



"Digitization of Land Records & Registration in India"

Session: <u>"Strengthening Land Tenure for a Sustainable and Inclusive Future"</u>

> *by* Manoj Joshi Secretary Department of Land Resources Government of India

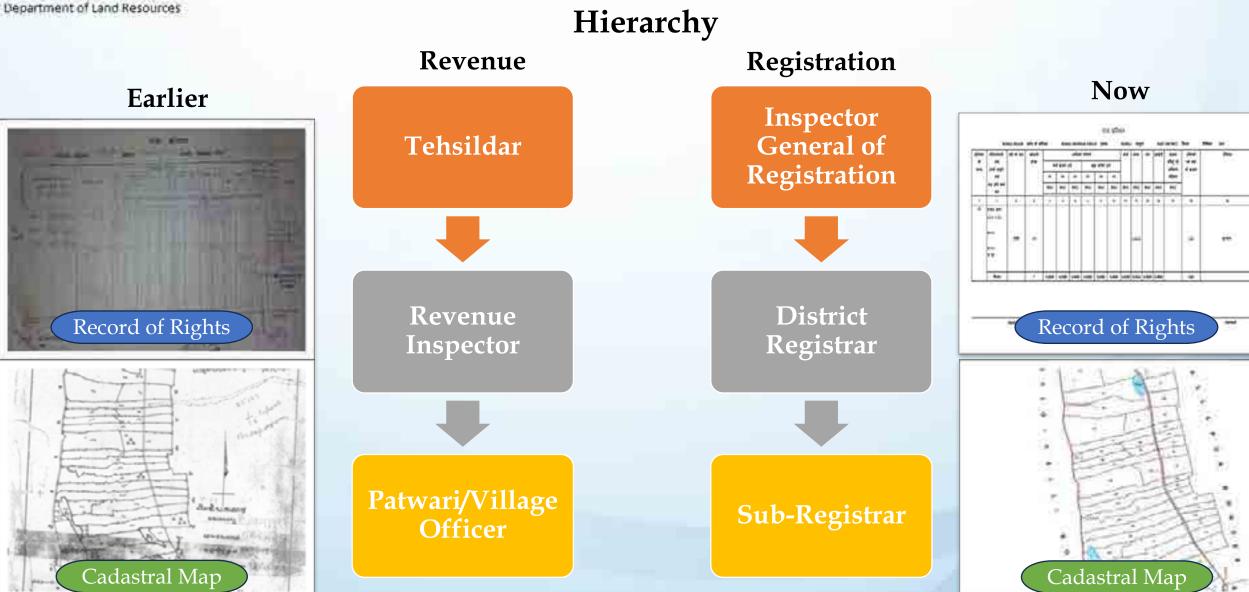


INDIA at a Glance

- 3.28 million sq. km area
- Over 1.4 billion people
- 28 States and 8 Union territories
- 785 Districts
- 0.65 million villages
- 36 million village Cadastral Maps
- 342 million Record of Rights (RoRs)

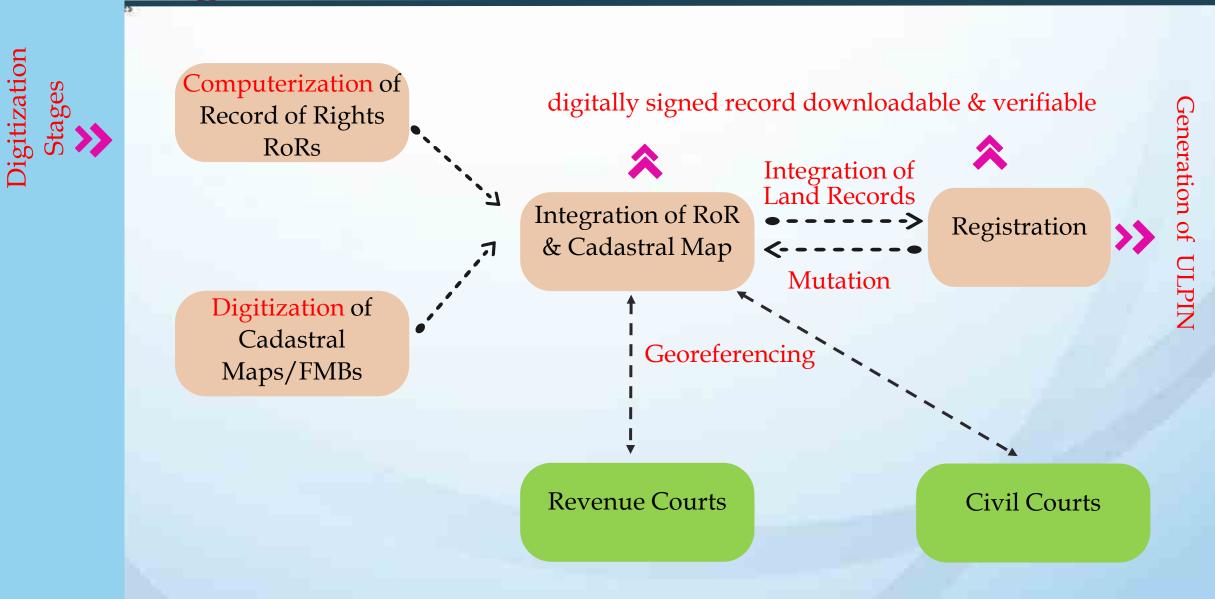


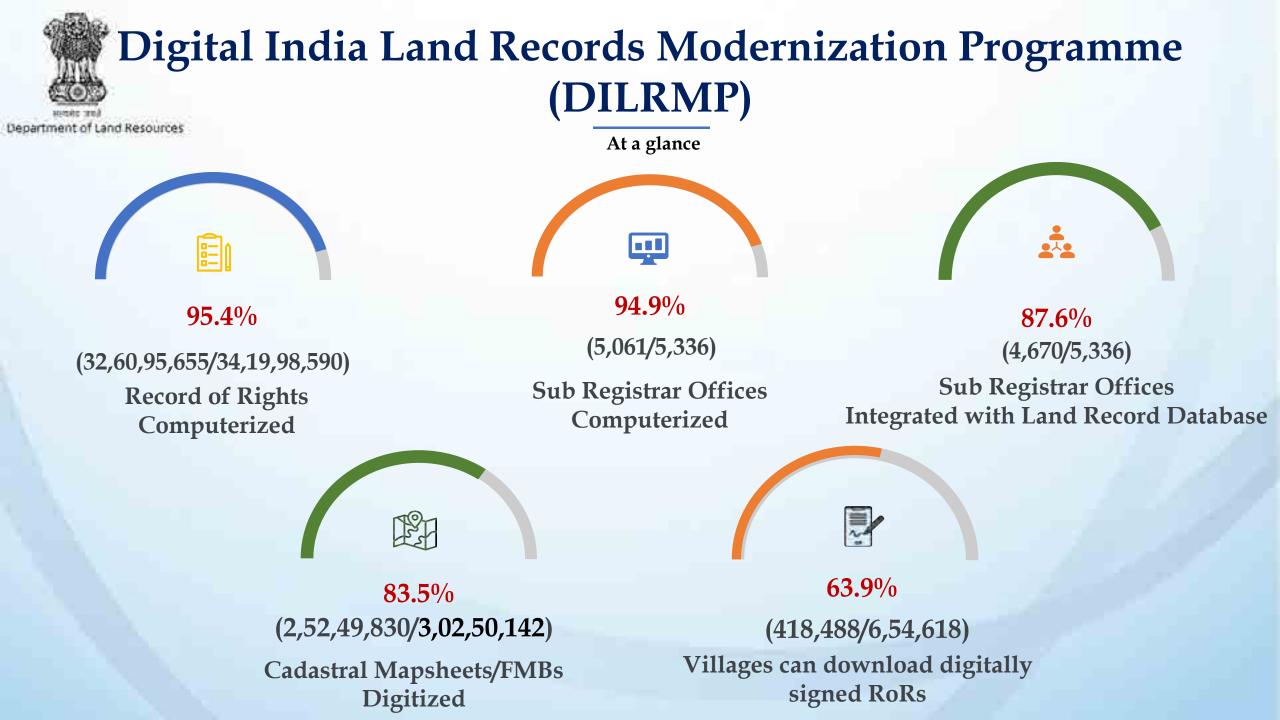
Land Records System : An Indian Perspective



Stages of Land Records Digitization & Registration

and records







Innovative Initiatives under DILRMP

Unique Land Parcel Identification Number (ULPIN) or Bhu-Aadhaar:

- 14 digits Alpha–numeric unique ID
- based on Geo-coordinates of land parcel
- 142 Million ULPINs assigned to land parcels

Transliteration of Land Records: 22 Languages



Fig: ULPIN IDs assigned to Land Parcels



Urban Land Records Programme

- Urban Land Records only in few States Gujarat, Maharashtra, Tamil Nadu, Goa, Chhattisgarh
- Need to carry out fresh survey Create Land Records & Maps
- Survey of India to do 3D aerial survey All Urban & Peri Urban land
- 4912 Cities
- 60 million households







- Difficulty in map updation and maintenance
- Mutation delays
- Land disputes and litigations
- Rapid Urbanization
- Fresh development of peri urban land & sale
- Keeping pace for changes on RoR & Maps



Way Forward

- Saturation of digitization of land records in Rural Areas
- Conclude survey of Abadi areas in Villages (Rural settlements)
 - Swamitva Program
- Creation of Urban Land Records
- Focus on geo-referencing
- Technology based solutions (AI/ML) & Blockchain



Questions ?



Thank You

Contact: <u>secylr@nic.in</u>

Smart Land Services

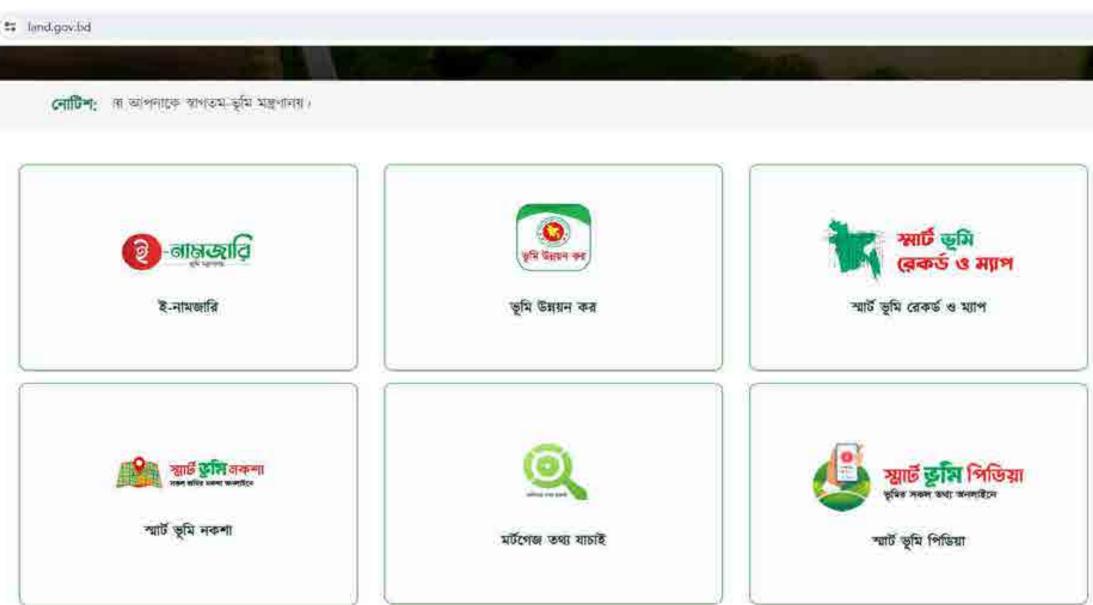
Ministry of Land Government of Bangladesh



Smart Land Services ... Cashless Land Offices...

- 60 million Land Ownership Records Available Online
- **50 million BDT** Deposited Digitally to Treasury per Day
- 350,000 Ownership Transfer Cases Disposed/Month
- **5,000 Services** Provided by 16122 Call Centre/Day
- 600,000 Citizens Receive AI calls per Month
- 15 MOUs Signed for Data-sharing with Govt/Private Org

Core Land Services are ONLINE

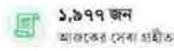


60 Million Land Ownership Records are Available Online

বিভাগ	CREMI	উপজেলা	ৰতিয়াদের ধরণ	মৌজা	শতিশ্বাদের তালিকা
বরিশাল	ाराज्य	anim.	যি আর নাস	া মনুসন্ধান	্র সহিয়ান নয় বিদ্যা
oğulu	ফরিদপুর	তেজগাঁও উন্নয়ন সাংৰ্কল	বি এস	1-শ্রীপণ্ড	2 - দং সিকদার রিয়েল ষ্টেট
ग्राकी	গাজাপুর	ক্যাউনয়েন্ট	মি এস	2-বাৰেৰালী	3 - দং আছমা বেগম
र्युशना	Culteriniste	ভেমরা	আরতাস	3 রাজমতরী	4 - দহ মোজা৷ আছমা বেগম,জামিলা
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বংশ্ব	মানারীপুর	ধানমন্দি	দিয়াৰা	5-সঞ্জিগ সোমা টেঙ্গর	6 - HE WIGHEIS GERMA
সিংশেট	মানিকগঞ্জ	পোহার	পেটি	6-ছোট শিকারীটোলা	7 - দং আজিজুল হক,আতিকুল ইসলাম সিন্দিকী
	Contraction in the			7.staatee	৪ - দং আতারী বানু সিরিসের মনুরবার পঞ্চানা বাটনে ব্রিক করন।

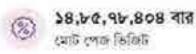
সার্ভে খতিয়ান অনুসন্ধান







১,২১,৭০,২৫৯ জন মেট সেনা গ্রহিতা ২,৬৪,৮৭,৭২০ জন মেট ডিচিটা



Challenges: Key Research Findings

• 80% Citizens are NOT AWARE of digital land Services

• 70% Citizens apply for digital land services through other means (not by themselves)

 98% Citizens have showed interest to get land services without going to land offices

Land Ministry's Dream by 2026



60% Land Services done by Citizens themselves

30% Land Services delivered by SMART LAND POINT

10% Land Services provided by Physical Visits of land offices



Land Services AGENT Engagement Guideline 2023

Citizens' Land Care Centre





নাগরিক ভূমিমেবা কেন্দ্র থেকে যে মকল মেবাগুলো নাগরিকগণ নিতে সারবেন

$\boldsymbol{\Sigma}_{i}$	নামকারি আকেন্স
1	নামজাই কোট কি, নোটশ জাই কি, মিলিমাহ কি পেমেন্ট
ě.	নামজারি আবেদন ট্রাকিব,
	পর্চার অনলাইন/সাউফাইট কপি আবেদন
5.	বৌজা ম্যাপের আবেনন
۹.	কৃমি উন্নহন করের প্রোচাইল নিবছন
ж.	ধুমি উদ্ধান কর সেরহার জন্য প্রেকাইলে খতিয়ানের তথ্য এক্টি
<u> 1</u>	থুমি উন্নয়ন কর পেমেন্ট
b ,	খ্যমি সংক্রান্ত পরামর্শ প্রদান
391	শকিমাণ গ্রহণ



🛿 তৃণমূল পর্যায়ে ভূমিসেবা পৌঁছে দিতে চালু হয়েছে ভ্রাম্যমাণ ভূমিসেবা কেন্দ্র

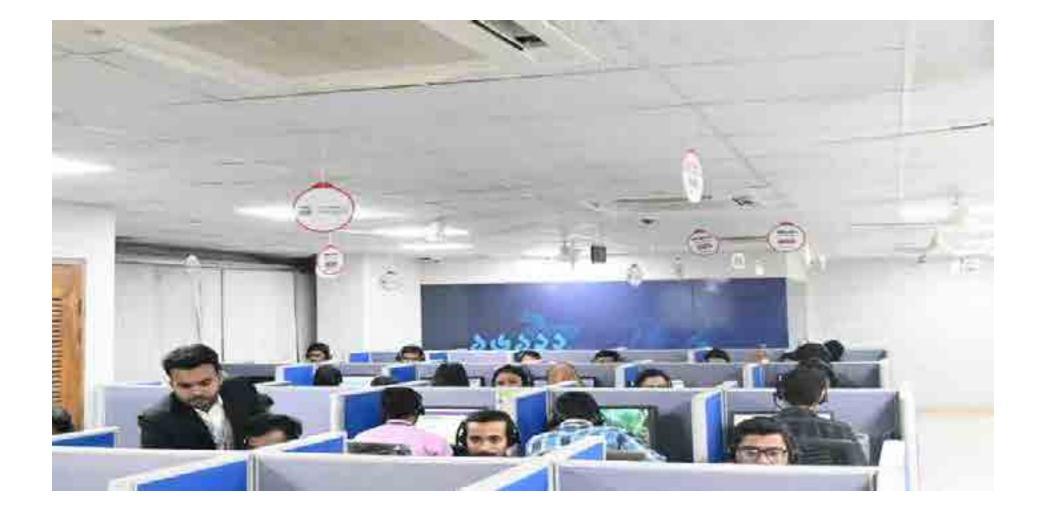


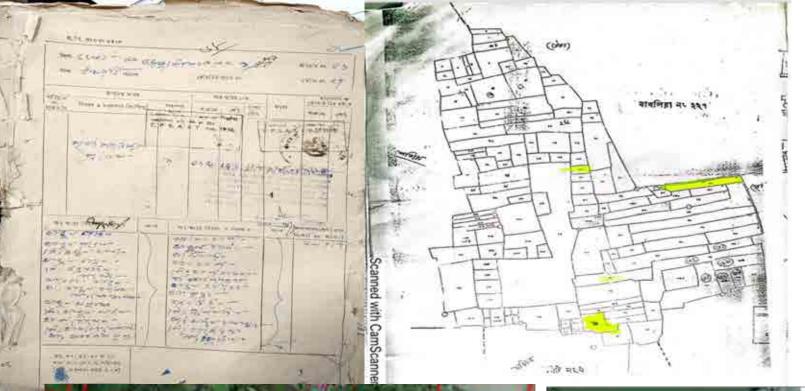
Mobile Land Care Centre

Recent Innovations

- Introducing AI in Core Land Services
- Citizens can get Application Status by Calling 16122
- Citizens' Rating about Service Quality

Al in Core Land Services Along with Call Centre 24/7



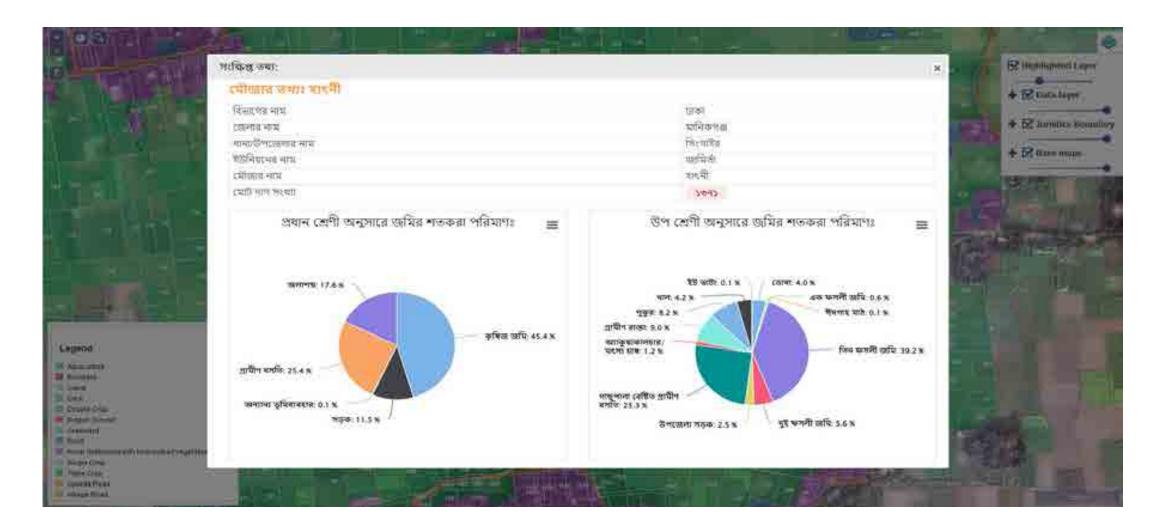


- Mouza Maps are getting DIZITIZED
 Satellite Image
 - based Land type





Zoning Database for Protecting Agricultural Land



UN Public Service Award 2020 for Smart Land Ownership Transfer System



। ই-মিউটেশন বান্তবায়নের স্বীকৃতিস্বরূপ ভূমি মন্ত্রণালয় জাতিসংঘের মর্যাদাপূর্ণ United Nations Public Service Award 2020 অর্জন করে



United Nations Public Service Awards Winner

Category on Developing transparent and accountable public institutions

This certificate is given in recognition of the contribution of

e-Mutation Ministry of Land People's Republic of Bangladesh

for innovation and excellence in public services supporting the implementation of the 2030 Agenda for Sustainable Development

LIU Zhenmin

Under-Secretary-General for Economic and Social Affairs 23 June 2020



UN - WSIS Award 2022 for Smart Land Tax System



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SOPs/Guidelines under Digitization, Knowledge Management & Performance

Cluster A: Digitization & Service Delivery

- **1. Guideline for Agent-based Service Design**
- 2. Guideline for Systems Sustainability through ALAMS
- 3. Guideline for Citizen-centric Service Design (Smart Connect)
- 4. Guideline for Land Data Security and Data Sharing

Smart Land Service: Key Targets

- 1. Converting all Land Services into Smart Services

 2026> 60%
 2031> 100%

 1041> 100%

 2. Shifting All Land Service Applications to SMART APP

 2026> 60%
 2031> 80%
- 1041>

100%

- **3. Eliminating Discretionary Powers of Land Officials 2026**> 80% **2031**> 100% **1041**> 100%
- 4. Linking with Other Ministry/Organizations' Smart Services 2026> 50% 2031> 80% 1041> 100%



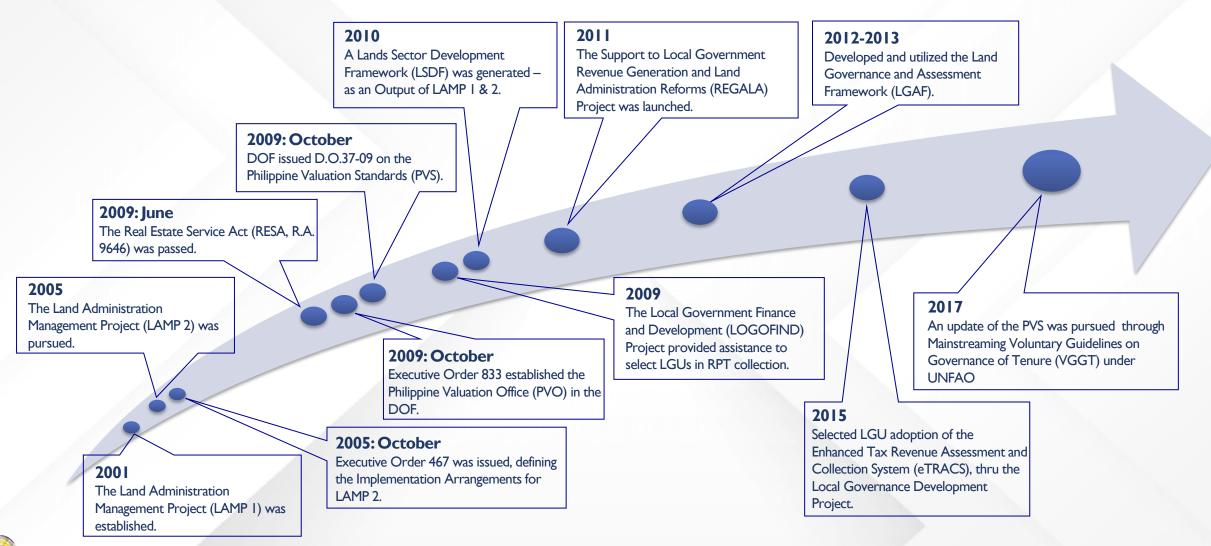
"Realizing the Potential Property Valuation to Support Economic Growth in the Country"

CONSOLACION OFELIA Q. AGCAOILI

Executive Director Bureau of Local Government Finance-Department of Finance Philippines

May 13-17, 2024

THE PHILIPPINE LAND MANAGEMENT REFORM ROADMAP



Vision: Efficient and effective management of all lands and other natural resources for the benefit of present and future Filipinos and promote optimal use and sustainable management of land and natural resources (over-all)

Mission. The Mission of the sector is to:

- Accelerate recognition, protection and disposition of land rights and claims to ensure tenure security (new)
- Establish an affordable, simple, demand-driven, open, efficient and effective LAM services. (enhance LSDF 2018-2030)
- Establish an effective and transparent land valuation and taxation system to support inclusive and sustainable growth. (enhance LSDF 2018-2030)
- Develop an integrated, accessible and modern geospatial land information system for all. (LSDF 2018-2030)
- Strengthen appropriate and responsive grievance mechanisms (formal, traditional, informal, alternative) to peacefully resolve land conflicts and tenurial concerns (new)

Land Administration

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Strate

- A. LAM Policy reforms
- A Multi-stakeholder approach in updating and rationalization of public land laws and policies adopted
- Open transparent and participative monitoring of land tenure and resource use is established
- B. Land Titling, Registration and Tenure Security
- Implementation of National Land Titling Program is completed
- Secure accurate, simplified and affordable land registration and records system and services is established
- □ A rationalized, transparent and simplified issuance of instruments is established
- C. Survey and Mapping
- Implementation of national program to review and update the country's land classification is completed
- Cadastral survey is completed and cadastral maps are finalized
- Political boundary surveys are completed and disputes are resolved

Land Management and Governance

- Devolution and decentralization of public land management is completed
- LAM policy reforms are approved and implemented (Legislative and Executive)
- Open, transparent and efficient monitoring of land use and development, issuance of permits and regulations is established

Land Information Systems and Management

- Linkage of National Spatial Data Infrastructure (NDSI) to national ICT framework is established
- Comprehensive LIM policy and strategic framework for standards and procedure is adopted and mainstreamed
- Collaborative governance framework for LIM and interagency coordination is strengthened
- LAM services and LGU capacity building is decentralized

Land Valuation and Market Development

- LGU revenue through local real property tax is strengthened
- An integrated national real property valuation and assessment system is established
- Philippine Valuation Standards is adopted
- A natural resource-based accounting and valuation system and integrated into the national capital accounts is adopted



Putting the Framework and Roadmap into a Reality

Land Valuation and Market Development

- □ LGU revenue through local property tax is strengthened
- An integral national real property valuation and assessment system is established
- Philippine Valuation Standards is adopted
- A natural resource-based accounting and valuation system and integrated into the national capital accounts adopted

LGU revenue through local property tax is strengthened

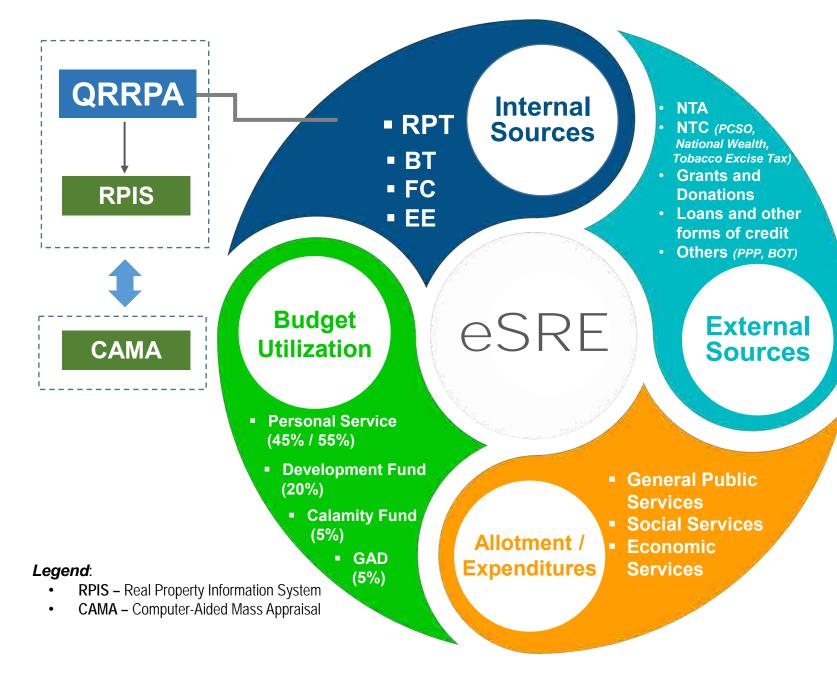
An integral national real property valuation and assessment system is established

Philippine Valuation Standards is adopted Real Property Valuation and Assessment Reform (RPVAR)

Salient Points of RPVAR



- 1. Roles of BLGF and establishment of the Real Property Valuation Services (RPVS)
- 2. Creation of central and regional consultative committee
- 3. Preparation and approval of the SMVs
- 4. Setting assessment levels and tax rates
- 5. Publication of assessment levels and tax rates
- 6. Use of SMVs
- 7. Regular updating of the SMVs
- 8. Conduct of capacity building interventions
- 9. Development of Real Property Information System
- 10. Transmission of real property data to the BLGF
- 11. Appointment of assessors
- 12. Qualification of local government assessors
- 13. Penal provisions
- 14. Transitory guidelines
- 15. Saving clause
- 16. Budgetary requirements for the updating of SMVs



<u>CURRENT</u>

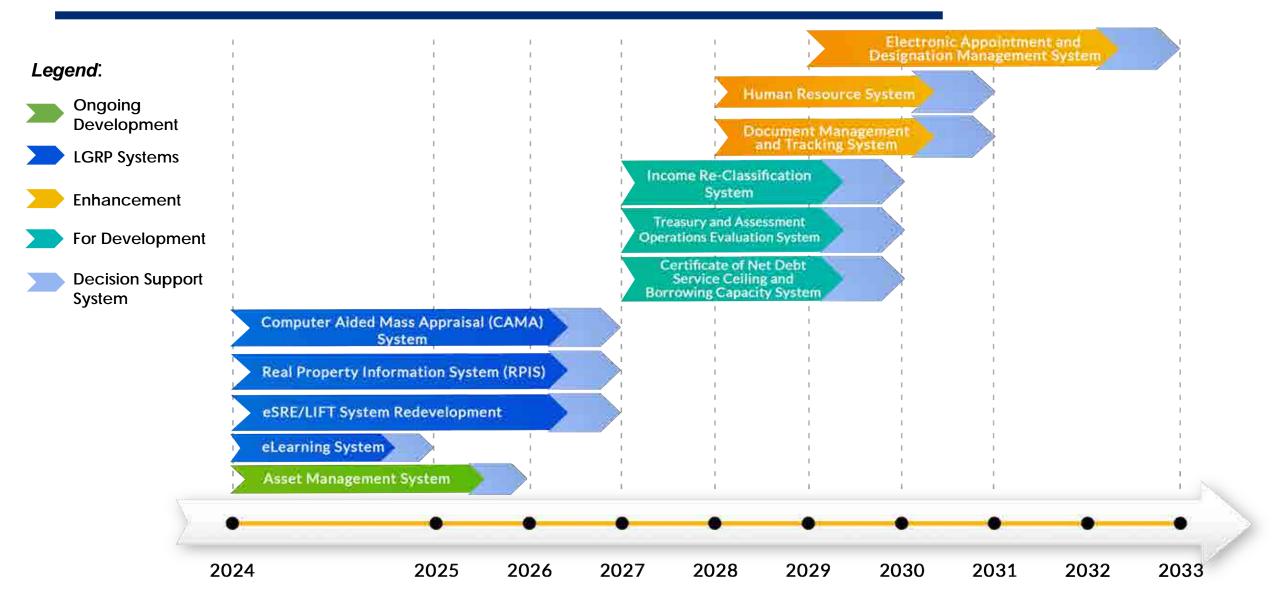
- > LGU Fiscal Sustainability Scorecard
- Seal of Good Local Governance
- Special Health Fund
- > Forecasting

PROPOSED

- LGU Income Classification
- Net Debt Service Ceiling and Borrowing Capacity
 - Local Governance Finance
 Performance Management System
 (LGFPMS)
- Local Fees and Charges Estimation
 System (LFCES)
- Target Setting
- Barangay Financial Statements
- Budget Utilization

Roadmap to Full Digitalization of BLGF Services







Thank You & Mabuhay!!?









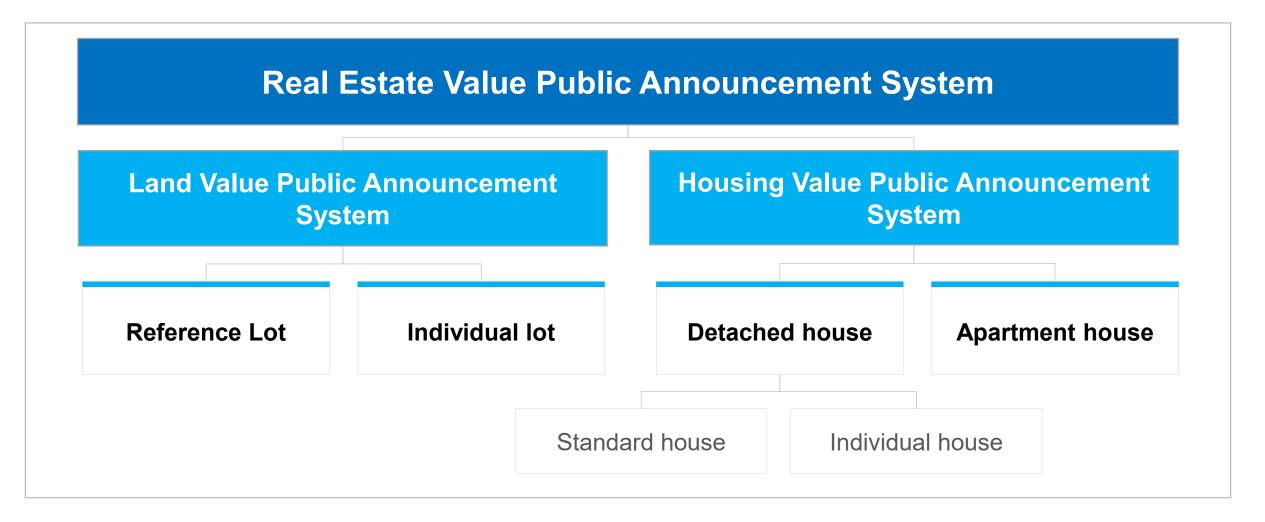
Development of the Land and Housing Value Public Announcement System in Korea

Sanghun Lee

May 17, 2024



Introduction



Country Context

	Standard Land Price	Standard Price of Fair Market Value for Taxation	Standard Market Price	Appraised Market Price
Agency	Ministry of Land, Infrastructure and Transport (MOLIT)	Ministry of the Interior and Safety (MOIS)	National Tax Service (NTS)	Ministry of Economy and Finance (MOEF)
Purposes	To be used as the basis for calculating land acquisition compensation	Tax bases for local taxes, including acquisition tax, registration tax, and property tax	To serve as the tax base for transfer income tax within specific areas	To be utilized as the basis for collateral assessment and property revaluation
Assessor	Land Appraisers	Reference Land: Land Appraisers or Certified Appraisers	Public Officials	Certified Appraisers

Challenges

	Standard Land Price	Standard Price of Fair Market Value for Taxation	Standard Market Price	Appraised Market Price
Purposes	To be used as the basis for calculating land acquisition compensation	Tax bases for local taxes, including acquisition tax, registration tax, and property tax	To serve as the tax base for transfer income tax within specific areas	To be utilized as the basis for collateral assessment and property revaluation



A lack of coherence and an inability to produce objective land values



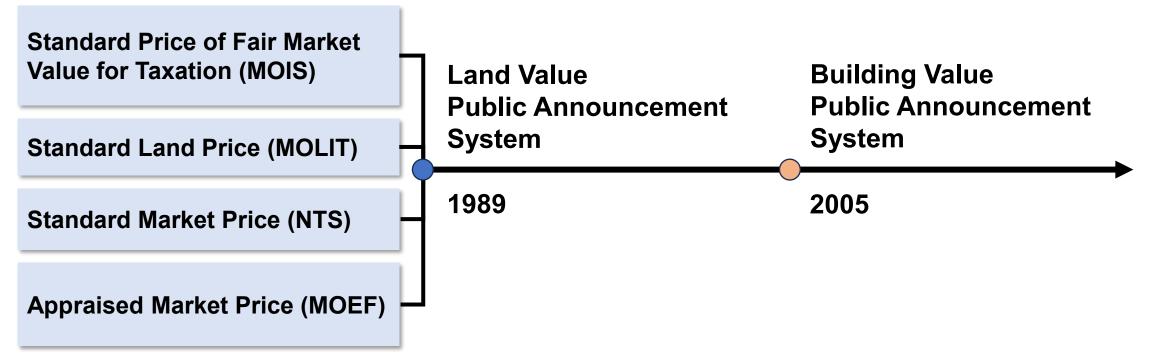
Public Distrust Administrative and financial waste



Key Actions and Initiatives

To strengthen real estate holding tax and to realize fair taxation

- In 1989 land value public announcement system was introduced
- In 2005 housing value public announcement system was introduced





Key Actions and Initiatives

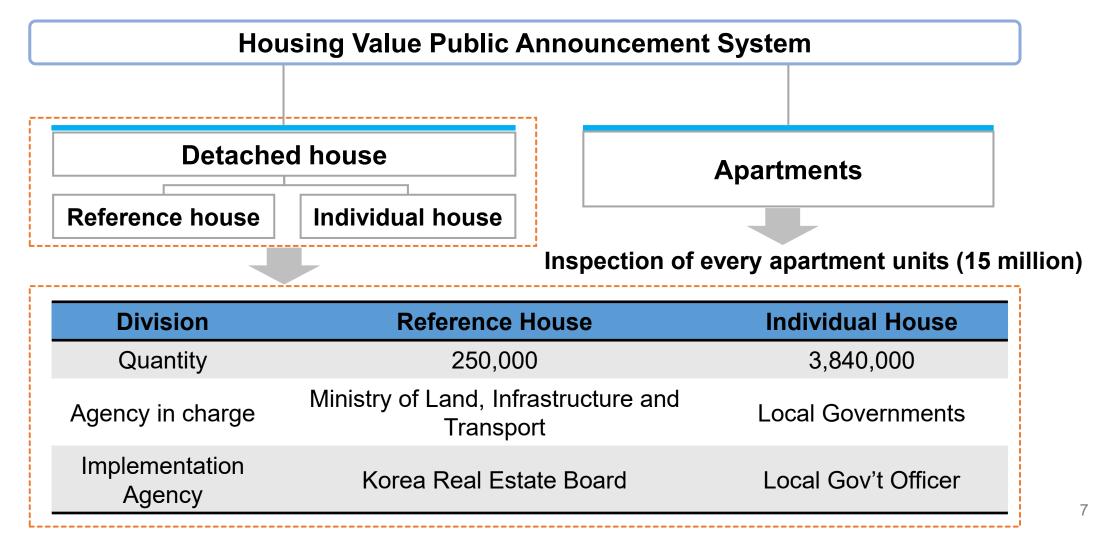
Land Value Public Announcement System

	Publicly Announced Value of Reference Lot	Publicly Announced Value of Individual Lot
Valuation Party	Certified Appraiser	Local government officials (city, county, district)
Valuation Object	Reference lot: 560,000 parcels	Individual lot: 35 million parcels
Main Valuation Method	Sales Comparison Method	Mass Valuation using Index Table
Base date	January 1 st of every year	January 1 st of every year
Public Announcement Date	End of February	End of May
Announced Value	Value per m ²	Value per m ²



Key Actions and Initiatives

Housing Value Public Announcement System





Lessons Learned and Conclusion

The land and housing mass valuation system, based on national land and building information systems, enables a wide array of uses for land and housing values, including purposes such as welfare and taxation

Types	Purposes
Welfare (10 items)	Criteria for determining Basic Pension recipients, Criteria for determining recipients of Basic Livelihood Security, Criteria tor determining Disability Pension, etc.
Fees (4 items)	Calculation of Development Impact Fess, Agricultural Land Conservation Fees, Conservation Fees in Development Restricted Areas, etc.
Administrative (18 items)	Calculation of damages and compensation in civil lawsuits, Verification of declared transaction prices, National wealth estimation, Fine calculation for non-permitted use of agricultural land, Criteria for imposing fines and penalties, etc.
Tax (8 items)	Local taxes (property tax, acquisition tax, registration license tax), national taxes (inheritance tax, gift tax, comprehensive real estate tax, capital gains tax), etc.
Real Estate Appraisal (20 items)	Compensation appraisal, auction appraisal, mortgage appraisal, estimated purchase price when claiming road acquisition, etc.



WORLD BANK LAND CONFERENCE 2024

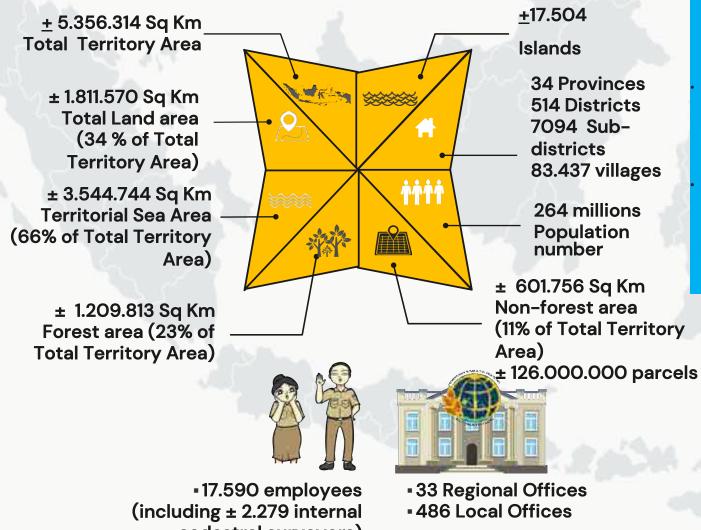
TRANSFORMING ECONOMIES: EFFECTIVE LAND AND PROPERTY VALUATION AMID RAPID URBANIZATION

Presented by: Dony Erwan Brillianto Head of Planning and Cooperation Bureau, Ministry of Agrarian Affairs and Spatial Planning/ Head of National Land Agency of Indonesia

Washington DC, 17 May 2024

INDONESIA AT A GLANCE





Since 2017, the land registration system in Indonesia has been changing quite massive due to the implementation of complete-systematic land registration program (called PTSL).

PTSL is an innovation method from the government of Indonesia to provide the basic needs of the community by administering parcels and issuing the land certificate.

The rate of land registration which was previously less than one million parcels per year, increased by 5 million parcels in 2017 until 9 million parcels by 2020.



"ALL LAND IN INDONESIA MUST BE REGISTERED BY 2025..."

126 MILLION PARCELS

Land parcel registration progress up to April 2024

111,8 million parcels registered	14,2 million
(88,7 %)	parcels (11,3%)
90,3 million parcels certified	35,7 million
(71,7 %)	parcels (28,3%)

cadastral surveyors)

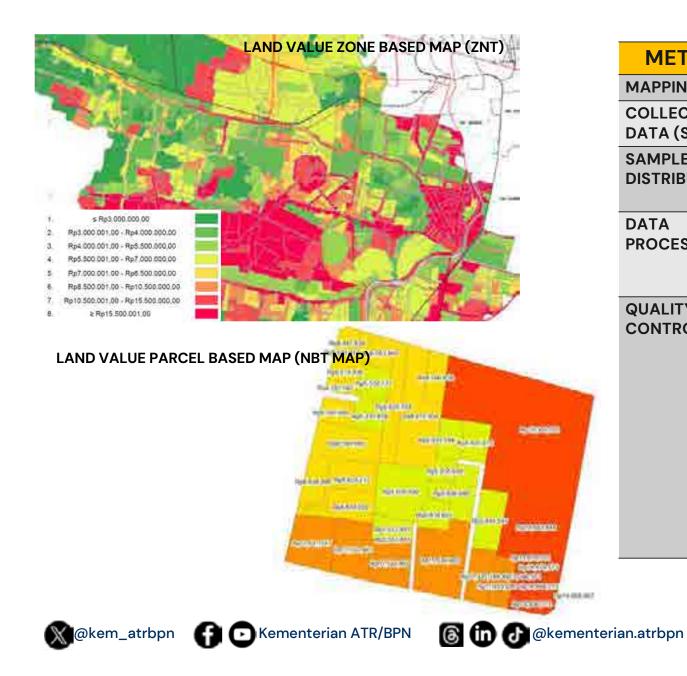






LAND VALUE INFORMATION INDONESIA

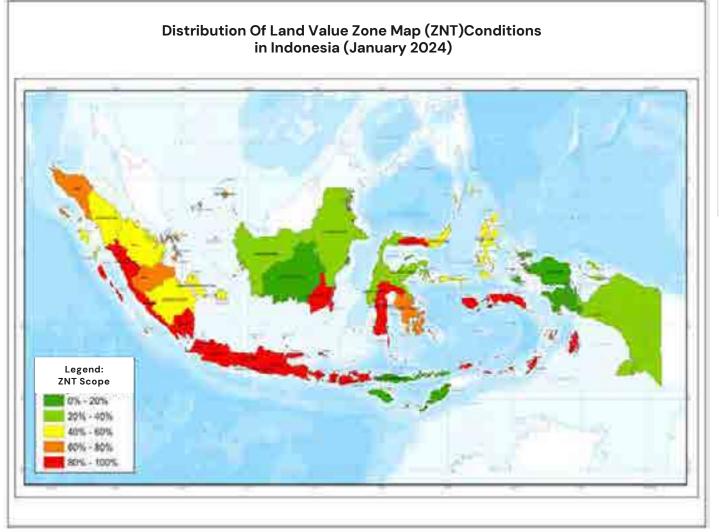




METHOD	ZNT	NBT MAP
MAPPING BASIS	Zone	Land Parcel
COLLECTING DATA (SAMPLE)	Surveying transaction dan offer data	Surveying transaction dan offer data
SAMPLE DISTRIBUTION	At least 3 sample in each zone	Spread evenly across all independent variables are represented
DATA PROCESSING	Average of land value sample in each zone	Geographically Weighted Regression (GWR). The effect of independent variables to land value (dependent variable)
QUALITY CONTROL	Standard Deviation Relative every zone is less than • 30% for scale 1:25.000 • 25% for scale 1:10.000 • 20% for scale 1:2.500	 a.Sample (model prediction) R² > 80% Spatial Autocorrelation should be random MAPE less than 20% b.Population (Prediction all land parcel) Coefficient of variation by zone should be less than 30% Local Indicator Spatial Association (LISA) -> for detecting outlier value prediction







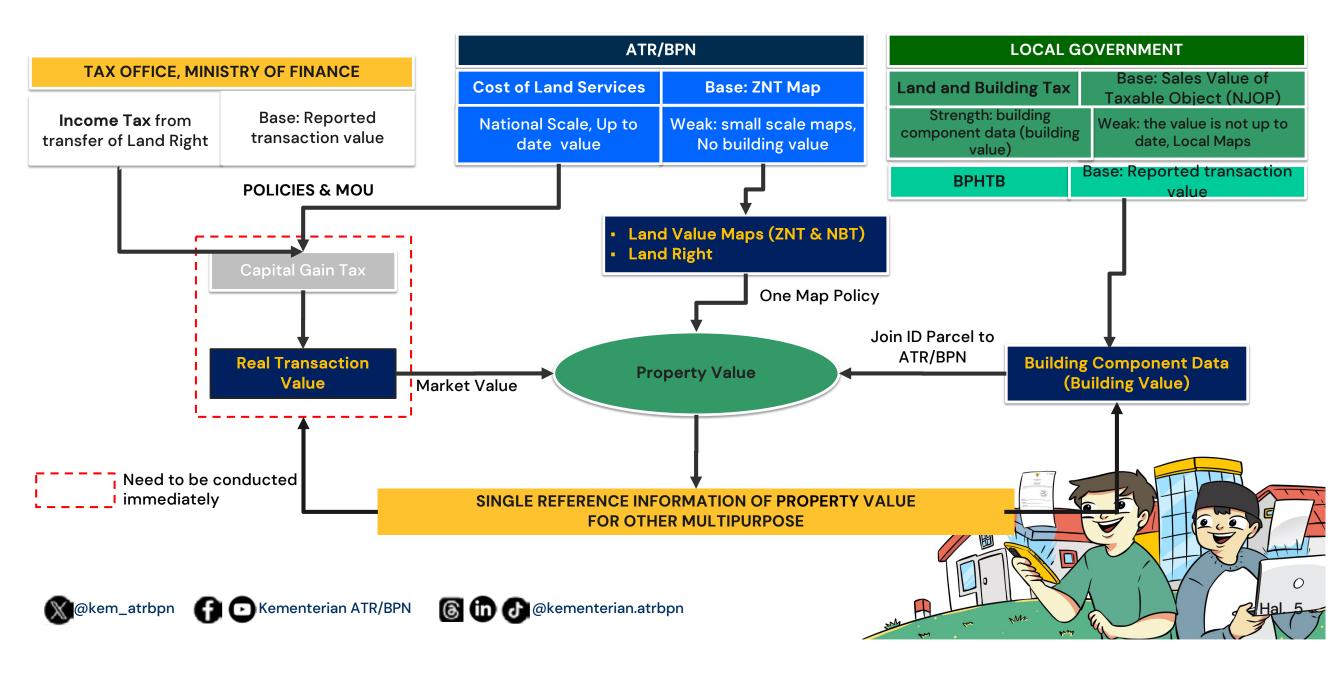
🚯 (in 🕞 @kementerian.atrbpn

🕅 @kem_atrbpn 🛛 🚹 💽 Kementerian ATR/BPN

Coverage ZNT Maps by Province

- Currently, there There are many provinces that still have low land value zone coverage (green polygon). Overall only 58,2 % of Indonesian area that covered with the land value information.
- Some of the cause are:
 - There is no Ministerial (ATR/BPN) regulation regarding land assessment yet, so the collaboration with several agencies is experiencing problems.
 - There are several land value zone (ZNT) that have not yet been updated
 - There is a lack of technical and technological capabilities available for land appraisers and supporting resources in preparing land value zones, there is an urgency to increase their competency and technical training



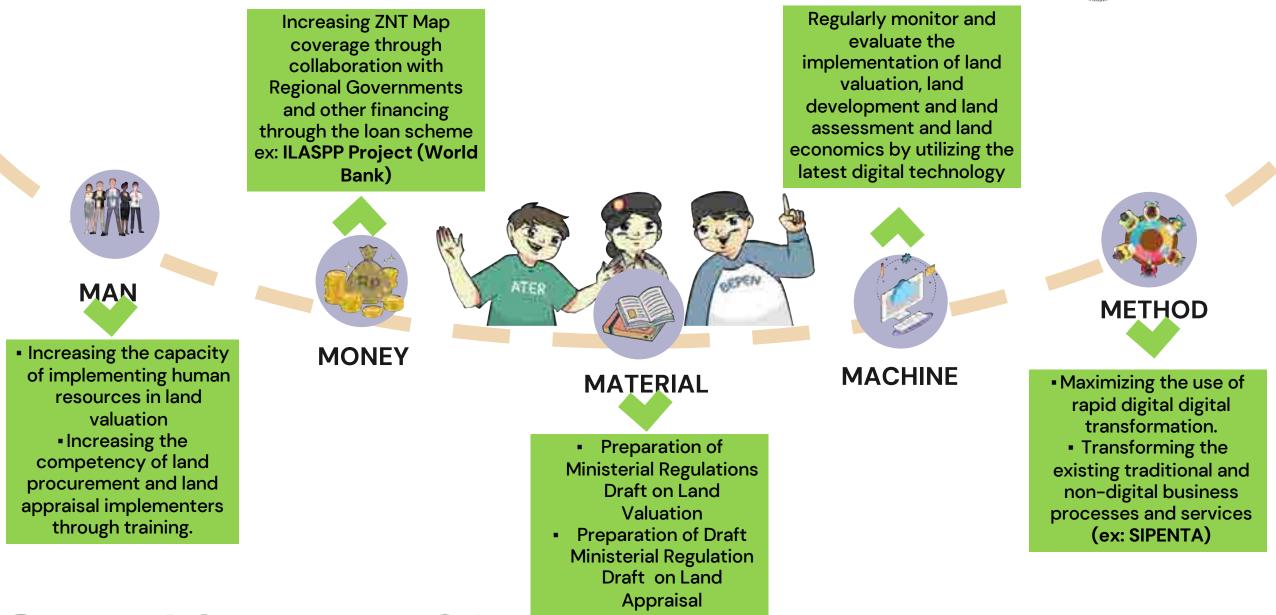


STRATEGIES FOR THE FUTURE

Kementerian ATR/BPN

@kem_atrbpn





🚯 (in 🕞 @kementerian.atrbpn

Hal. 6

THANK YOU





Ministry of Agrarian Affairs and Spatial Planning/National Land Agency Maju dan Modern

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@kem_atrbpn

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PARTICIPATORY MAPPING TO IMPROVE LAND CERTAINTY

World Bank Land Conference 2024

Washington DC, May 17, 2024

Overview of One Map Project

- Program Objective: To provide certainty on land tenure and land use at the village level in project areas in 10 provinces (Riau, Jambi, South Sumatra, West Kalimantan, Central Kalimantan, South Kalimantan, East Kalimantan, West Java, Central Java, East Java)
- Executing Agency: Ministry of Agrarian and Spatial Planning/National Land Agency (ATR/BPN)
- Implementing Agency: Geospatial Information Agency (BIG)
- Period: 2019 2024 (October 31, 2024)
- Location: 10 Provinces (out of 38 provinces in Indonesia)
- Funding : USD 200.000.000



Participatory Mapping in One Map Project



Objective: To establish clarity on actual land rights and land use at the village level in the target areas

- Enhance land/natural resources management
- Reduce poverty
- Bridge income disparities
- Generate employment opportunities

Strong Ownership by Government Advance Agrarian Reform Land Administration System

Participatory Mapping Aspects in Land Registration

Technical Guideline on Complete Systematic Land Registration with Participatory Mapping (PTSL PM), Directorate General of Agrarian Infrastructure, No: 002/JUKNIS-300.UK.01.01/II/2019. February 1, 2019.

INCLUSIVE PARTICIPATORY **Community involvement** comes Involving the community, from various circles, community that land registration is no leaders, young men and women longer one-way GENDER **EMPOWERMENT** MAINSTREAMING The community is given training, and get a transfer of knowledge Equality for men and from the surveyor women

ENVIRONMENTAL STUDY AND SOCIAL ASPECT

The safeguards process **minimizes risks** that may arise from environmental and social aspects

Community Land Data Collectors (Puldatan)



Tasks: to support compilation of **physical and juridical data** in land registration process, including: land parcel, land register, land ownership.

Activity:

- 1. Install boundary marks
- 2. Attend measurement process

3. Agree on boundaries with neighboring parcels *(Contradictoire Delimitatie).*

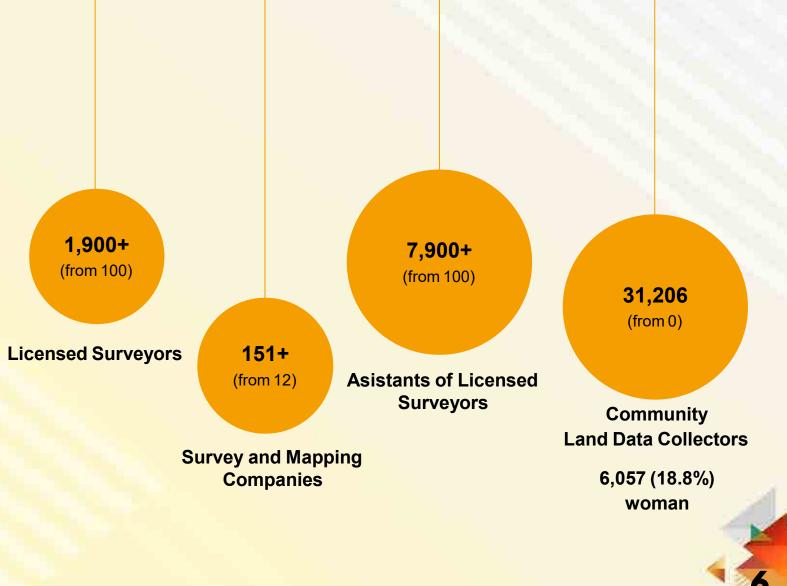
142 Districts6.465 Villages

Transformational Impacts of Participatory Mapping (from 2019 to 2024)

Job Creation and Private Sector Competitiveness



PPRA has driven many private sector jobs and efficiencies in the surveying and mapping sector.



Follow-up and Improvement



Public awareness campaigns (GEMAPATAS) are carried out more intensively and collaboratively 2. Optimize capacity of Community Land Data Collectors (Puldatan) **3.** Synergize funding with Regional Government and Village Government

Thank You





8



户中国国土勘测规划院 China Land Surveying and Planning Institute

China's Practice and Exploration of Land and Resources Valuation

——Based on Comprehensive Cadaster

Dr. Feng Wenli

Director General China Land Surveying & Planning Institute Ministry of Natural Resources, P.R.of China

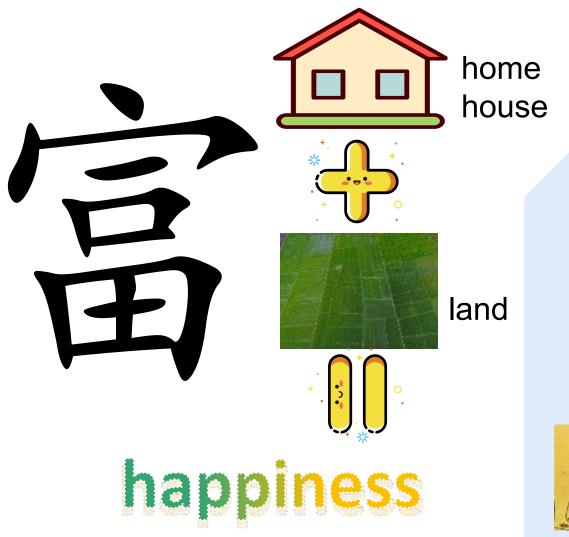




INTRODUCTION

1

Land is the Origin of Wealth





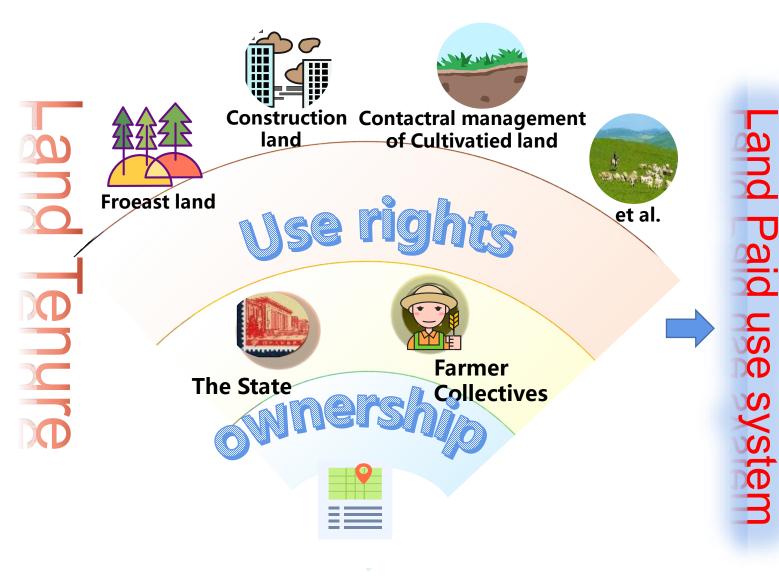
可持续发展图标 Sausinable Development loar



COUNTRY CONTEXT

2

The Land Tenure and Management System







Land Price System



Land price publicity system



Monitoring land price system



Market transaction price system

CHALLENGES

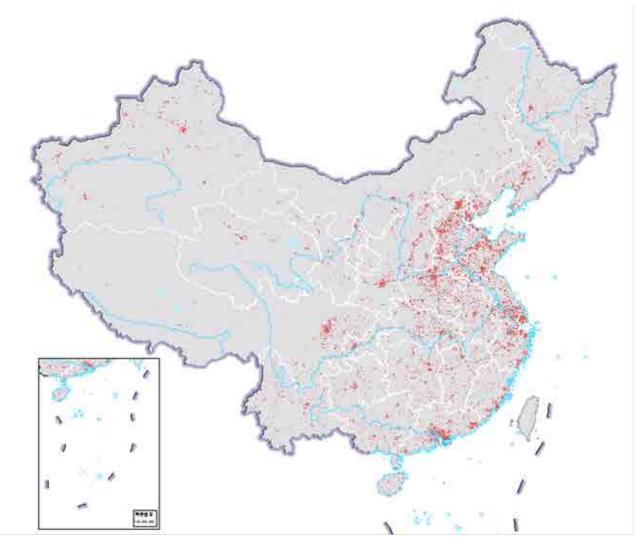
3

I .There's an urgent need to accelerate the development of theory and methodology for the integrated assessment of natural resource assets.



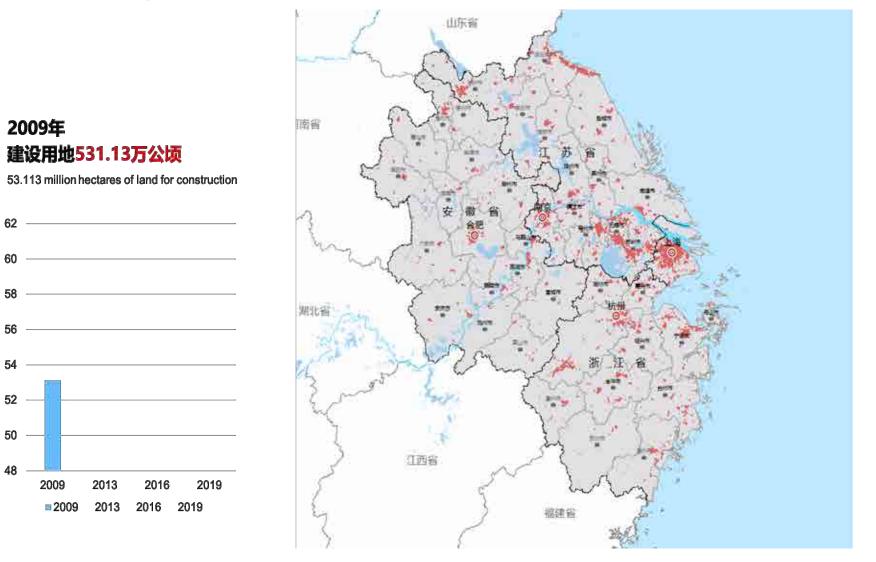
CHALLENGES

II. Accelerating industrialization and urbanization demand batched, intelligent assessment technologies.



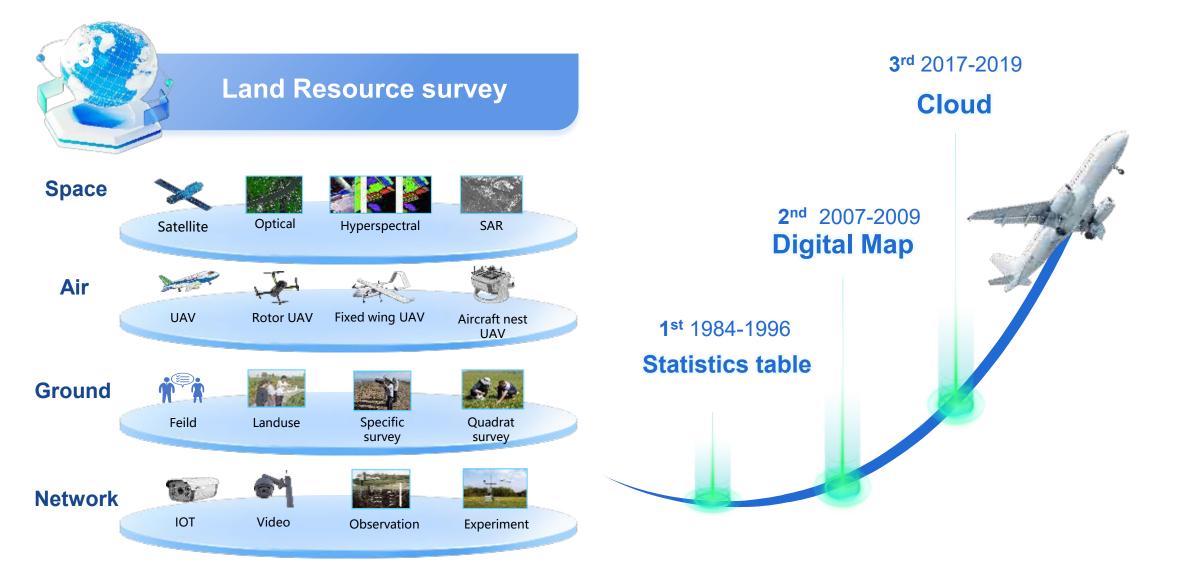
CHALLENGES

III. Addressing regional development imbalance requires utilizing land price policies and control measures to guide efficient resource allocation.



KEY ACTIONS AND INITIATIVES

I. Establishment of Comprehensive National Land Survey and Annual Update Mechanism





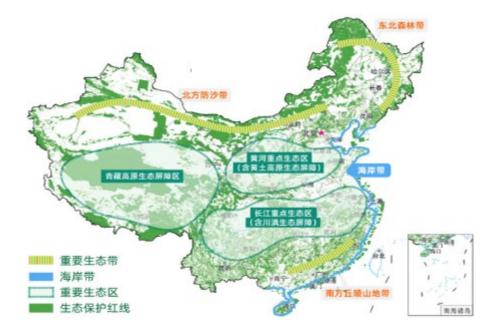
KEY ACTIONS AND INITIATIVES

II Unified Cadastral Survey and Registration of Real Estate and Natural Resources

Major reform tasks

The first batch of important ecological space registrations

Establishing a National Real Estate Registration Information Basic Platform









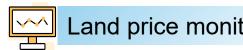
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KEY ACTIONS AND INITIATIVES

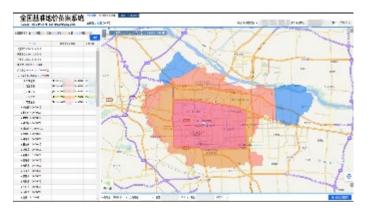
III Establishment of Land Price Disclosure, Monitoring, and Market Transaction Systems



Land price disclosure system



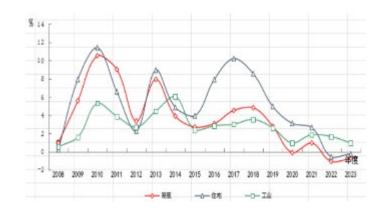
Land price monitoring system 🧀 Market transaction price system





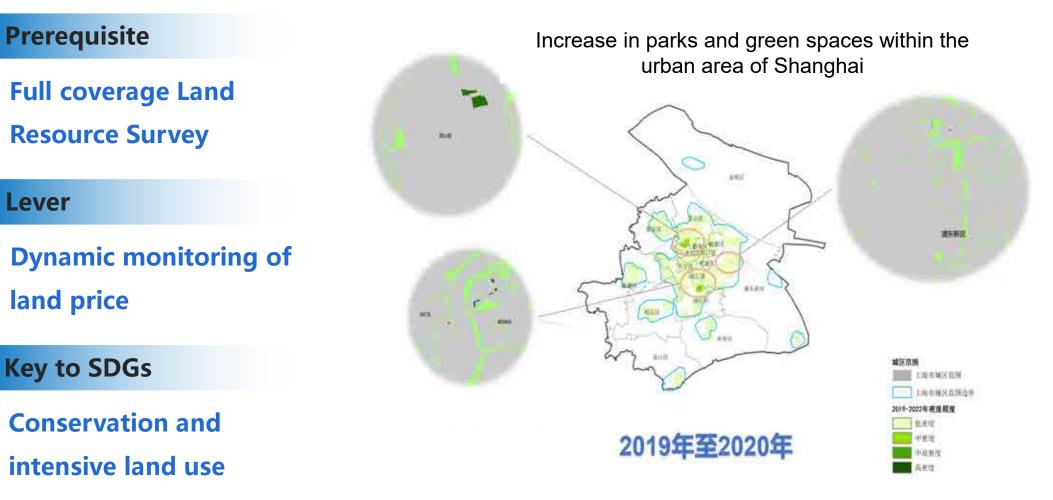








LESSONS LEARNED



6

CONCLUSION AND NEXT STEP

To Develop and Improve Three Base Systems



Natural resource asset valuation

Al/Big Data et al.

Intelligence Base

Ecological Base

Beautiful Earth Wonderful Family



Property Valuation and Taxation ASEAN and Korea

World Bank Land Conference |May 17, 2024



ASEAN Context

3

Rapid economic growth, urbanization, demographic shifts

Increasing demand for land, property, municipal services

Environmental pressures like climate change, rising sea levels

Need robust land administration, valuation, taxation systems







Scope of Regional Report

Real Estate Valuation

- Foundation of real estate markets
- Enables informed decision-making
- Supports mortgage lending, accounting
- Basis for land value capture

Land and Property Tax

- Funds sustainable urbanization
- Encourages efficient land use
- Provides stable local revenue
- Finances climate resilience efforts



Report Overview

- Report covers 7 ASEAN countries : uppeiddle-income (Indonesia, Malaysia, Thailand) and lower-middle-income (Cambodia, Lao PDR, Philippines, Vietnam); and Korea
- High variation in social/economic conditions and land/tax regimes
- Korea and Malaysia lead with advanced and digitallyabled systems; Cambodia and Lao PDR in earlier development stages
- Other countries show mixed progress, with ongoing transitions and capacity challenges
- Common issues identified: price undeporting, manual valuations, revaluation difficulties; successful practices highlighted



Land Administration

- Foundation for effective valuation and taxation
- Many countries making progress on digital records
- But land administration systems remain fragmented (coverage, data sharing)
- Opportunity: Develop multi-purpose land information systems

- Thailand has made significant progress in land parcel registration
- All private land parcels with titles are fully digitized and in the cadastre
- Indonesia Ongoing efforts to digitize public lands under the OneMap project



Real Estate Taxes

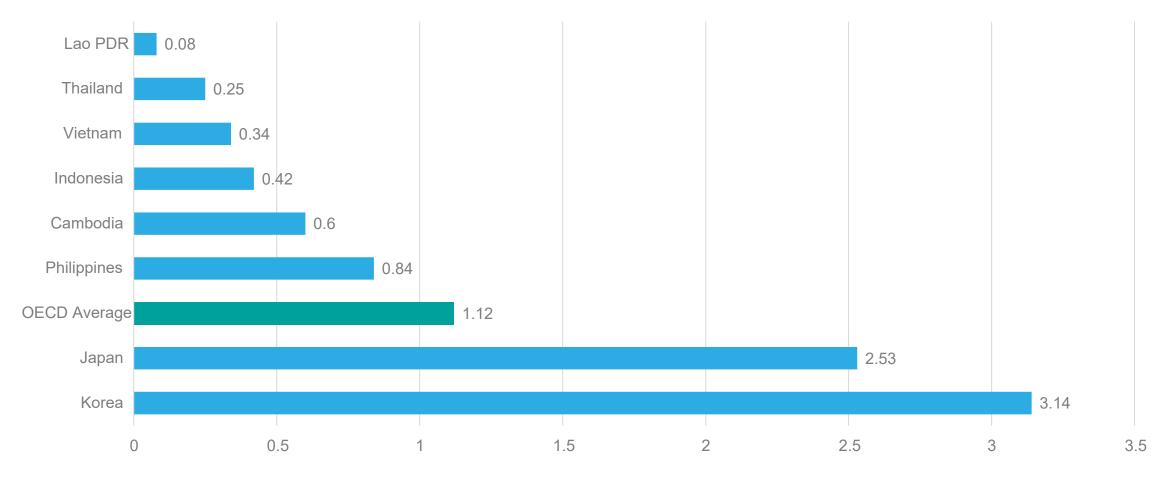
- Numerous taxes, with annual property tax and transfer tax most common
- However, there is a big untapped potentiallow proportion of GDP and total revenues
- Main challenges include:
 - Under-declaration of prices
 - Outdates valuations
 - Lack of transparency
 - Weak enforcement and need to incentivize compliance



Transaction-based Property Taxes and Fees in the Studied Countries

Country	Taxes and Fees	Source of Revenue	Tax Rates
Cambodia	Property Transfer Tax	National	4%
	Capital Gains Tax	National	20%
Indonesia	Acquisition Tax	Sub-national	5%
	Property Transfer Tax	National	2.5%
	Capital Gains Tax	National	2.5%
Korea	Stamp Tax Inheritance Tax Gift Tax Comprehensive Real Estate Holding Tax Capital Gains Tax Acquisition Tax Property Tax Local Resource and Facility Tax	National Local	6-45%, but increasingly penal if gains in short term Generally, 44%
Lao PDR	Property Transfer Tax	National	Agricultural land–1%; other land, land with building s 2%
Malaysia	Property Transfer Tax (Stamp Duty) Real Property Gains Tax	National National	First RM100,000 at 1%; Next RM400,000 at 2%; amount up to RM1m at 3%; over RM1 m at 4 Within 3 years 30%; in fourth year 20%; in fifth year 15%; after fifth year 0%.
Philippines	Property Transfer Tax	Sub-national	0.5%- provinces; 0.75% for cities
	Capital Gains Tax	National	6%
	Estates Tax	National	6%
	Donor's Tax	National	6%
	Documentary Stamp Tax	National	1.5%
Thailand	Transfer Tax	Sub-national	2%
	Stamp Duty	National	0.5%
	Special Business Tax	Shared	3.3%
Vietnam	Registration Tax	National	0.5%
	Income Tax on Sale	National	2%

Recurrent Property Tax as % of GDP



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Property Tax Policy and Administration

- Tax base coverage inconsistent
- Rates often inflexible; some use of progressivity
- Exemptions used to protect key sectors like agriculture
- Room to broaden base, make rates more flexible

- Valuations are a major challenge
- Lacks frequent revaluations, quality data, capacity
- Trend toward decentralizing to local governments
- But central support critical for consistency and access to technology



Valuation Practices

- Market value standard, but often outdated
- Mainly manual, only Korea using mass appraisal extensively
- Frequent revaluations stymied by capacity
- Transition to mass appraisal key for efficiency

- Korea utilizes a highly advanced Automated Valuation Model (AVM) for annual property revaluations
- The system integrates extensive property characteristics data, market transaction data, and spatial data
- Statistical analysis is used to develop valuation models that are then applied to individual properties



Data for Valuations

- Data scattered across agencies
- Declaration requirements vary
- Some efforts to build transaction databases
- Tech solutions emerging, e.g. aerial imagery

- Vietnam is developing a Multi-Purpose Land Information System (MPLIS)
- MPLIS aims to integrate land data from various government agencies into a centralized database
- In the future, MPLIS could serve as a platform for sharing land and property data across government levels and agencies



International Standards

- Alignment growing in importance for market confidence
- Most have adopted/aligned with key standards (IVSC, IFRS)
- But capacity to fully implement still lacking
- Compliance requires qualified valuers, quality data

- Continuing Professional Development (CPD) requirements for valuers vary significantly across ASEAN
- Some countries like
 Malaysia and Thailand require substantive CPD hours annually for license renewal
- Others likeCambodia and Lao PDR ave limited or no mandatory CPD requirements



Recommendations

Declaration of Real Estate Transactions

- Develop transparent transaction price databases
- Incentivize accurate declarations via tax policy
- Impose strict penalties for noncompliance
- Capture prices via integration with banking, notaries



Data and Information Technology

- Accelerate digitization of land records
- Integrate data across agencies via unique parcel IDs
- Develop multi-purpose land information systems
- Enable data sharing from local to central levels



Mass Appraisal

- Transition gradually to mass appraisal
- Secure political support, resources for transition
- Start with pilots, phased rollout based on readiness
- Leverage regional partnerships for knowledge sharing



Capacity Building

- Ensure compliance with international standards
- Boost capacity of valuation profession
- Strengthen academic programs, research
- Support professionalization via industry associations



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Thank You





From Policy to Implementation : Innovations in Land Management and Land Use Planning for Green Growth. Sri Lanka's Experience

By Dineka Jayasooriya Director (Land Policy) Ministry of Tourism & Lands Sri Lanka 17th May, 2024

CONTENT

- Background
- Land Sector Challenges to Sri Lanka's Development
- Key Priorities in Land Administration of Ministry of Tourism
 & Lands
- Sri Lanka's Current Experience in Land Management

BACKGROUND

- Sri Lanka is an island which has a total land area of 65,610 km² situated in South Asian Region.
- The 82% of lands are owned by the state
 - Land Commissioner General's Department
 - Land Reforms Commission
 - Sri Lanka Mahaweli Authority
 - Department of Forest Conservation
 - State Plantation Corporation
 - Janatha State Development Board
 - Plantation Companies
- Balanced portion of 18% is claimed by the Private Ownership.



BACKGROUND

- Land Administration in Sri Lanka is institutionally and functionally fragmented and geographically incompleted.
- Institutions of Land Administration in Sri Lanka
 - Ministry of Tourism & Lands (Playing the key role)
 - Land Commissioner General's Department
 - Land Title Settlement Department
 - Survey Department of Sri Lanka
 - Land Use Policy Planning Department
 - Land Reforms Commission
 - Registrar General's Department
 - Valuation Department
 - Provincial Councils
 - Local Authorities

LAND SECTOR CHALLENGES TO SRI LANKA' S DEVELOPMENT

Fragmented Land Records

Underutilized Agriculture Lands

Incomplete Land Tenure Data

Heavily – Regulated Land Markets

Underperforming Property Tax System

FRAGMENTED LAND RECORDS

- Multiple agencies participate in land management, resulting in multiple databases and poor data exchange.
- Cadastral operations hampered by incomplete digitization of paper records and multiple systems used to complete a single workflow.
- National Spatial Data Infrastructure (NSDI) needs further development to incorporate datasets, share them with the public, and contribute to decision-making.

UNDERUTILIZED AGRICULTURE LANDS

- Total underutilized lands of Sri Lanka are 358,123 ha as at 08.09.2023 (Source: LUPPD records).
- Restrictions on grants and permits on state lands hinder access to land to small-scale agricultural producers, who represent 80% of agricultural producers.
- Restriction of private ownership of agricultural land to 50 acres per person prevents economies of scale and hinders private sector agricultural investments (Land Reforms Law).
- Land fragmentation as a result of demographic growth continues to put downward pressure on agricultural productivity.

INCOMPLETE LAND TENURE DATA

- Survey Department struggles to service requests on a timely manner to make changes to state lands, creating backlogs.
- Full status on the location and use of lands owned by the state is not known.
- Regularization of informal occupations is hampered by the absence of an inventory on state lands.

HEAVILY – REGULATED LAND MARKETS

- The state has the ability to alienate land through permits, but they offer conditional rights, which can be cancelled for non-compliance.
- Insecure land tenure on grants and permits allocated on state lands inhibits households from realizing economic opportunities through collateral-based credit, investments, and migration.
- The request of permits is heavily regulated by the state creating situation where inheritances may be prevented due to a lack of compliance.

UNDERPERFORMING PROPERTY TAX SYSTEM

- The potential of property taxes to contribute to macroeconomic stability is limited by the outdated cadastral records.
- Local governments lack the capacity to conduct mass valuation to update property records.
- Fragmentation of land information systems has made it challenging for Provincial Councils to track tax revenue from stamp duties resulting from changes in ownership of a parcel.

KEY PRIORITIES IN LAND ADMINISTRATION OF MINISTRY OF TOURISM & LANDS

A. Policy Level

- Formulation and amendments of Policies.
- Formulation and amendments of Acts, Rules and Regulations
- Formulation of Manuals, Guidelines and Formats

B. Operational Level

- Integrated and automated robust and open Land Information System
- Inventory and rights registration on state lands and, automated revenue generation
- Land valuation and property taxation

C. Services Enhancement Level

- Capacity assessment
- Institutional strengthening
- Human Resource Development/ Capacity Building

SRI LANKA'S CURRENT EXPERIENCE IN LAND MANAGEMENT

✓ National Land Policy

- Act of Establish the National Land Commission

Land Market

- "Urumaya (Heritance) Program"
- Long Term Land Leases for Investors
- Securing Land Rights
 - Equal Access of all Women to Housing and Lands

NATIONAL LAND POLICY

ACT OF ESTABLISH THE NATIONAL LAND COMMISSION

- The thirteenth Amendment to the constitution of the democratic Socialist Republic of Sri Lanka, Appendix II – paragraph 3 is about the National Land Commission.
- According to this constitution the Government of Sri Lanka shall establish a National Land Commission which would be responsible for the formulation of national policy with regard to the use of State Land.
- The Legal Draftsman Department drafted the preliminary act of "Establish the National Land Commission".

LAND MARKET "URUMAYA (HERITANCE) PROGRAM"

- Permits and grants issued to the general public including mainly the farmer community under the Land Development Ordinance have to face various issues in utilizing for human development purposes due to being entitled to the absolute ownership of the land which they have developed and taken the possession of.
- "Urumaya (Heritance) Program" issue land deeds by granting the absolute ownership of the lands for who are holding permits and grants issued under the Land Development Ordinance.

LAND MARKET LONG TERM LAND LEASES FOR INVESTORS

- Institutions that carry out projects approved by the Board of Investment of Sri Lanka for commercial activities make significant contributions to the economy by investing substantial amounts of capital, delivering development activities, and creating opportunities for employment in rural areas.
- State lands are granted for such commercial purposes on long term lease basis for 30 years under the normal procedure or up to 50 years under the approval of the Cabinet of Ministers.
- By repealing the Crown Lands Regulations the *period for a lease of a* land for BOI projects shall be 99 years and period for land leases for commercial and agriculture activities shall be 50 years.

SECURING LAND RIGHTS EQUAL ACCESS OF ALL WOMEN TO HOUSING AND LANDS

• Ensured the equal access of all women to housing and lands, by including amendments to the Land Development Ordinance that restricts the inheritance rights of women and girls.

THANK YOU...!