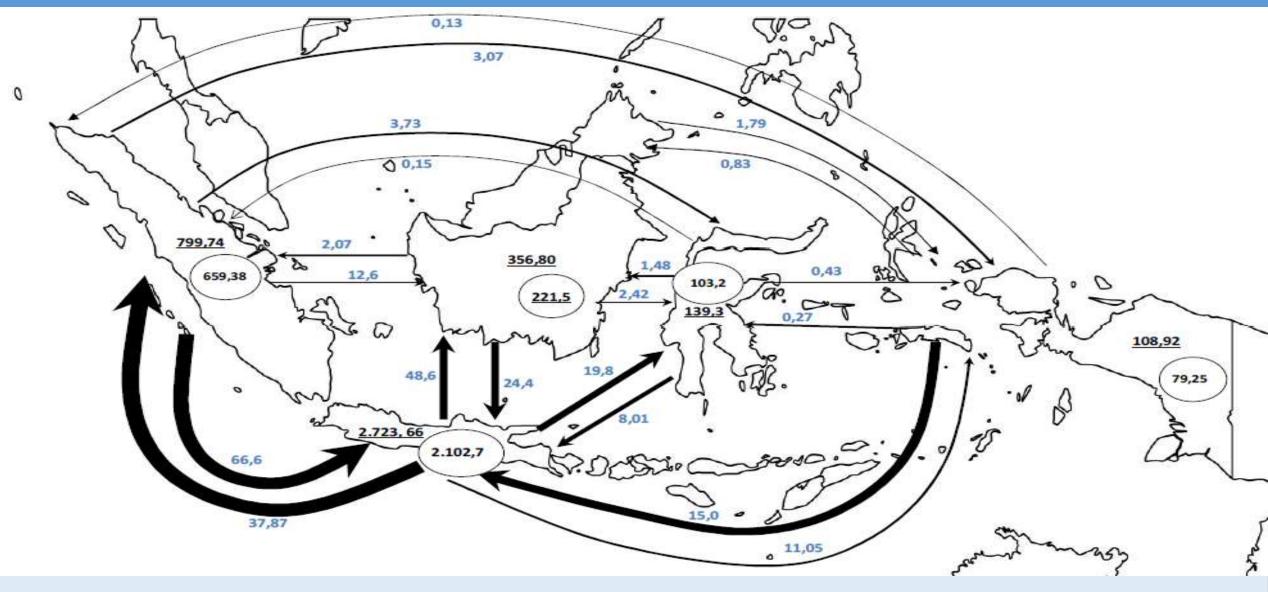
GEOSPATIAL INFORMATION FOR INDONESIA ECONOMIC DEVELOPMENT

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)



Source: the National Development Planning Agency and Central Bureau of Statistics.



LOGICAL FRAMEWORKS ON REGIONAL AND INCOME INEQUALITY REDUCTION IN NATIONAL MIDTERM DEVELOPMENT PLANNING 2015-2019



PROCESS DEVELOPMENT PLANNING REGIONAL NATIONAL DATA BASE **INDICATOR** DIRECTIVE BASIS **APPROACHES** GOALS Gini Ratio **National Urban Inter Regions National Long-Term System** Williamson Index Inequality **Dev. Planning (NLTDP)** Spatial **Statistical** 2005-2025 Reduction **Theil Index Special Economic** Data Planning Zones 1. Inter Region **New Growth** Number of New **National Broader** Poles Inequality **Growth Poles** Zones Developed, Reduction Developed Geospatial especially in **Remote Areas** 2. New Growth Land Eastern Information Connectivity Poles Management **Disaster-Prone Area** Indonesia Development Local Economic 3. Social Basic **Equal Social Development Zones** Human Dev **Basic Services** Services Equality Index (HDI) **Rural Areas** for all regions **NINE AGENDAS Scenario and Regional** (NAWACITA)

Desentralisation and Regional Autonomy

Strategics

GEOSPATIAL DATA FOR NATIONAL DEVELOPMENT POLICIES

SPATIAL PLANNING

LAND

MANAGEMENT

- 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

 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

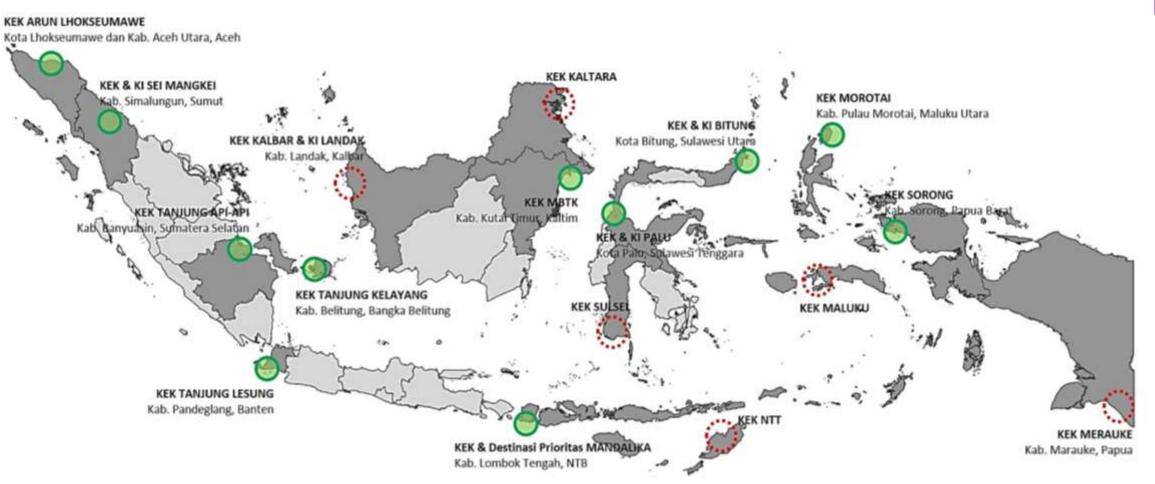
SPATIAL PLANNING

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

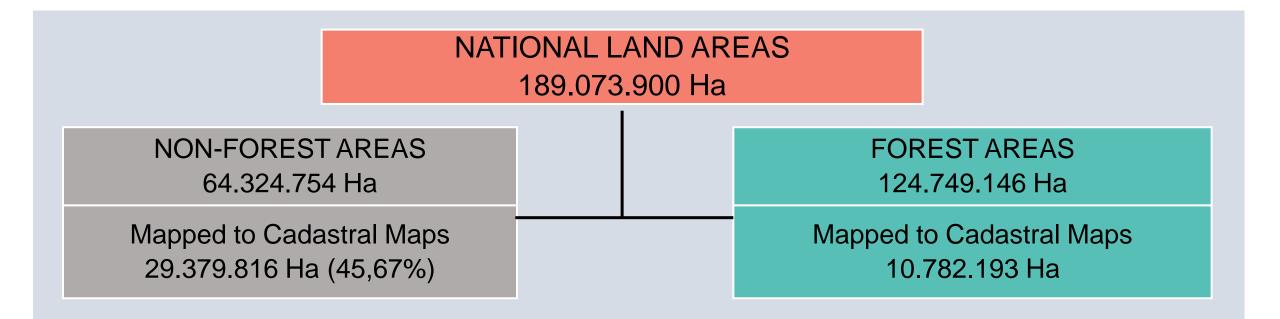
Number of Municipal and District Detail Spatial	Backlog number of
Planning Have Been Issued	Municipal and District Detail Spatial Planning
34 (2%)	1.827 (98%)

LAND MANAGEMENT

1. ISSUES AND CHALLENGES

- Cadastral map only availabel 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



ISSUES, CHALLENGES, AND ACTION PLAN

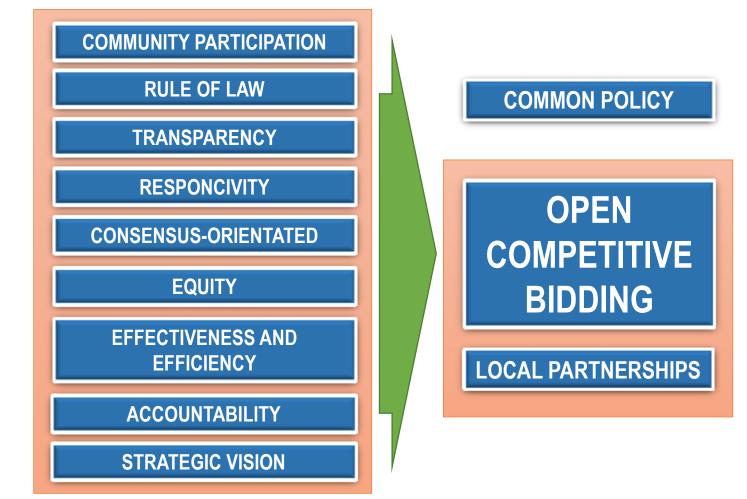
LAND MANAGEMENT

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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