

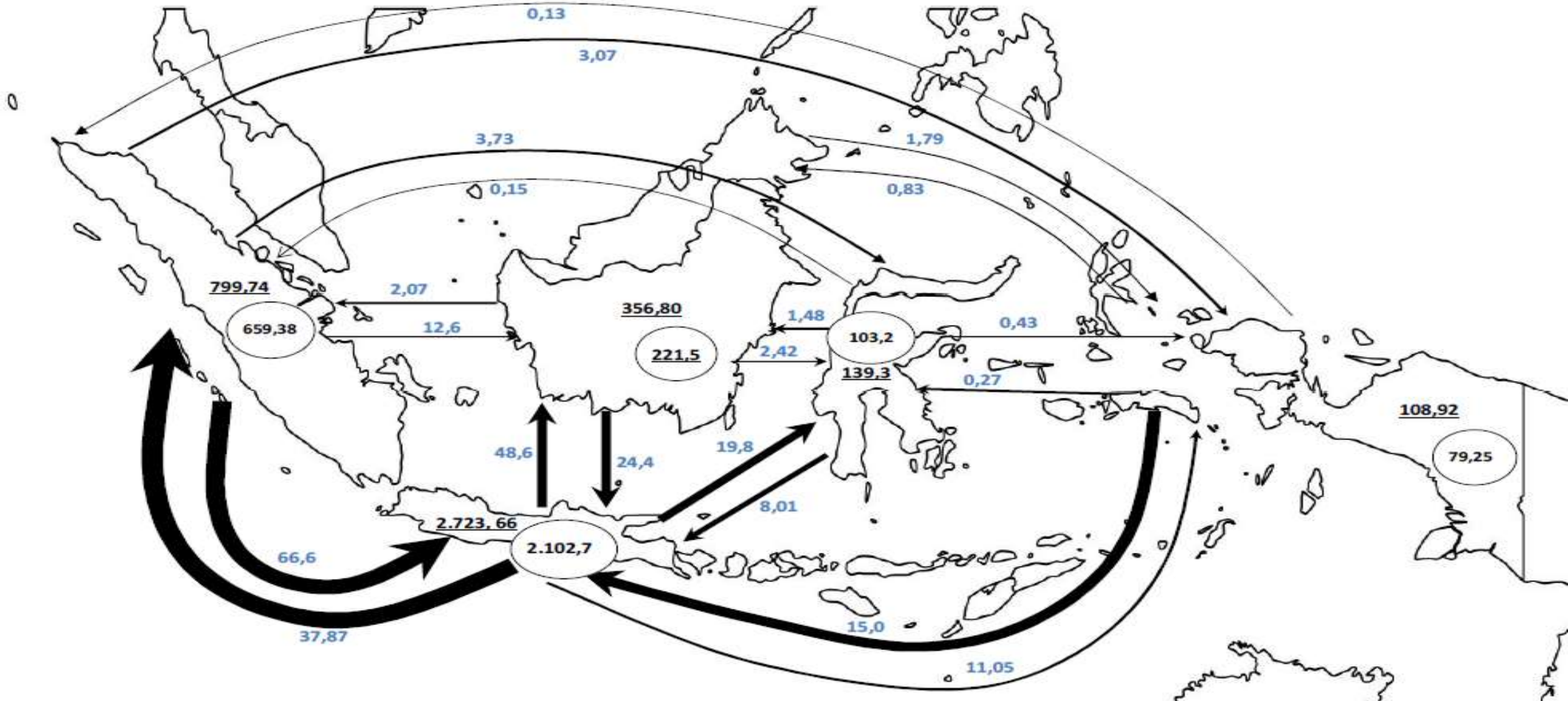
GEOSPATIAL INFORMATION FOR INDONESIA ECONOMIC DEVELOPMENT

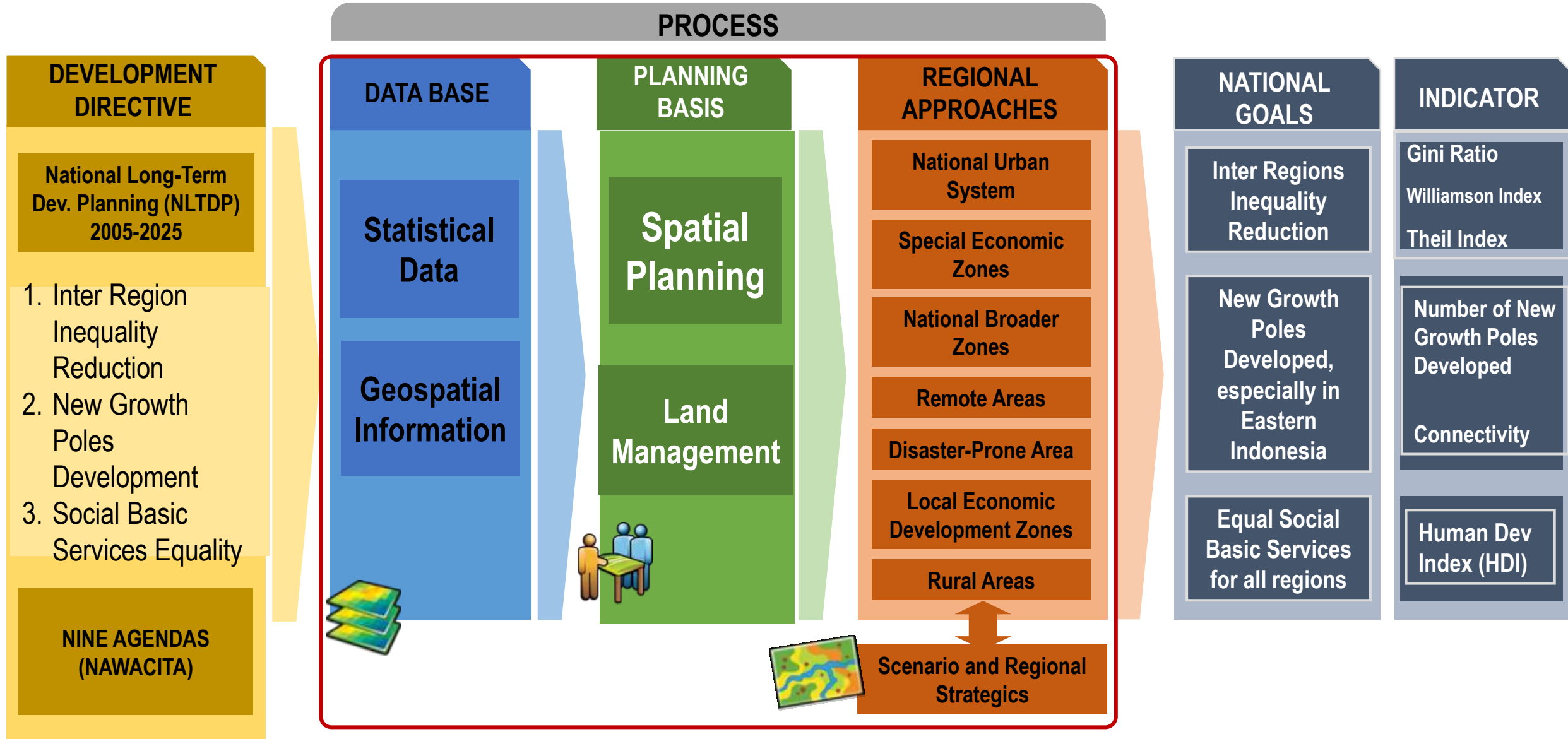
**DIRECTOR OF SPATIAL PLANNING AND LAND AFFAIRS
THE NATIONAL DEVELOPMENT PLANNING AGENCY OF THE REPUBLIC
OF INDONESIA (BAPPENAS)**

GEO SMART ASIA 2017

KUALA LUMPUR

INTER-REGION TRADE VALUE TRANSFERS IN 2010 (Trillion Rupiahs)





GEOSPATIAL DATA FOR NATIONAL DEVELOPMENT POLICIES

SPATIAL PLANNING

- To accelerate spatial planning regulations provision in every level, among others national, provincial, municipalities / districts, and city detailed spatial plan
- To improve spatial planning quality

LAND MANAGEMENT

- To develop positive land registry systems (Torrens)
- To conduct Agrarian Reforms (Land Reforms)

REQUIRED

- **Municipal/District Detail Spatial Planning** (scale 1:5.000)
 - Large Scale Topography Maps (1:5.000)
 - Thematic Maps
- **Cadastral Maps** (1:2.500; 1:5.000; 1:10.000)
- **Forest Boundaries Mapping in Cadastral Scale**

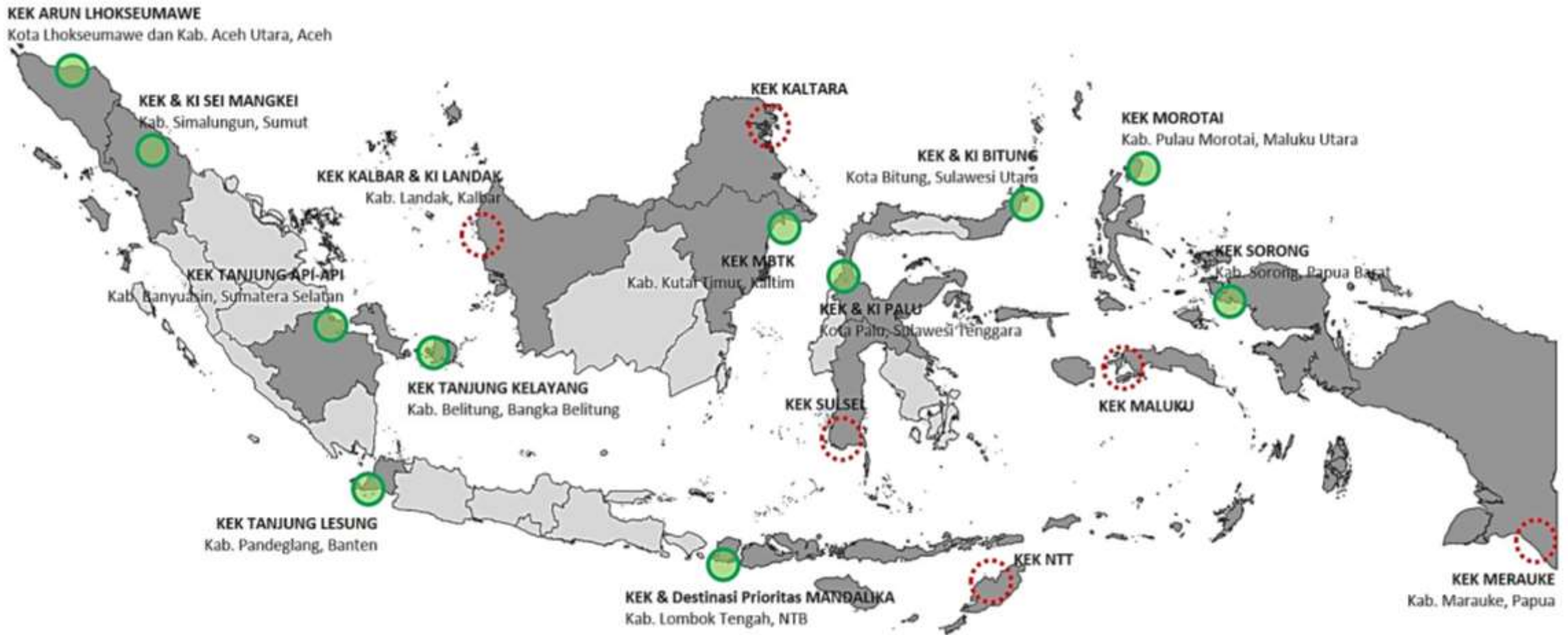
ISSUES, CHALLENGES, AND ACTION PLAN

SPATIAL PLANNING



1. ISSUES AND CHALLENGES

- Lack of large scale topographic maps of 1:5.000 for municipal and district detail spatial planning.
- Huge number of detail spatial planning to be developed in very short limited time frames

POLICY DEVELOPMENT OF SPECIAL ECONOMIC ZONES (KEK) IN NMTDP 2015-2019



Annotation:


-  Special Economic Zone Locations which have established in National Spatial Planning 2008-2028
-  Special economic zone new proposed indicative location based on NMTDP of 2015-2019

ISSUES, CHALLENGES, AND ACTION PLAN

SPATIAL PLANNING

2. ACTION PLAN

- To produce 1:5.000 scale of basic map for:
 - Regional Spatial Plan (RTRW), and Municipal and District Detail Spatial Planning (RDTR)
 - Thematic Maps



Covering wide and large areas

Municipal and District Detail Spatial Planning Status in Indonesia

Number of Municipal and District Detail Spatial Planning Have Been Issued	Backlog number of Municipal and District Detail Spatial Planning
34 (2%)	1.827 (98%)

ISSUES, CHALLENGES, AND ACTION PLAN

LAND MANAGEMENT

1. ISSUES AND CHALLENGES

- Cadastral map only available on very few areas compare to the total national land areas (non-forest area)
- The total number of certificate has been issued are much more fewer than the actual number of total parcels
- There is certainty issue on forest boundaries area regarding the different scale applied on both maps of forestry and cadastral (forestry 1:100.000; cadastral 1:2.500)
- Huge number of certificate has been mandated under agrarian reform program, 9 million hectares of land should be delivered to landless and poor farmers.

CADASTRAL BASIC MAP COVERAGE

NATIONAL LAND AREAS
189.073.900 Ha

NON-FOREST AREAS
64.324.754 Ha

Mapped to Cadastral Maps
29.379.816 Ha (45,67%)

FOREST AREAS
124.749.146 Ha

Mapped to Cadastral Maps
10.782.193 Ha

ISSUES, CHALLENGES, AND ACTION PLAN

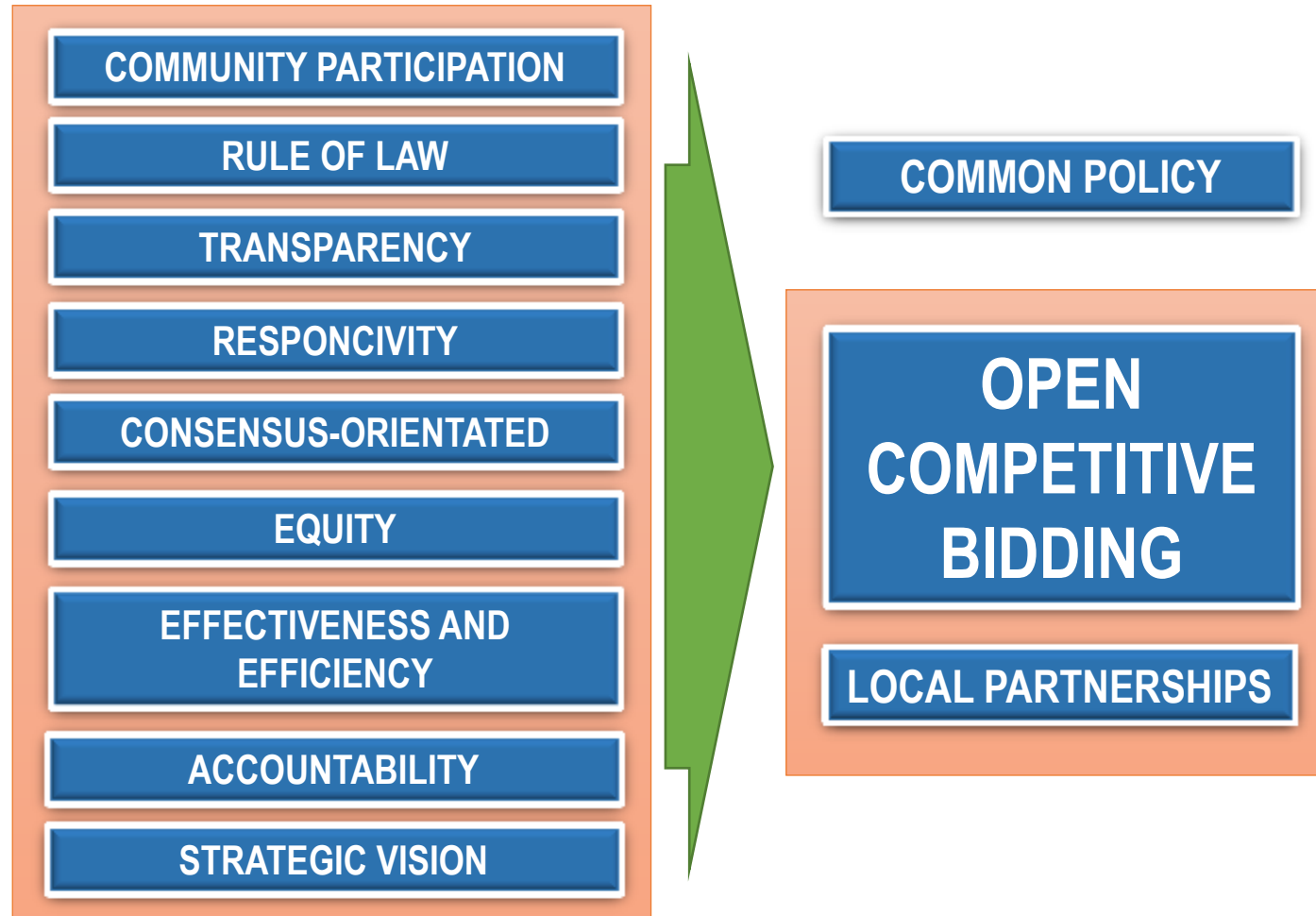
LAND MANAGEMENT

2. ACTION PLAN

- To accelerate coverage number of cadastral map and land certified parcels
- Forest Boundaries Mapping on 1:5.000 scale of cadastral map integrated with land registration system

Total cadastral map to be developed	34.944.938 Ha (54,33%)
Total length of Forest Boundaries to be re-mapped in Cadastral scale (1:5.000) Integrated with Land Registration System	189.056,6 km

Good Governance Principles



THANK YOU

TERIMA KASIH

ADDRESSES

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