

Global Program on Land for Climate Goals

September 24-26, 2024

GEOWEEK

Geoinformation Week,
LADM, FIG Commission
5 and Commission 7,
UN Habitat STD M

Kuching, Malaysia

Dr. Mika - Petteri Törhönen
Global Lead on Land

70% to Live in Cities by 2050



Globe's population will reach 8.5 billion by 2030.

80% will live in Africa or Asia by 2100.

50% of us live in urban areas today.

By 2050, 70%, 6.3 billion, will live in cities.

Latin America will reach 79% urbanization rate.

Unwanted Land Conversion



Agriculture to grow by 20%, and 55% in Africa, by 2030.

Agricultural expansion converts **forests to farmlands**.

Urbanization turns **farmlands to urban settlements**.

Climate change and economic shifts cause migration.

Wealth lessens household sizes, housing demand rises.

Infrastructure Gap; \$1.5 trillion every year until 2030



675 million need electricity

2.3 billion need drinking water

3.6 billion need safe sanitation

1 billion need access to road

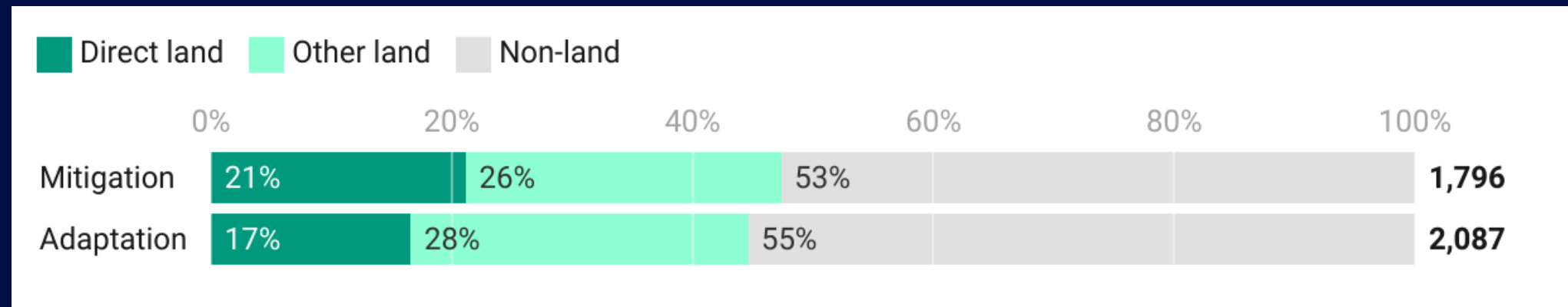
450 million live without broadband signal

4.5% of the GDP in low/middle - income countries annually.

Land is critical for meeting the Paris Goals

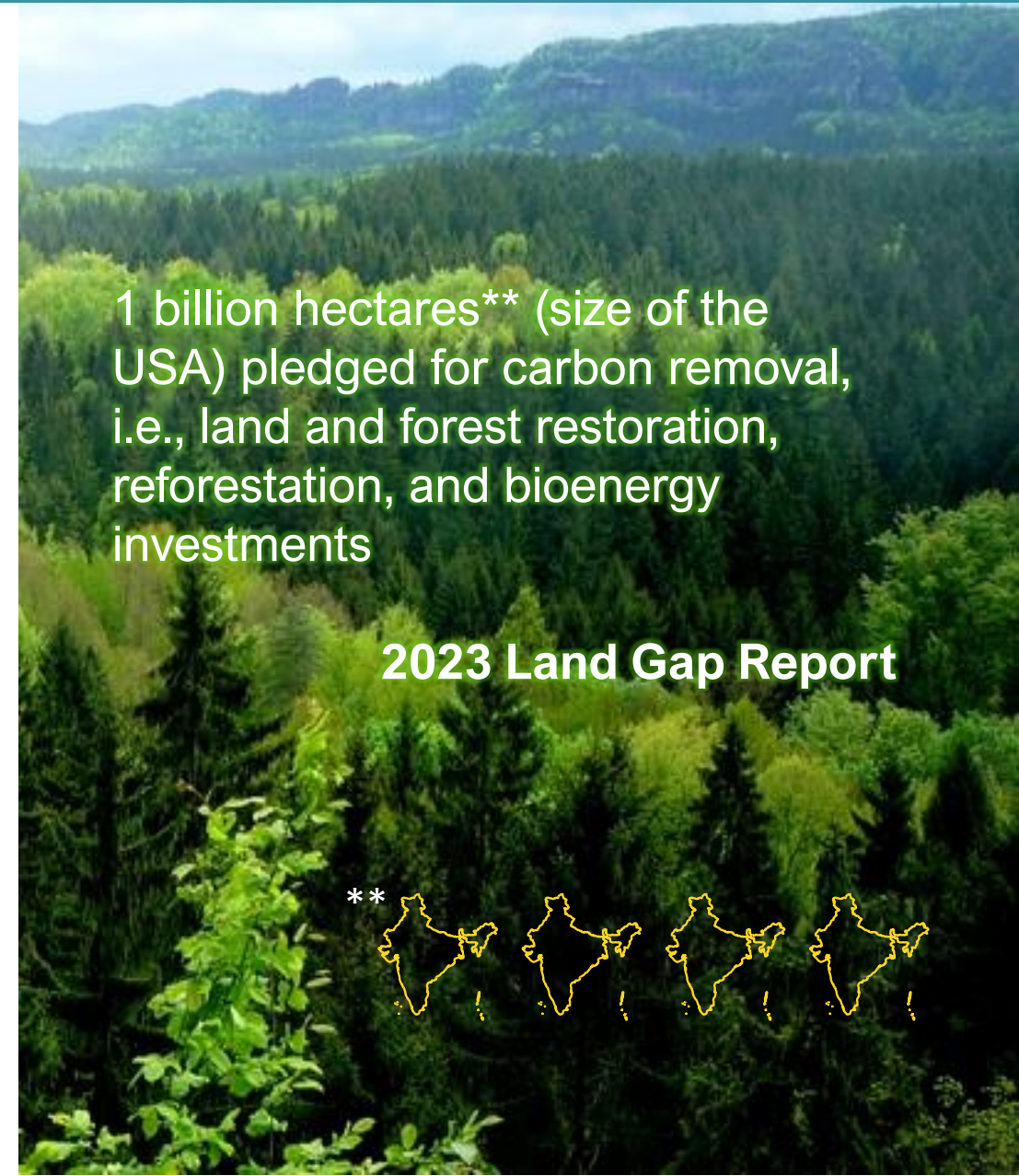
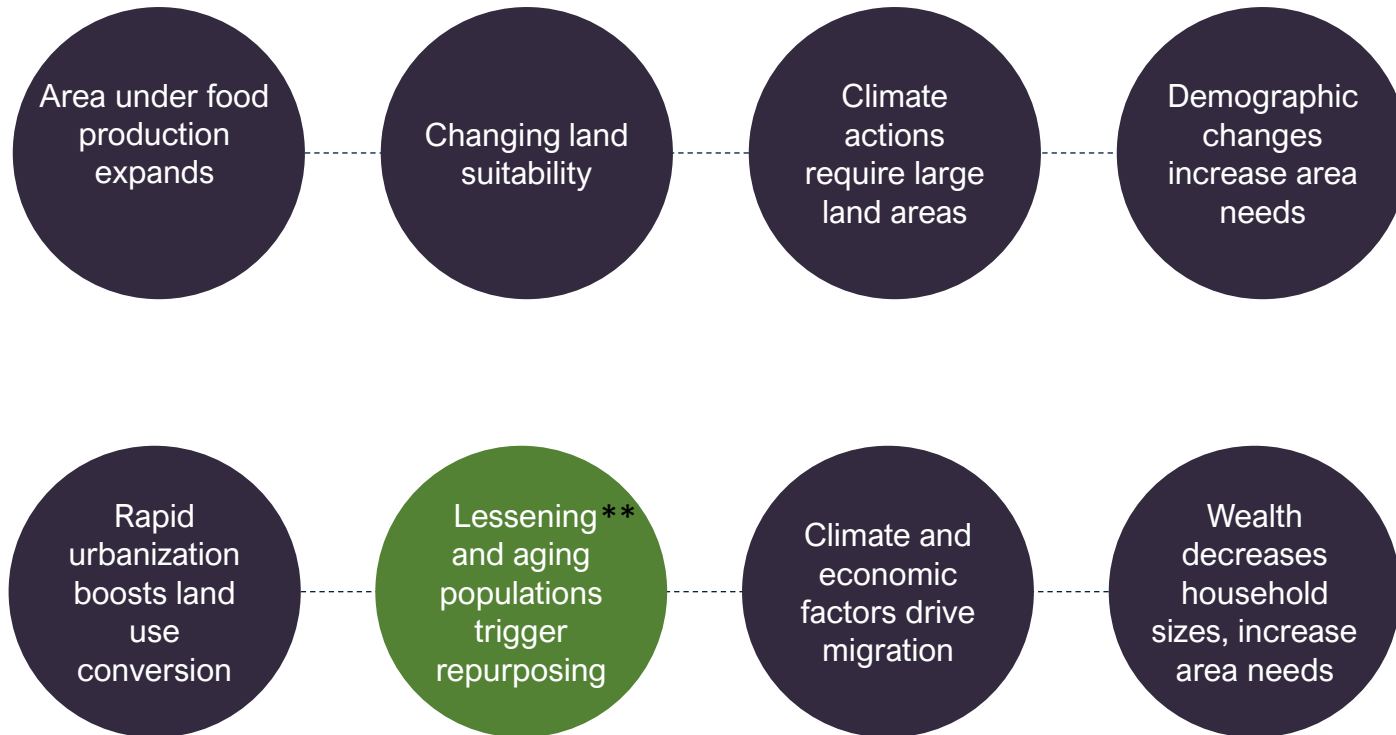


Almost 1 in 2 climate actions relates to land



75% of climate land needs relate to
Forestry, Energy, Transport, Environment, Agriculture, and Waste

Demand for Land



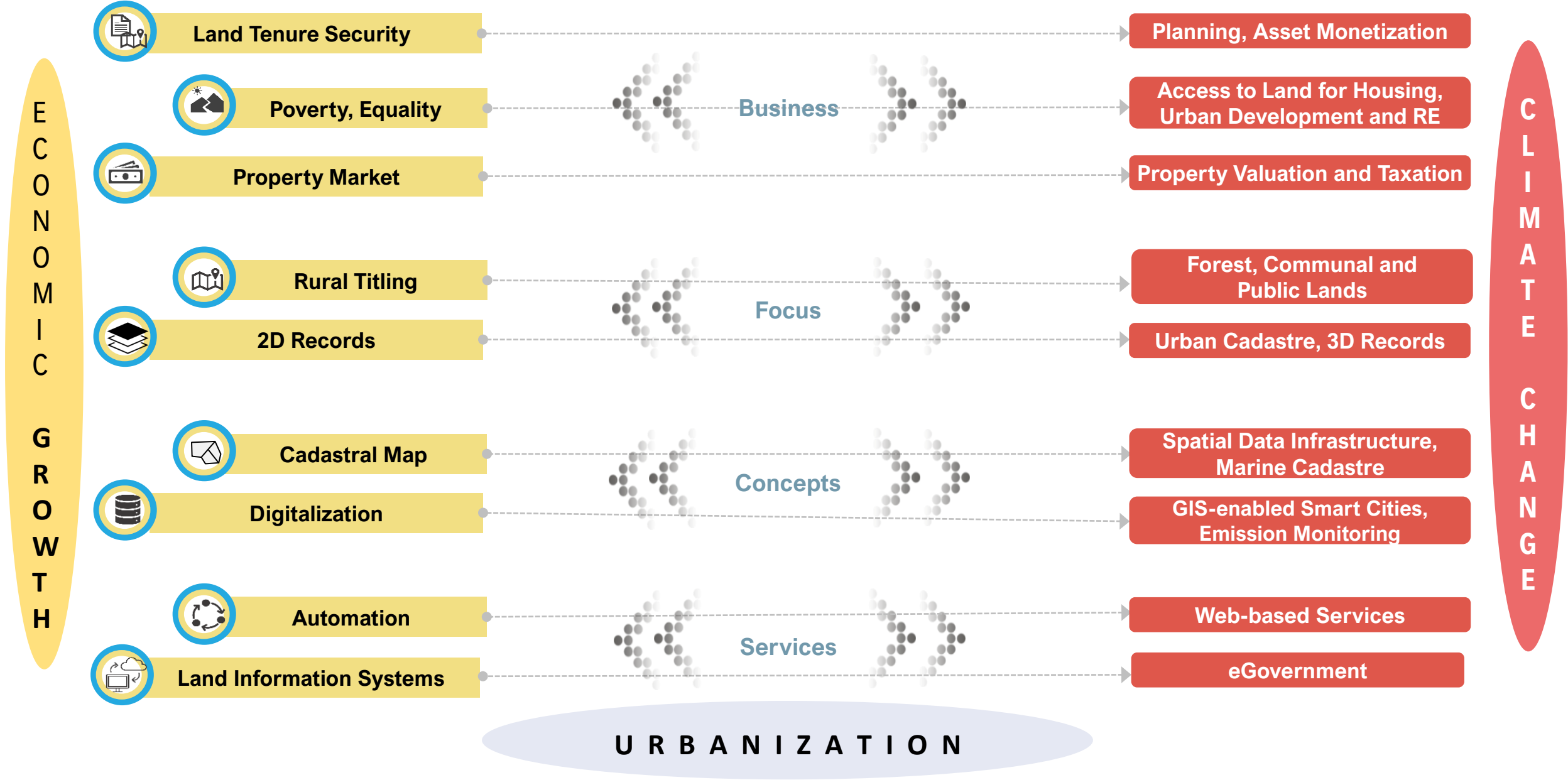
1 billion hectares** (size of the USA) pledged for carbon removal, i.e., land and forest restoration, reforestation, and bioenergy investments

2023 Land Gap Report



** Japan's population has declined since 2010.

The World Bank's Land Agenda



Global Portfolio May 2024



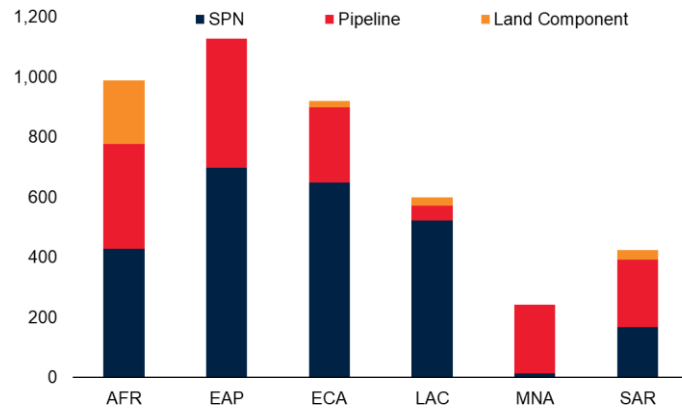
Operations

53 land lending projects, targets and components of US\$ 4.3 billion

Region	Volume (US\$ million)	Number
AFR	1,111.5	18
EAP	1,292.2	5
ECA	585.7	11
LAC	800.2	10
MNA	75.1	3
SAR	424.9	6
Total	4,289.6	53

* Including SPN, Pipeline and Land Component

Project Volume (US\$ million)



Project Theme (count)



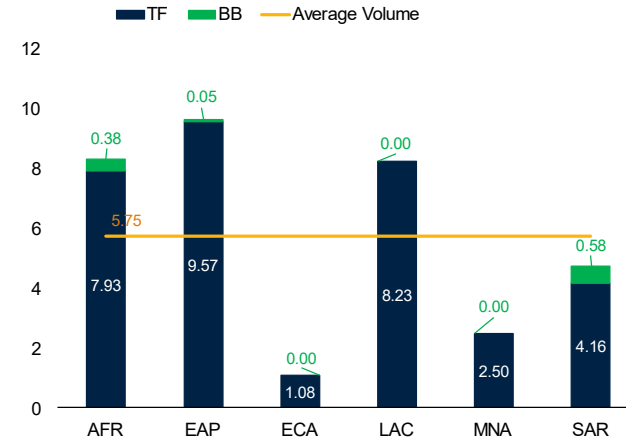
Today (Lending)

Tenure, farmers, digitalization, SDI, equality, gender, trading

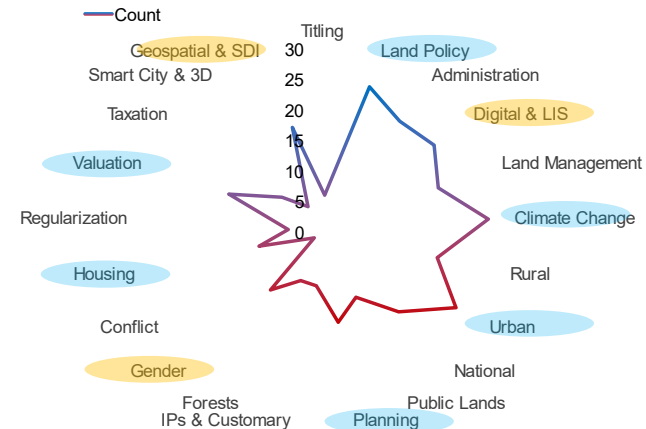
ASAs

38 land ASAs of US\$ 36.7 million

ASAs Volume (US\$ million)



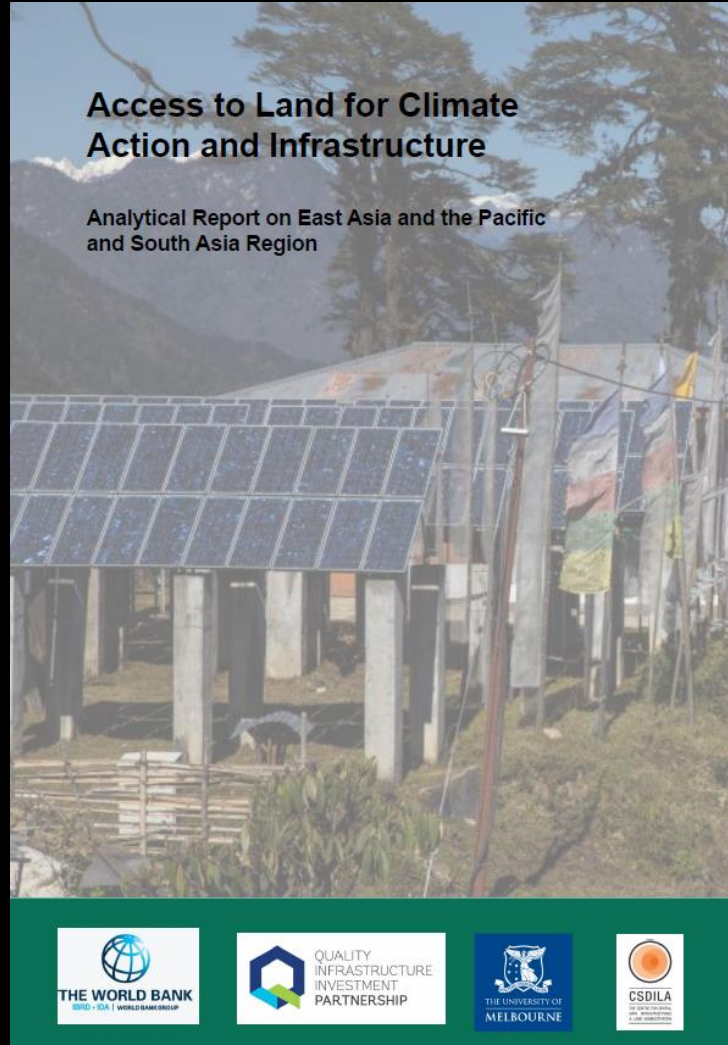
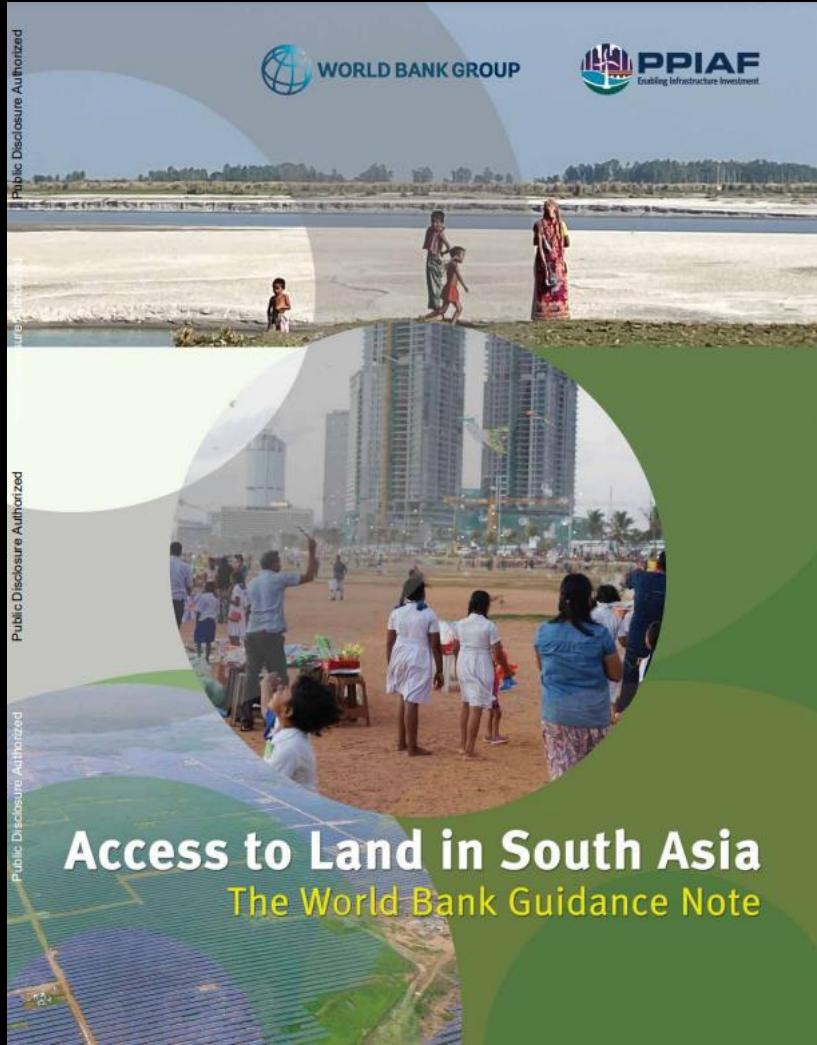
Project Theme (count)



Future (ASAs)

Climate, urban revenues, assets, value, LIS/SDI, land management

Region	Volume (US\$ million)	Number
AFR	8.3	6
EAP	9.6	12
ECA	1.1	4
LAC	8.2	3
MNA	2.5	1
SAR	7.0	12
Total	36.7	38



[Access to Land in SAR \(pdf\)](#)



EVENTS

World Bank Land Conference 2024: Securing Land Tenure and Access for Climate Action

May 13-17, 2024

Washington, DC



CONFERENCE DETAILS

DATE: May 13-17, 2024

VENUE: 1818 H Street, NW Washington, DC 20433

SPONSORSHIP & BOOTH EXHIBITION: Contact Land Conference Team

CONTACT: landconf@worldbank.org

DEADLINE FOR GENERAL ATTENDEE

REGISTRATION: March 15, 2024

[EVENT PLATFORM](#)

RELATED

WORLD BANK

[Land and Poverty Conference 2019](#)

May 2024



Guangzhe Chen @Guangzhe... · 14/5/24 ...

The @WorldBank is committed to scaling up land sector investments through our new Global Program. Over the next 5 years, we aim to improve tenure security for 100M people, develop climate-smart land use plans, and enhance land administration for climate goals.



1 5 157

August 2024



Guangzhe Chen @Guangzh... · 30/8/24 ...

Scaling up investments in land tenure and administration is critical to closing the global infrastructure gap and for equitably tackling climate change. Learn more about what we are doing to address these challenges in my latest blog

blogs.worldbank.org/en/voices/why-...



3 4 447

Global Program on Land for Climate Goals



'A global program that ensures security of tenure and access to land for climate change mitigation and adaptation'

Global Land Tenure Security

- To strengthen land policies, laws, registration, and regularization to improve land tenure security of Indigenous Peoples, Local Communities, and public and private owners of forested, rural, and urban areas for SDG 1 (No Poverty) and household-level climate actions.

Women's Land Rights

- To improve women's access to land ownership and control, advancing SDG 5 (Gender Equality) and Stand for Her Land Campaign.

Climate Sensitive Land Use

- To improve regularization, planning and management of urban lands, contributing to SDG 11 (Sustainable Cities and Communities).

Access to Land for Climate Actions

- To improve land administration systems and management of lands to realize bioenergy, afforestation and renewable energy investments and transition away from coal.

Forests and People



41%, 3.3 bn

Population Living
Within in 1 km from
Forest

500 million

People Depend on
Forests

200 million

Indigenous Peoples
Depend on Forests

Indigenous Peoples' Land Claims



< 21%

Global Land Mass
Managed by IP and
Local Communities

< 10%

IPs and Local
Communities' Lands
Registered with Legal
Protection

36%

Pristine Forests
Managed by IP and
Local Communities

Indigenous Peoples have longstanding spiritual, cultural, social and economic ties to their collective lands. Without secure tenure to land, their identity and livelihoods are at risk.

Tenure Security Reduces Deforestation



- **Benin:** village land use plans and land demarcation reduced deforestation by 20%
- **Peru:** Titling Amazonian IP communal lands reduced deforestation by 75%
- **Bolivia/Brazil/Colombia:** Titling IP forestlands reduced deforestation by 50-75% and saved US\$25-34 billion in carbon benefits
- **Brazil:** formalizing private lands reduced deforestation by 12% and in indigenous lands by 23%
- **Indonesia:** Plantation Forest Licenses reduced deforestation by 83% in degraded forests

Note that for success tenure security improvements need to be accompanied with community development support.

Upcoming
Publication



*Good Practices for Strengthening Land Rights Recognition in
Forestlands of the East Asia and Pacific Region*

In-Print, 2024



PROGREEN

Vision



Register all private, communal and state lands in and out of forests to a joint land registry

Policy

- ✓ Balanced between forest protection and formalization of land rights
- ✓ Removing incentives to cut down forests for gaining private rights
- ✓ Avoiding policies that lead to forest conversion (i.e., plantations)

Approach

- ✓ Territorial tenure security approach where all other state, communal and private land rights are clearly defined, mutually agreed and registered in a socially inclusive process
- ✓ Joint formalization processes of land and forest agencies/lands

Implementation

- ✓ Public awareness, consultation, FPIC and grievance redress mechanisms
- ✓ Special emphasis to Indigenous Peoples and Local Communities, women and vulnerable groups

Indonesia's Success with Land Registration

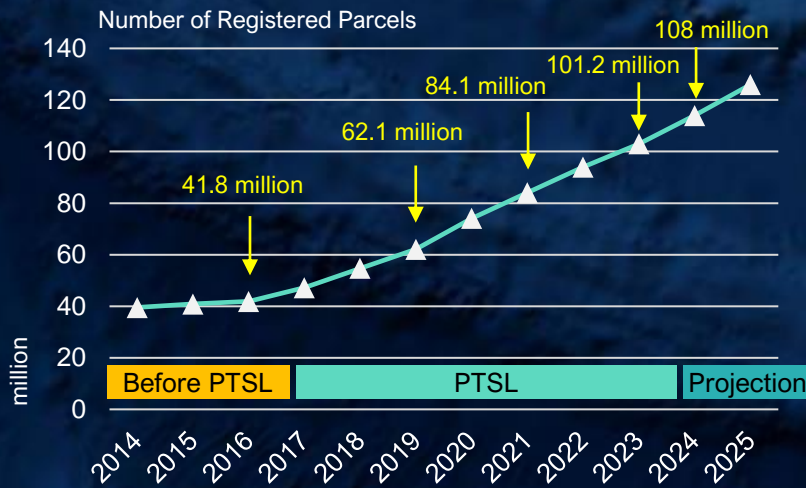


Over 60 million new land rights in 8 years!

- Poverty Rate
- Forest Area
- Selected Districts



Land Registration Progress

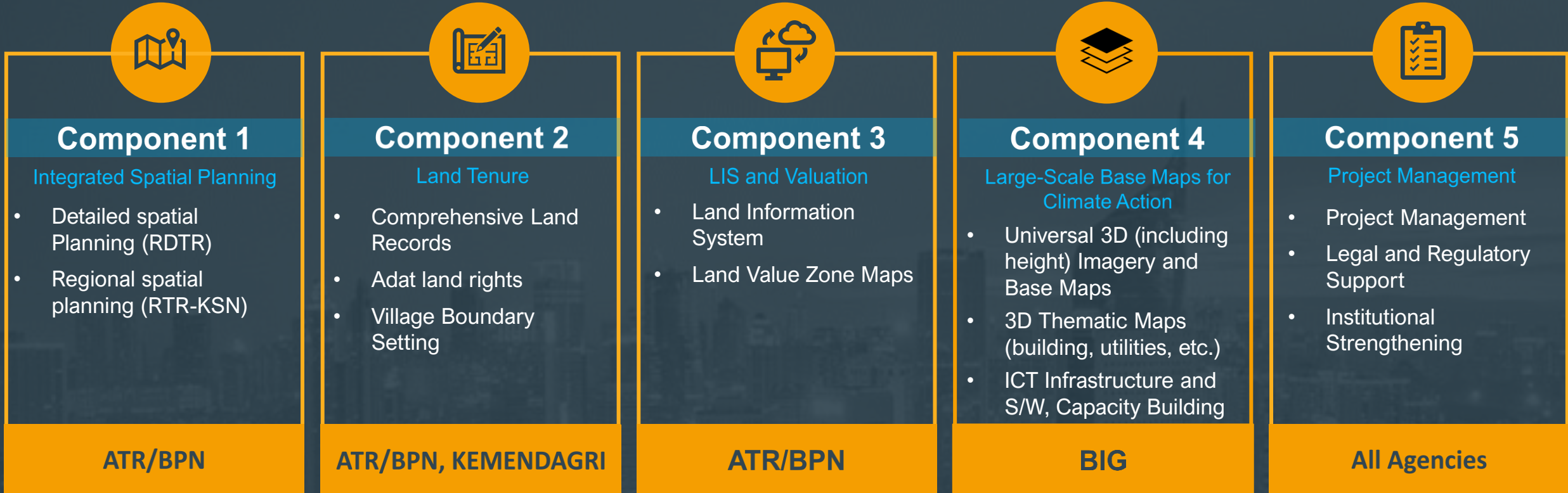


Ulayat land rights largely unregistered
Forest Area (63% of land cover) excluded

Integrated Land Administration and Spatial Planning Project (ILASP, US\$653 million)



Objective: to strengthen climate-informed spatial planning, land tenure security and land administration in Indonesia.



Sustainable Urban Development and Economic Growth for Local Governments

Climate Resilience and Environmental Sustainability

Improved Business and Investment Climate

Disaster Preparedness, Climate Risk Management, Universal SDI for All

Adat Recognition, Communal Lands and Gender Equality



Thank you for listening

Contact

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