as Center of NSDI Development

MOVING FORWARD TO PROMOTE INNOVATION...



#1 53 7

BHUMANDALA AWARD 2023

Inovasi Pemanfaatan Informasi Geospasial

<https://bit.ly/IsianBhumandalaAward2023>
November 2023

Info:
Sekretariat Pusat Standardisasi dan Kelembagaan Informasi Geospasial
Dimas Bagus Septianto (0813 5954 4944)
Wisnu Pribadi (0822 8888 2489)

www.big.go.id badan informasi geospasial @infogeospasial



#1 **Peta Data Nusantara**

BerAKHLAK

ASEAN Geospatial Challenge 2024

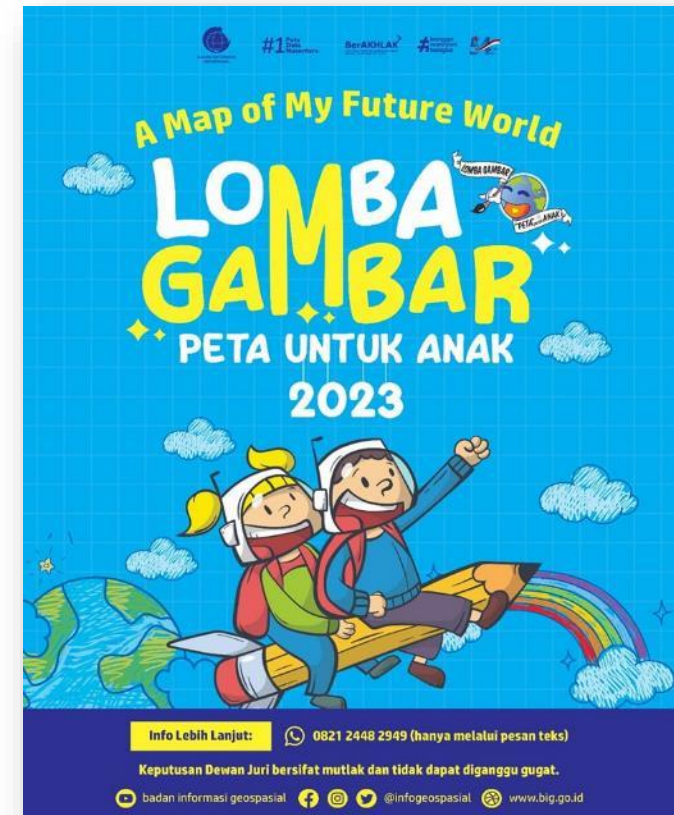
National Level : Indonesia

PENGUMUMAN PEMENANG

GajahITB

SeaBOT

www.big.go.id badan informasi geospasial @infogeospasial



#1

A Map of My Future World

LOMBA GAMBAR

PETA UNTUK ANAK 2023

Info Lebih Lanjut: 0821 2448 2949 (hanya melalui pesan teks)

Keputusan Dewan Juri bersifat mutlak dan tidak dapat diganggu gugat.

badan informasi geospasial @infogeospasial www.big.go.id



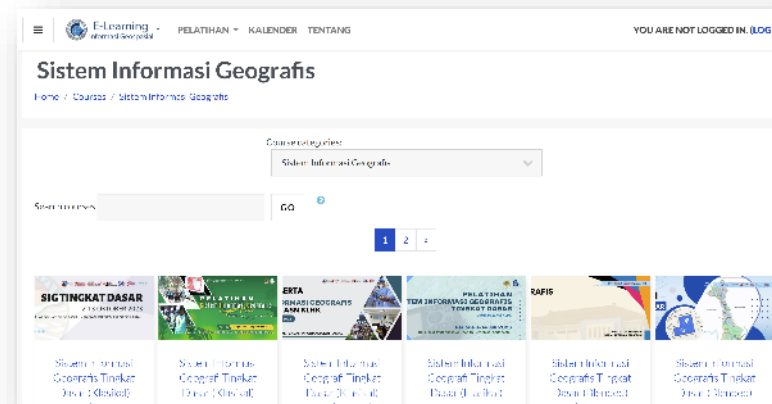
..AND INCREASING CAPACITY BUILDING



Capacity Building for Government Officers



Promoting GI awareness to youth & the disability



GIS E-Learning system



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**



THANK YOU!

