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Accelerated Digitalisation and the Future of Land Administration Multi-Purpose Land Information System (MPLIS) and Vietnam's National Land Database

Mr. Dinh Hong Phong

Deputy Director

Central Project Management Unit - Vietnam Improved Land Governance Project

General Department of Land Administration - Ministry of Natural Resources and Environment

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Land Administration in VietNam

- **Land Administration in VietNam:**

- Viet Nam is a country in Southeast Asia, with an area of 331.212 km² and population of 99 million.
- The total land parcels is more than 100 million.
- Land management system in Vietnam: Central level: Ministry of Natural Resources and Environment (MONRE), rovincial level: Department of Natural Resources and Environment (DONRE)
- Land database: General Department of Land Administration (GDLA) and DONREs;
- NSDI: Department of Survey, Map and Geographic Information of Vietnam (DOMS)

- **Policy Vietnam Govement:**

- Govement: National Digital Tranformation Program (including National Land Database)
- Legislation: Land Law (Land Infornation System chapter); relevant, decree technical circular.



Current status of national land database

- **2021: Revenue from land reached 172,250 billion VND (7,43 billion USD), accounting for 15.2% of the total domestic budget revenue, 3.5 times higher than 2015.**
- **Land Database:**
 - 63/63 provinces have been building a land database, with more than 43 million land parcels, put it into management, operation, exploitation and use; 100% of the Land Registration Office has applied information technology in the management of cadastral records and land management.
 - Pilot operation of the unified National Land Portal.
- **National Digital Transformation Program to 2025, orientation to 2030 (chaired by the PM):**
 - 2025: Complete the National Land Database and Land Information System in a centralized, unified, synchronous, multi-purpose, inter-connected manner.
 - Provide online public services related to land to serve people, businesses...



Impacts of Covid19

- **Land revenue in 2021 has been reduced**, in the total state budget revenue in the above 3 years is 16.49%, 16.85%, respectively, and has decreased to 15% in 2021 due to the long-term freezing of the real estate market.
- **Negatively affect the progress of completing the National Land Database.**
 - Example of “Vietnam Improved Land Governance and Database Project” (VILG - Fund by the World Bank): expected to be completed in 2021 and integrated into the land database of 250 districts, but in fact the project had to be extended to June 2023 and the progress of completing the land database is delayed, so far 125/250 has been completed, expected by December 2022, 180 districts have been completed.
- **Policy of the Vietnamese government:**
 - Reducing the land rent of objects and businesses affected by Covid 2020 (15%), 2021(30%)
 - Accelerate disbursement of public investment capital to promote economic growth

NGUỒN THU TỪ ĐẤT QUA CÁC NĂM

Đơn vị tính: tỉ đồng



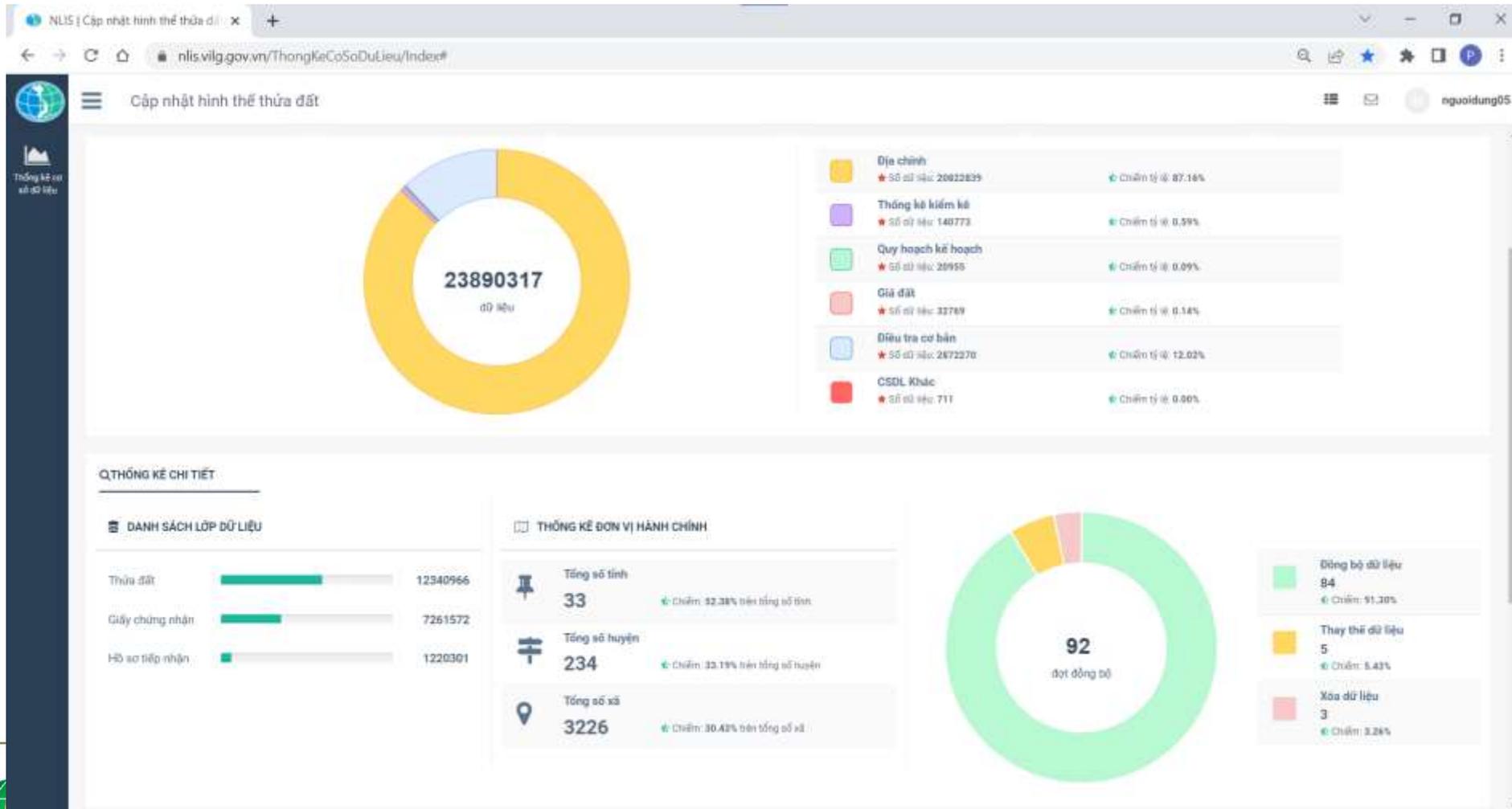
Digital Transformation in the property registration and cadastre

- **Policy of Government:** three most important databases that need to be prioritized to build, connect and share: Population, Land and Enterprise.
- **The National Land Information System** is designed and built into a centralized, unified, synchronous, multi-purpose and interconnected system nationwide , consists of the following basic components: a) Information technology technical infrastructure;b) Software for building, managing, operating and exploiting the national land database; c) National Land Database
- **The National Land Database** is unique, The national database on land is unique, the management rights are decentralized from the central to the local.
- Relevant ministries, branches and agencies may inter-connect specialized databases to update, share, exploit and use information with the national land database.
- The State creates favorable conditions for organizations and individuals to access and exploit information and data on land.

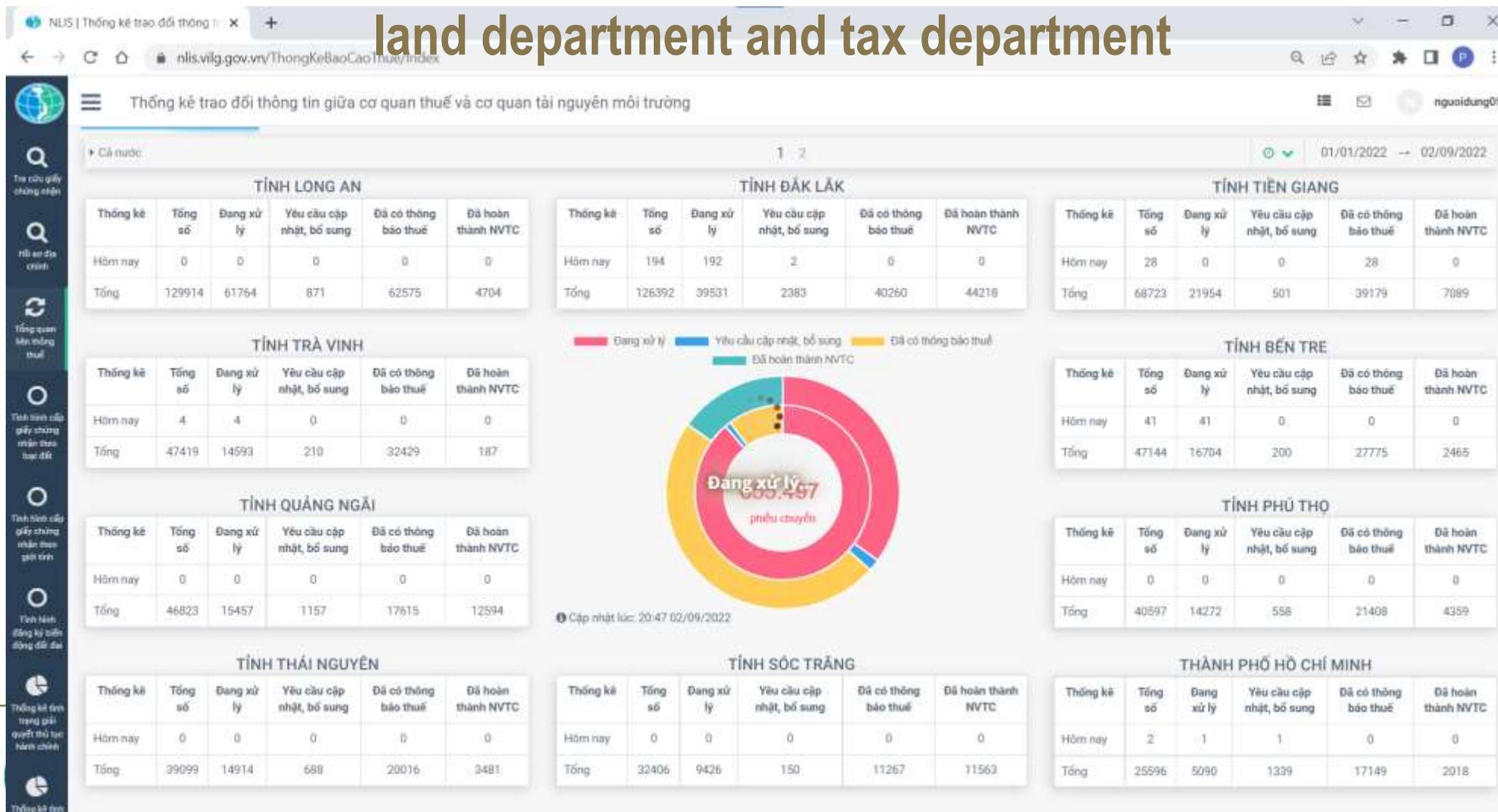


<https://nlis.vilg.gov.vn/>

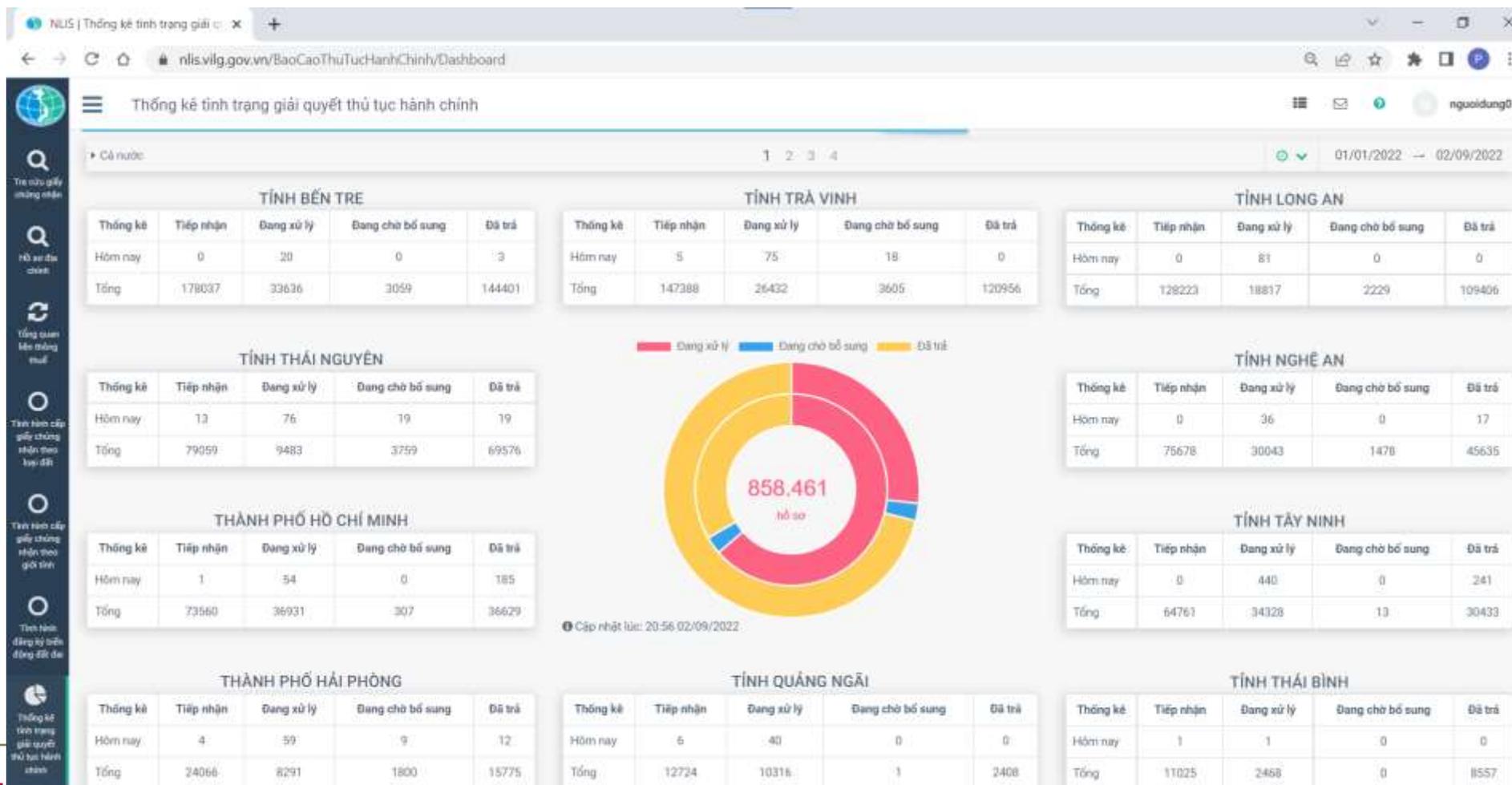
The situation of building the national land database nationwide



The statistics on the status of interconnection between the land department and tax department



Statistics on the status of online processing of land transactions



NSDI – key achievements, major challenges

- **Key achievements**
 - Law on Surveying and Cartography: surveying, cartography and national geographic information infrastructure.
 - Building National Based Geographic Database at the scale of 1:25K, 1:50K, 1:100K; 1:250K, 1:500K, 1:1,000K; Location Information System of 63/63 provinces.
 - NSDI: MONRE connects specialized databases: based geographic DB, land DB, Environmental DB, ect ...
 - Vietnam is boosting digital infrastructure: cloud storage infrastructure, telecommunications infrastructure.
- **Major challenges**
 - Standard
 - Not up to date
 - Data are still conflicting and inconsistent
 - no mechanism to encourage organizations and individuals
 - Education

Key Challenges as a result of accelerated digitization and any actions taken

- **Key Challenges**

- Use of online land services is limited for ethnic minorities
- The cost to complete the national land database.
- Land changes rapidly and frequently.
- Financial resources for maintaining a sustainable land information system.

- **Actions**

- Invest to complete MPLIS and national land database
- Training, communication strategies, focusing on ethnic minority groups
- Accelerating the deployment of online public services in the land sector
- Providing land information as a public service, have appropriate land service fee

Looking Ahead

- Complete the infrastructure and software of the multi-purpose land information system in a centralized model
- Strengthening online public services in the land sector
- Complete the land database in the entire territory of Vietnam
- Strategy to develop a sustainable national land information system
 - Strategic requirements for the National Land Information System
 - Analysis of investment and mining models
 - National Land Information System Roadmap
 - Investment plan for 10 years



Land Equity
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