



Presented at the FIG Working Week 2023,
28 May - 1 June 2023 in Orlando, Florida, USA

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Protecting
Our World,
Conquering
New Frontiers

Digitalization of Systematic Land Registration Process in Georgia

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Solution



Establishment of the National Agency of Public Registry under Ministry of Justice of Georgia



Launch of the Nationwide Systematic Land Registration reform in 2022



E-governance and New Products

Electronic Minutes Application

- Implementation of artificial intelligence in citizen identification
- Reduction of registration performance time by 50%
- Automatic preparation of cadastral plan and situation drawing

Development of an interactive map - maps.gov.ge

- Mobile Application
- POI
- Automatic translation of extract into English
- Navigation
- 360° Street View
- Automatic update of Extract
- 3D Buildings
- Buying immovable property with smart contract

Blockchain & Smart contracts & AI

Capacity Building - Innovation

Agile Transformation



ICT Assessment and Upgrade



New IPRS System



Electronic Minutes Software (EMS)



Electronic Minutes

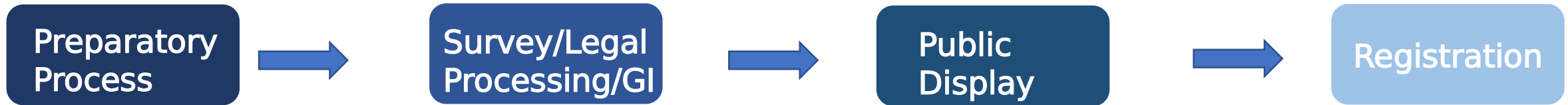
Field Inspection minutes were digitalized and data is exchanged in real time from the fields. Surveyors equipped with Tablets fill in the data electronically. Some of the information is generated automatically to save time and resources. Software developed by NAPR in house Team automatically connects to different databases to provide every available information to the staff on the ground.



The outline of the plot and the buildings is created based on the data measured in the field and all the necessary information is gathered in one, centralized database.

Electronic Minutes Application– Live Registration

Updated Business Process



Capabilities:

- Land Plot Cadastral Map, with respective boundary lines, GPS points, building description and other cadastral information;
- Data on the owners, interested persons, family members, household members. Information is directly linked to the Public Service Development Agency database and it automatically generates information if the ID information is entered in the respective fields;
- Ownership Data, Area According to the respective legal documents, data on the title documents and possibility to attach the electronic copy if needed;
- Data on other residents of the registration block, bordering land plots etc;
- Land usage data, information on crops, buildings etc. which is generated from GIS;
- Electronic Signatures and etc.



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Thank you!
Q&A

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