



# Working Group 2: Cadastre and Land Management

## Work Plan 2020-2021

9<sup>th</sup> Plenary Meeting

November 3, 2020



UN-GGIM-AP

Regional Committee of United Nations  
Global Geospatial Information Management  
for Asia and the Pacific

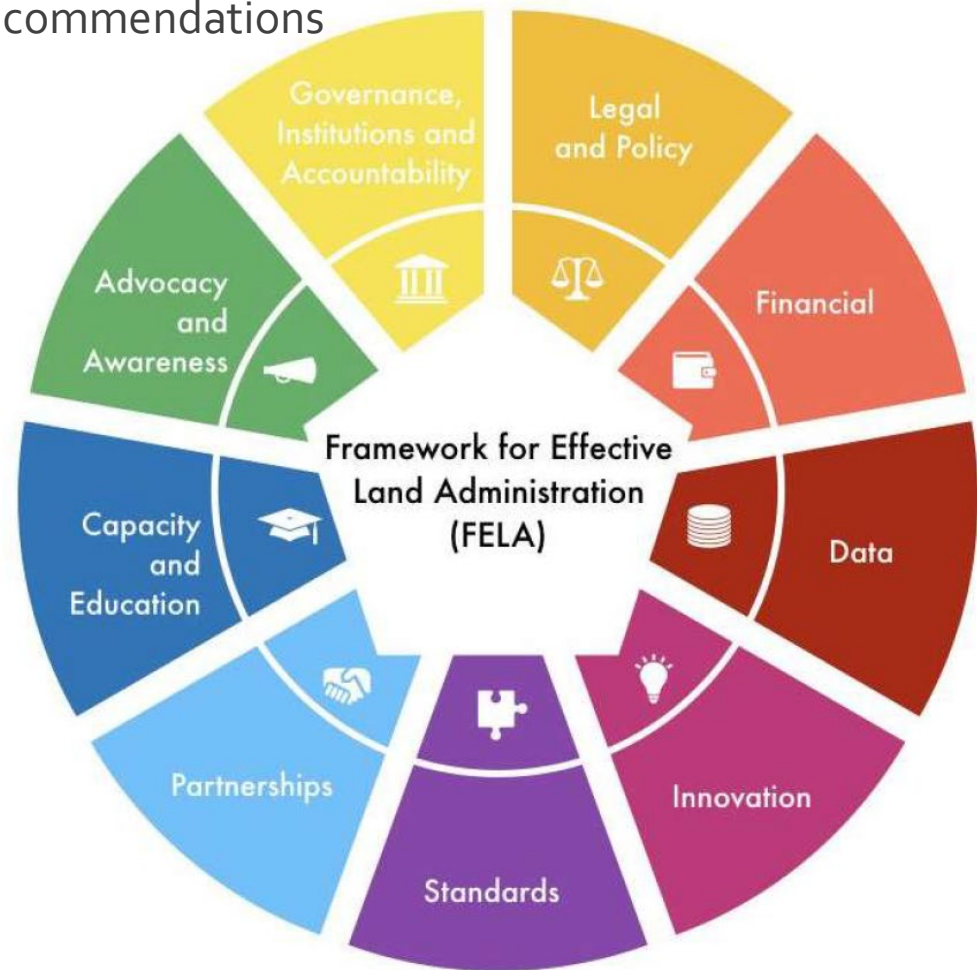
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# Framework for Effective Land Administration (FELA)

- Global consultation, 2019~2020
- Reflection of AP region's views and recommendations

## Framework for Effective Land Administration

A reference for developing, reforming, renewing, strengthening or modernizing land administration and management systems



Expert Group on Land Administration and Management

United Nations Committee of Experts on Global Geospatial Information Management (UN-GGIM)  
December 2019

# UN-GGIM-AP Meetings Highlights in 2020

- **Webinar on Covid-19**

- May 15, 2020, MS Teams Meeting
- Highlight good practices and lessons learned from countries in the Asia Pacific region
- Strengthen collaboration to mitigate potential health risks using geospatial information

- **Executive Board Meeting**

- July 3, 2020, MS Teams Meeting
- Briefings on Actions and Plans of the Working Group
- Preparation for the Committee of Experts and 9th Plenary Meeting
- Proposal of a Asia-Pacific Geospatial Information Platform

- **Regional Workshop for the Asia-Pacific Geospatial Information Platform**

- October 16, 2020, Teleconference
- The need for a Geospatial Information Platform and a Service Center in the Region
- Supporting Presentations and Statements from Member Countries



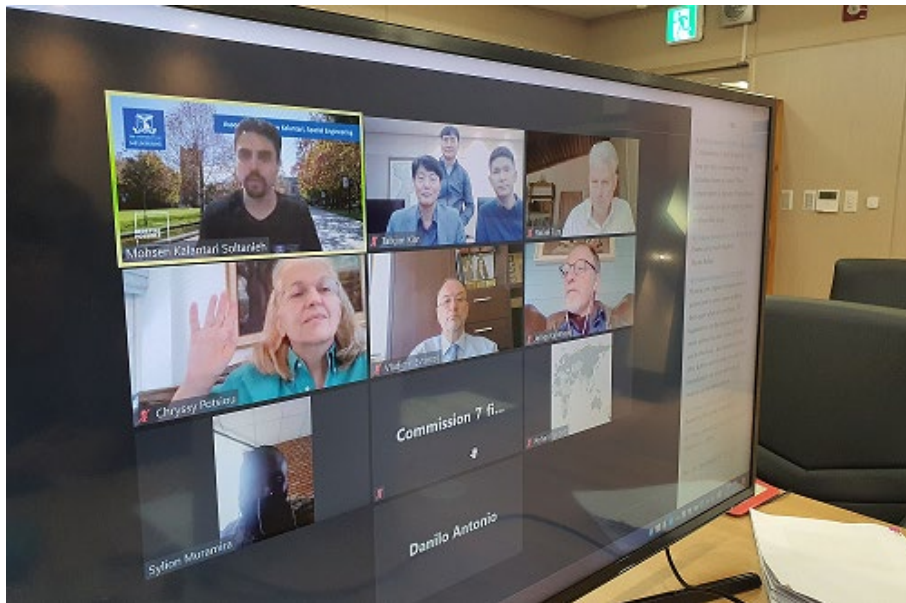
# World Bank Innovation Week

- Washington DC, February 2020
- Promoting Smart City Service Agenda
- Latest land administration technology



# Cooperation with FIG Commission 7

- Seeking current status and development direction of land administration
- Reviewing the impacts of disruptive technologies our community is facing
- Participating in the Annual Meeting, October 21, 2020

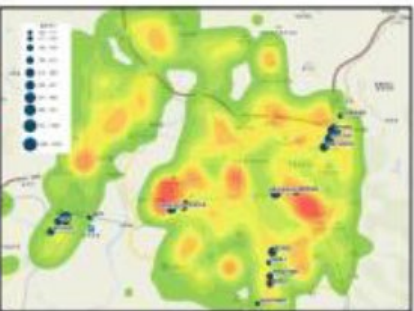


# Plan 1. Addressing New Trends in Land Management

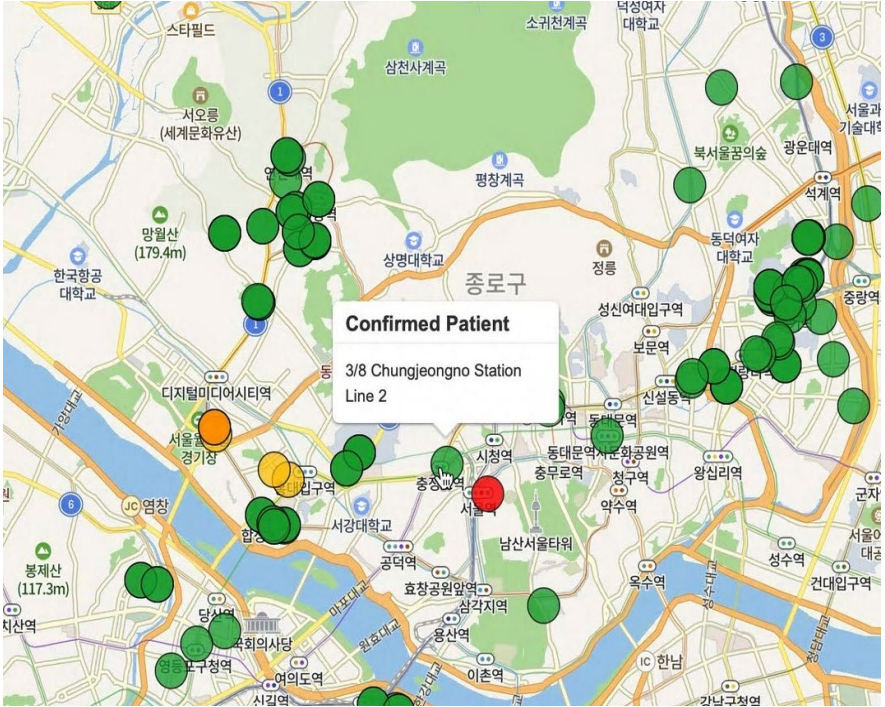
- Various technological advances including Artificial Intelligence(AI), digital sensing and data analysis that can be applied in the land management
- Exploring potential areas of collaboration with FIG



Distribution of Candidate Areas for CCTV Installation



Regional Distribution of Traffic-Vulnerable Residence



Covid-19 Response



## Plan 2. Devising Capacity Building Tools

- Introducing capacity building tools and implementing them in target countries
- Capacity and Education pathways set out in the IGIF and the FELA
- Leveraging new innovative training centers



# Plan 3. Establishing a Geospatial Information Service Center

- Utilizing regional geospatial information
- Standardizing spatial information solutions for delivering geospatial services globally
- Regional Workshop on October 16, 2020



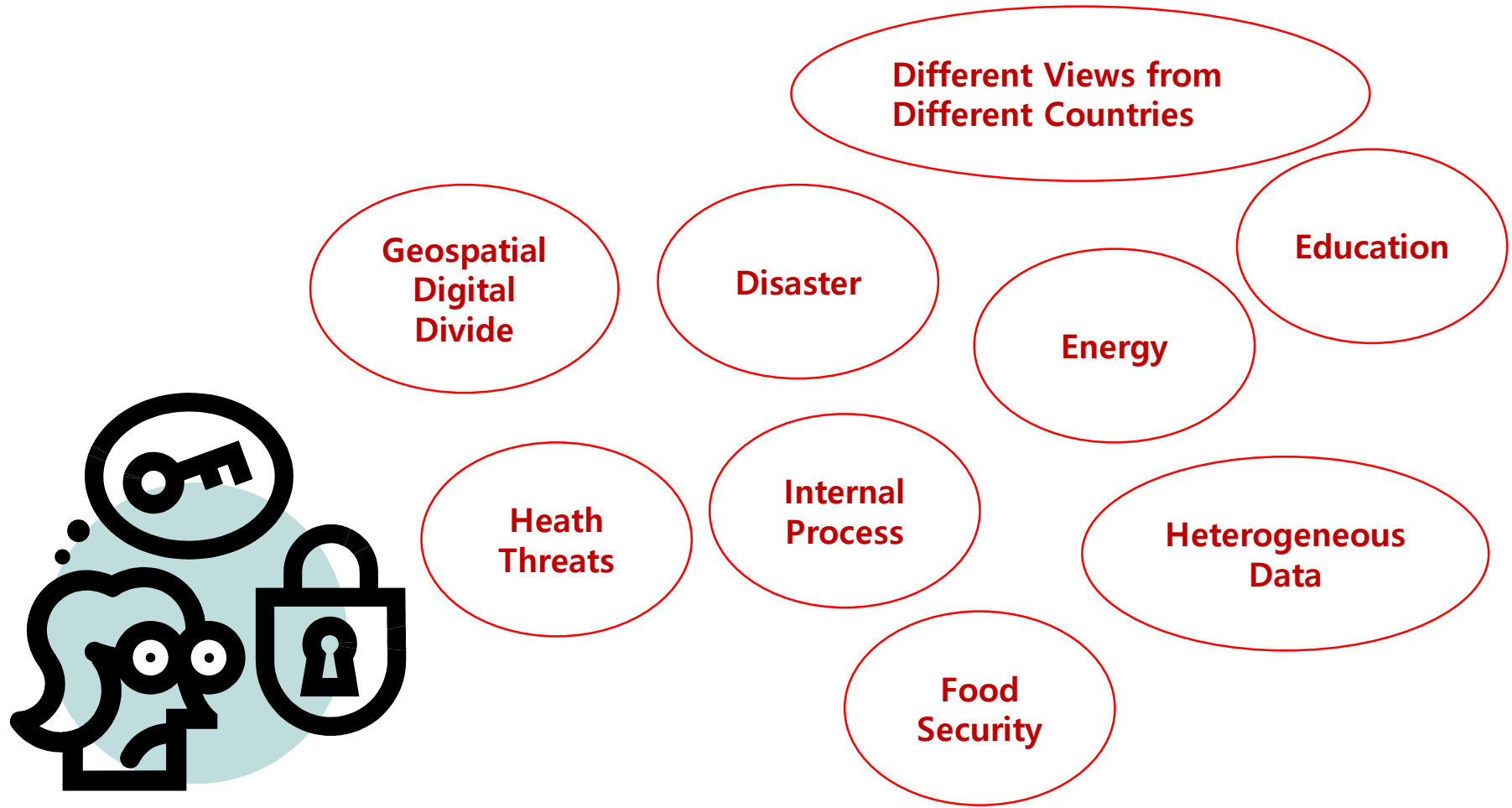
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## ■ The Complexity of the Challenges



Simply cannot solve the all the problems alone

# UN-GGIM Global Regional Platforms

UN-GGIM Europe - EU

INSPIRE

UN-GGIM Arab States

Geoportal

UN-GGIM Asia-Pacific

?

UN-GGIM Africa

Price Watch Center

UN-GGIM Americas  
SDI Interactive Dashboard



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# UN-GGIM Regional Platforms

## [UN-GGIM Americas]: SDI Interactive Dashboard



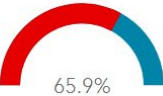
### SDI INTERACTIVE DASHBOARD

Survey UN-GGIM Americas 2020: Workgroup Regional SDI

Select Country All

Regional SDI indicator: Final Score  
Regional SDI indicator: Percentage of development

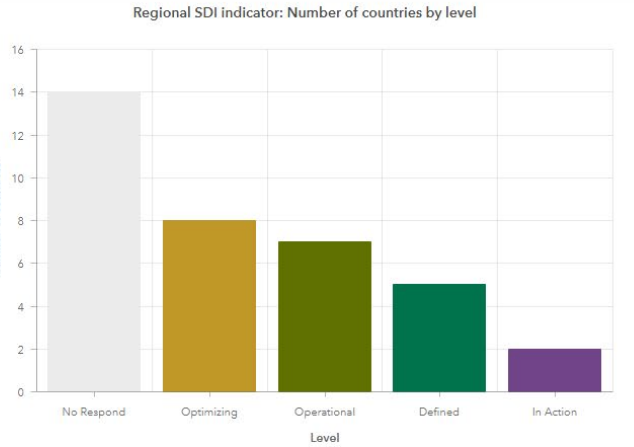
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Antigua and Barbuda

UNGGIM Result SDI

- Optimizing
- Operational
- Defined
- In Action
- No Respond



1- El actual Grupo de Trabajo sobre Infraestructura de Datos Geospaciales es liderado por Chile a través del SNIT-IDE del Ministerio de Bienes Nacionales y su objetivo general es coordinar las acciones relacionadas con la implementación, desarrollo y promoción de las Infraestructuras de Datos Geospaciales (IDE) de los Estados Miembros de UN-GGIM: Américas.

2- El panel interactivo es una herramienta que permite a los usuarios visualizar a través de una vista geográfica, el desempeño de los Estados Miembros en función de indicadores que muestran el estado de implementación y progreso de las Infraestructuras Nacionales de Datos Geospaciales en las Américas. Esta plataforma, no solo nos permite visualizar y monitorear el nivel de desarrollo de IDE de manera general, sino que también nos permite observar los resultados de la implementación de IDE para los siguientes componentes: aspectos institucionales, recursos humanos, información geográfica y estándares y tecnología.

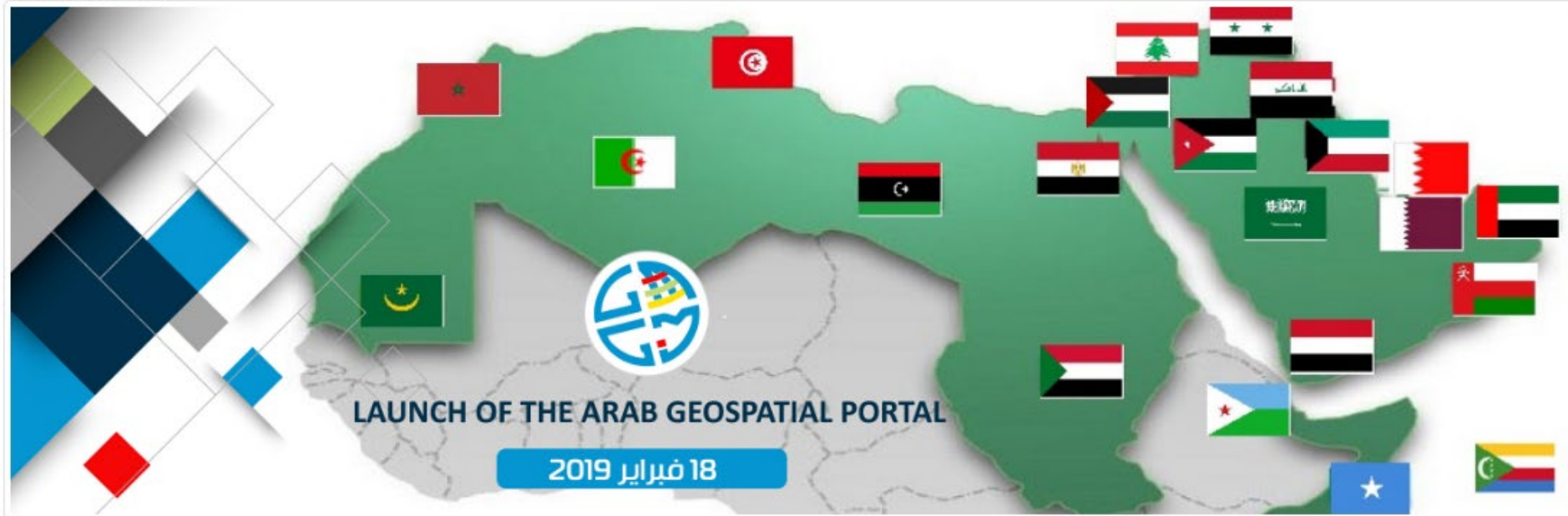
Contar con esta información, permite comprender las brechas que tienen los países de la región en la producción y uso de información geoespacial y, a su vez, permite focalizar los componentes que requieren más asistencia para abordar el desarrollo regional en estas materias.

# UN-GGIM Regional Platforms

## [UN-GGIM Arab States]: Geoportal

## Launch of the Arab Geospatial Portal

February 18, 2019



UN-GGIM Arab states Committee will, through the sixth meeting, launch the Arab Geospatial Portal in the Kingdom of Saudi Arabia - Jeddah - February 2019.

For more details please use the link to the geoportal: <http://geoportal.un-ggim-as.org>

# UN-GGIM Regional Platforms

## [Europe]: INSPIRE

About | Contact | Legal Notice English (en) ▾

### INSPIRE GEOPORTAL

#### Enhancing access to European spatial data

European Commission > INSPIRE > Geoportal > Download details

Home | Priority Data Sets Viewer | INSPIRE Thematic Viewer | Harvesting status | Find out more about ▾

#### Railway Transport Network

Download Options ▾  
**View Options ▾**

Simple Viewer	Layer title	Layer name	CRS	Desktop Tool ⓘ	Service metadata
<b>Preview Data Set</b> ⚠	Railway Link	railwaylink	EPSG:3857	Google Earth	
<b>Preview Data Set</b> ⚠	Railway Station Node	railwaystationnode	EPSG:3857	Google Earth	

Railway Link (railwaylink) ✕  
you might need to zoom-in to see the information

NGI INSPIRE View Service Close

Leaflet | Credits: © OpenStreetMap contributors | EC-GISCO, © EuroGeographics for the administrative boundaries (disclaimer)

NGI INSPIRE View Service  
**Resource Abstract**  
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**Responsible Party**

# Next Steps for UN-GGIM-AP

- **UN-GGIM-AP Statutes**

## **Article 5 Objectives**

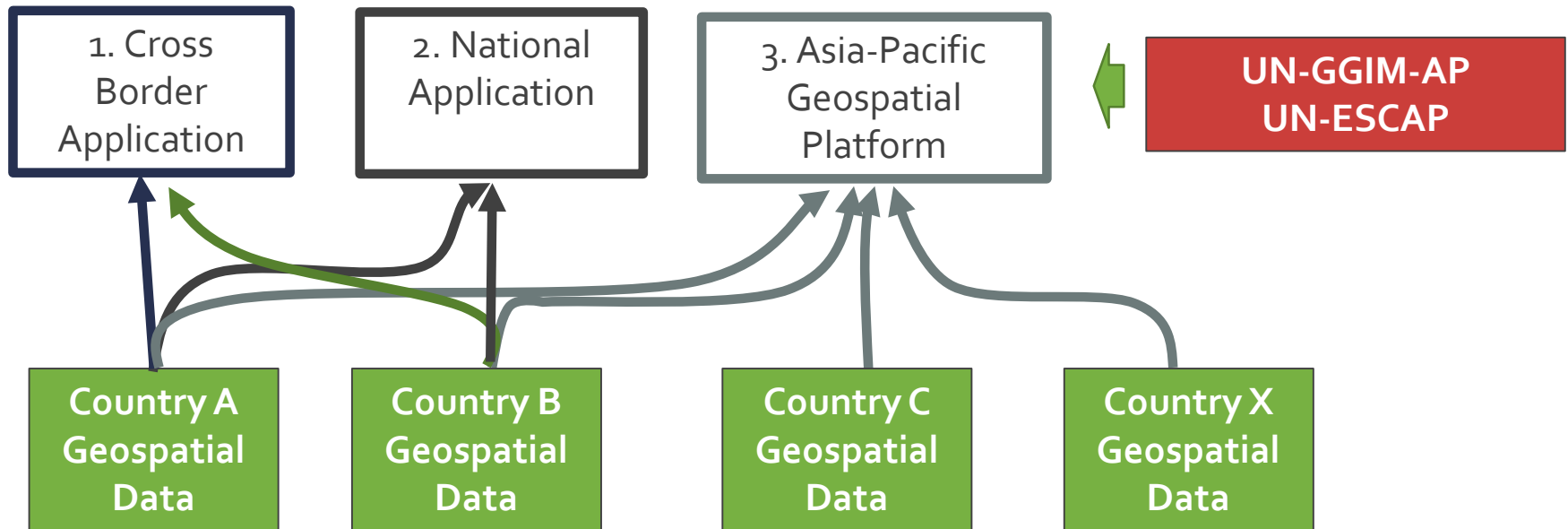
The Committee shall endeavor to achieve the following objectives in the context of regional geospatial information management:

- To foster and facilitate timely use and sharing of geospatial information among member countries for regional and global issues including disaster management.

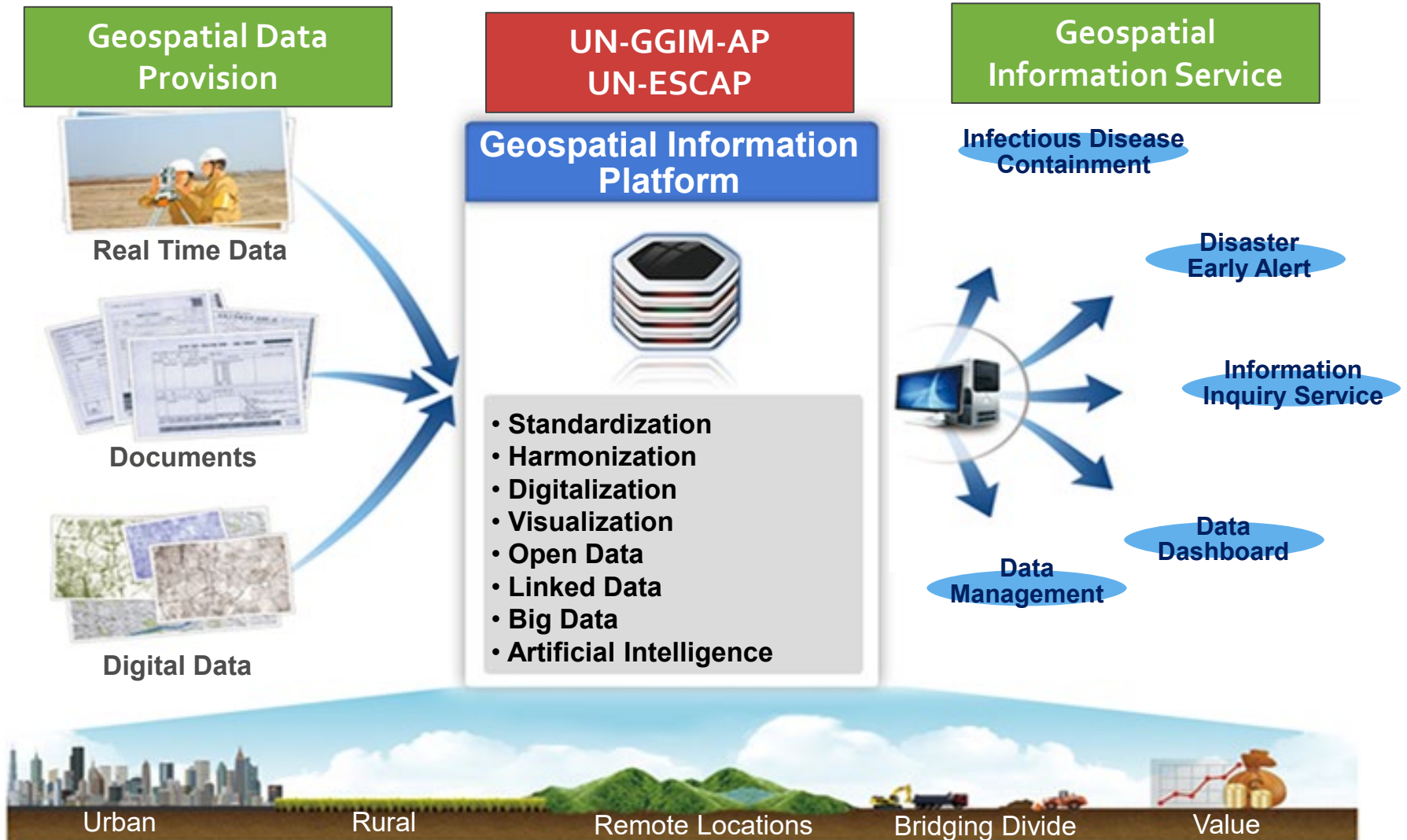
# Next Steps for UN-GGIM-AP

## ■ Asia-Pacific Geo Collaboration Stages

1. Cross-border application of 2 countries that combine data
2. Sharing and application of data between countries
3. An geospatial platform that provides cross-Asia-Pacific geospatial data



# Need for a Harmonized Regional Geospatial Service Center







**Thank you very much**

**Working Group 2  
Cadastre and Land Management**



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