

Agency for Geodesy,
Cartography and Cadastre of
the Republic of Moldova

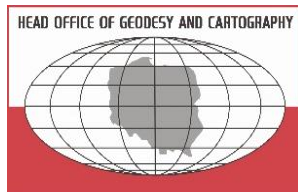


The Cadastral System in the Republic of Moldova

on the Path to Modernization

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Agency for Geodesy, Cartography and Cadastre
Republic of Moldova





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Legal and Institutional Framework

1999-2001

Initiation of mass primary registration and creation of the Real Estate Register and Graphical Database

2007

Creation of the e-Cadastre web portal and the launch of network services for accessing cadastral information

2016

Implementation of the electronic system for submission and processing of reception requests for cadastral works carried out by companies providing cadastral services.

1998

Law on Real Estate Cadaster no. 1543/1998 and Government Decision on Measures regarding the Establishment of Real Estate Cadaster no. 1030/1998 which establishes the cadastral system

2002

Creation and implementation of the Information System for Valuation of Real Estate for tax purposes

2014

Creation and implementation of the Register of Administrative-Territorial Units and Addresses and Initiation of the digitization process of floor plans and the creation of the information system for their storage and systematization

2024

Digitizing the application submission process by developing and implementing the FOD and e-Notar platforms



Agency for Geodesy, Cartography and Cadastre

Regulatory authority in geodesy, cartography, and cadastre — responsible for standardization, oversight, and the establishment of a national certification and framework for cadastral engineers and registrars.



Public Institution Real Estate Cadastre

Operates the Real Estate Register, manages cadastral maps, digitizes documentation, is responsible for organizing and coordinating cadastre activities, as well as registration and valuation of real estate properties at the national and territorial levels, ensuring the application of legal regulations in these area



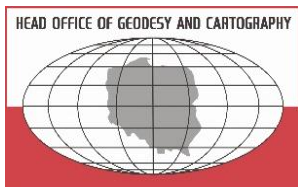
Agency for Public Property and Local Public Authorities

Validate field data, support public land administration, and assist rural data updates.



Public Notaries

Legal control of property transactions, ensure lawful registration of rights



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Key Functions of the Cadastral System



Property Registration

Secures property rights through legal registration, ensuring ownership and facilitating transactions.



Cadastral Database Updating

Continuously updates cadastral records with field data, new measurements, physical changes, and corrections to reflect real-world conditions.



Property Valuation

Sets cadastral values to ensure fair taxation, updated through periodic revaluations



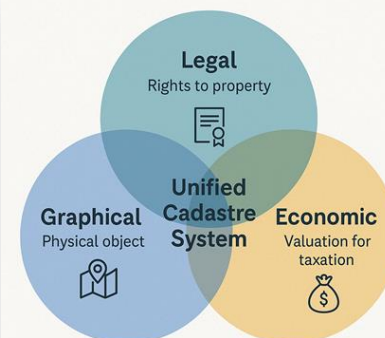
Provision of Cadastral Information

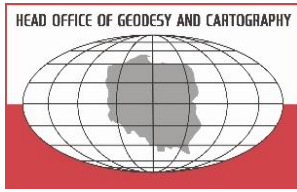
Provides certified property data, extracts from the Real Estate Register, cadastral plans, and valuation certificates



Administration of the register of localities and addresses

Manages the State Register of Administrative-Territorial Units and Addresses, ensuring standardized postal address management and connecting properties to the national system





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Cadastral Database Structure

MOLDREF99



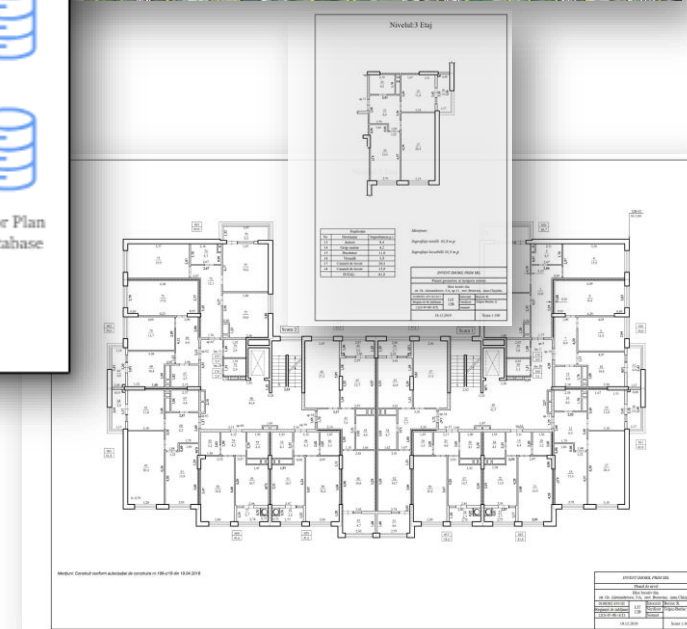
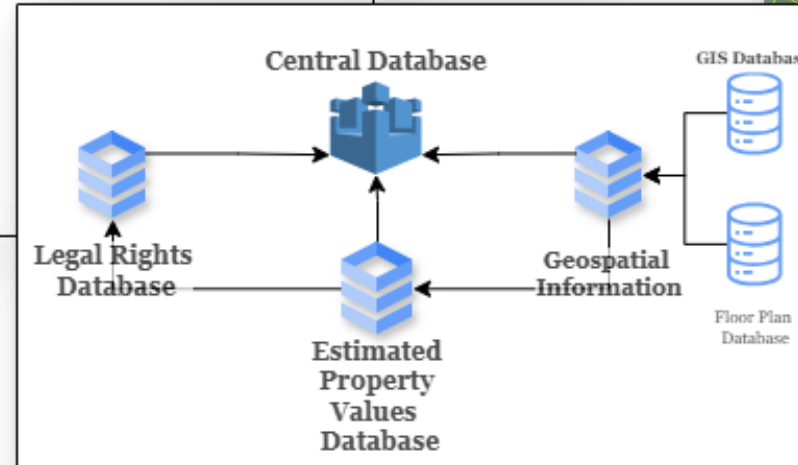
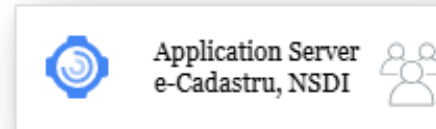
Projection:

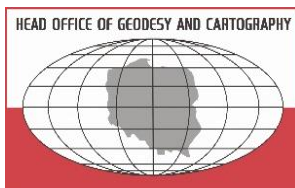
ETRS89
GRS80

Transverse Mercator

Real Estate Property Register	Objects of Registration
Information about the object of registration	A. Land B. Buildings C. Premises I: Description of the object (Cadastral number, Address, Area, other data) II. Property rights (Individuals, Legal entities, Legal acts/deeds, property rights) III. Encumbrance on property rights (Other real rights, Encumbrances, Restrictions)

Fully digital
~72 million paper documents (contracts, sketches, protocols) scanned (2019–2024, World Bank project).

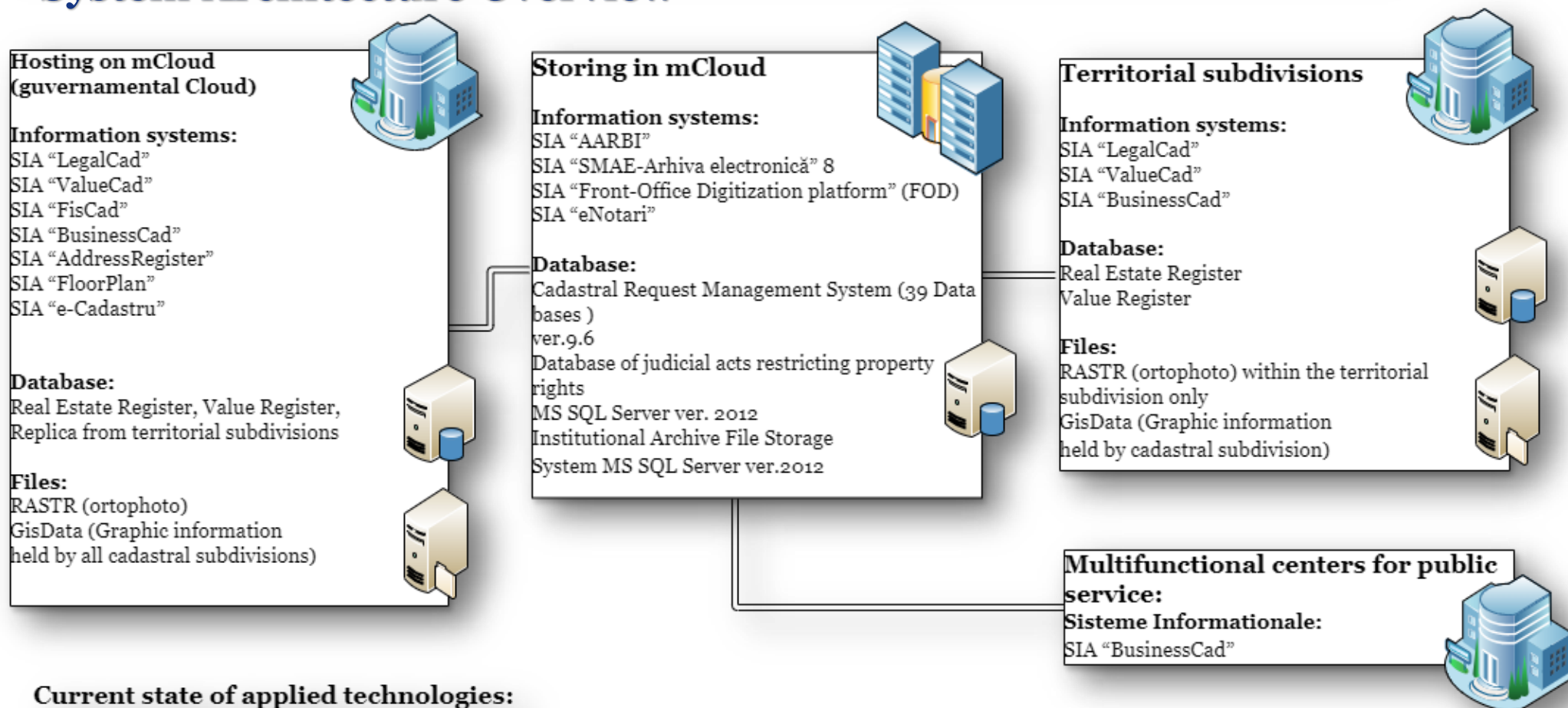




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System Architecture Overview



Current state of applied technologies:

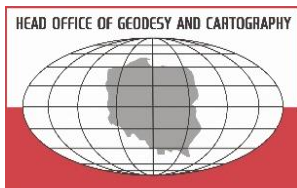
Database Management:

Oracle 19c, Oracle SDO 19c, MS SQL 2012, PostgreSQL 15

Development Tools:

PowerBuilder, PL/SQL Developer, Oracle Application Express, Visual Studio, MapBasic, MapSever, Java, Geosever

GIS Tools: MapInfo Professional, Inventory, qGis



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Digitalization and Public Access to Cadastral Information



e-Notar

Notaries submit registration requests online; certificates issued digitally via **MCabinet**



RBI Access

Authorized users access and update property data in real time via **AARBI**



Online Reception

Cadastral works submitted and approved fully online through **OTRS**



Impact

Eliminates physical archive dependency, reduces territorial fragmentation, and supports new digital services.



Online Access

Request extracts, valuations, via **servicii.gov.md** and cadastral maps and on **e-Cadastre** platform.



Secure Access

Requires authentication and electronic signature; payments made via **MPay**.



Verified Documents

Electronically issued with registrar's digital signature; QR code verification available.

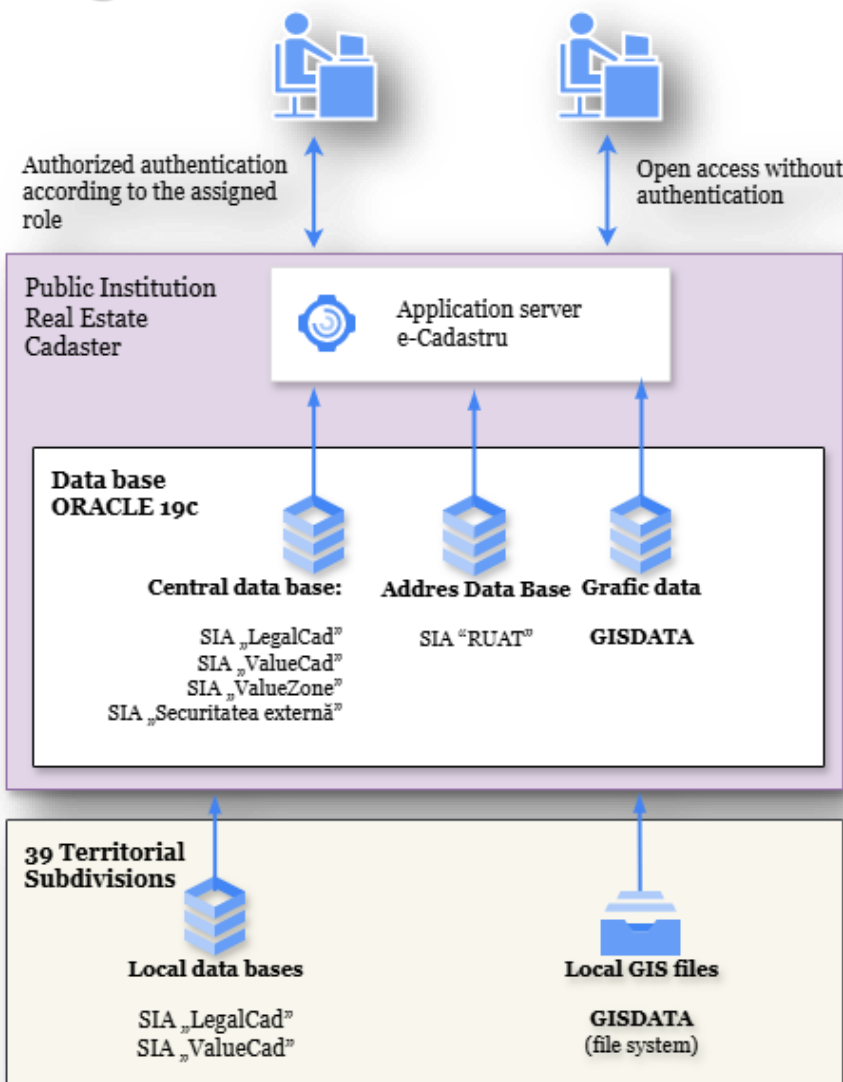


Optional Delivery

Documents available in electronic or printed form;
Documents accessible via **MCabinet** or delivered in print to the applicant via **MDelivery**.

e-Cadastru – Digital Cadastre Portal

- ☐ Search by cadastral number
- ☐ Search by address
- ☐ Search by owner
- ☐ Navigate cadastral map
- ☐ Download cadastral plan
- ☐ Register files
- ☐ Valuation data

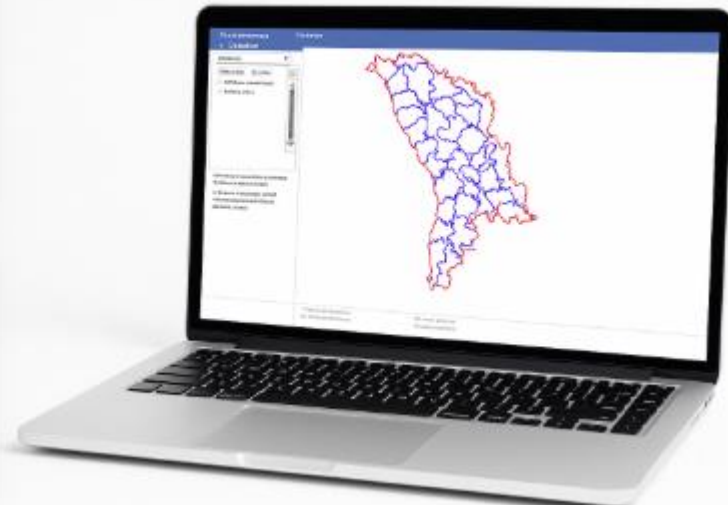


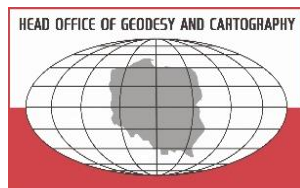
Address map

Buildings

Parcels

Administrative territorial units





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National Spatial Data Infrastructure (NSDI)



NSDI Geoportal can be defined as a single access point for discovery, visualization and downloading spatial data from various sources, described by metadata. One of the basic functions of the NSDI Geoportal is the possibility of combining and viewing spatial data held by different responsible public entities.

NSDI Geoportal

The technical platform to discover, view and exchange spatial data within Moldovan NSDI.

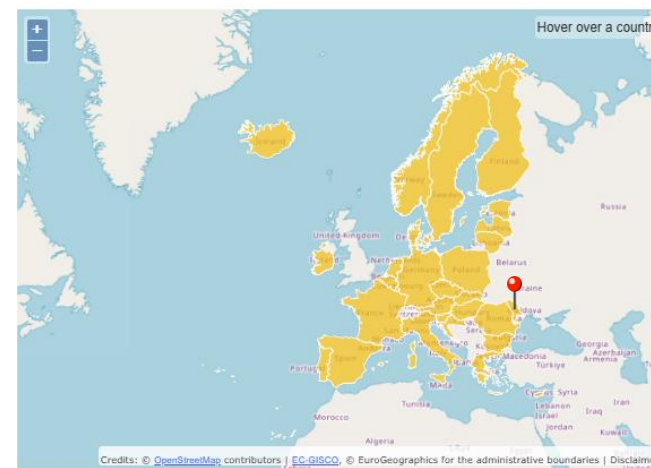
Enter keywords

[View on map](#) [View metadata](#)

157 network services
33 NSDI subjects
353 metadata records

[Natural risk zones](#) [Addresses](#) [Geographical names](#) [Coordinate reference](#) [Administrative units](#)

INSPIRE Datasets - EU & EFTA Country overview



Geoportal Dataset Statistics

131974
Metadata records

101279
Downloadable Datasets

103514
Viewable Datasets

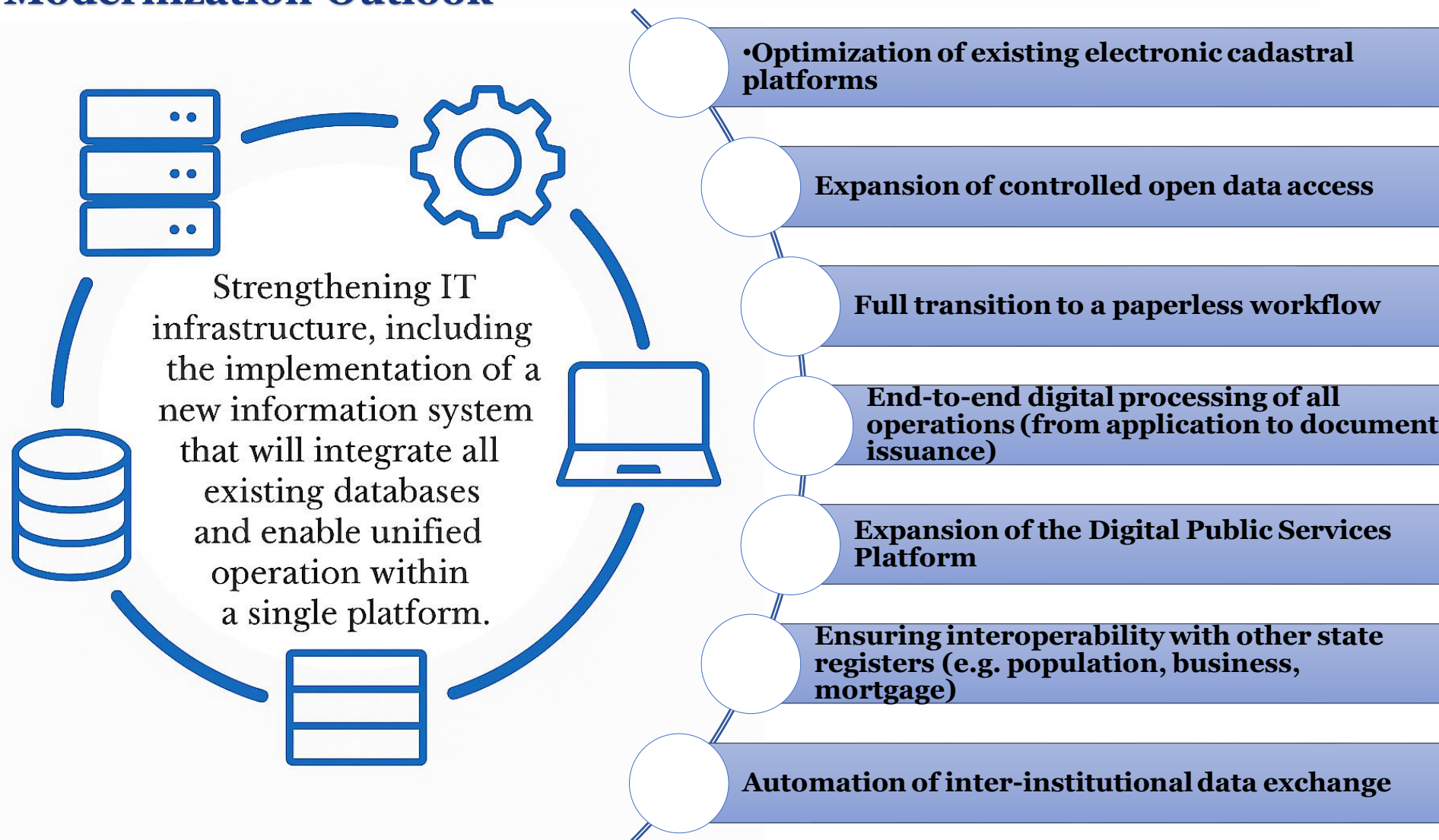
Spatial scope coverage:

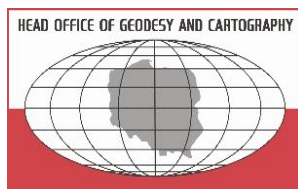
- ☐ National
☐ Regional

Select a country

Austria	1172 1155 537	Greece	45 45 44	Netherlands	227 196 201
Belgium	813 557 586	Hungary	78 57 55	Norway	142 49 22
Bulgaria	167 115 129	Iceland	106 82 85	Poland	172 129 123
Croatia	145 96 127	Ireland	84 72 61	Portugal	345 223 222
Cyprus	42 42 41	Italy	8519 2899 4543	Romania	124 52 43
Czech Republic	94 88 99	Latvia	158 87 94	Slovakia	147 138 142
Denmark	197 144 134	Liechtenstein	88 38 56	Slovenia	81 40 42
Estonia	92 73 74	Lithuania	103 102 66	Spain	380 362 385
Finland	446 210 252	Luxembourg	316 314 293	Sweden	250 225 231
France	211 119 145	Malta	152 151 150	EUROSTAT	30 30 30
Germany	118868 93400 94324	Moldova	189 4 95		

Modernization Outlook





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Thank you for your attention!



<https://www.agcc.gov.md>



<https://www.geoportalinds.gov.md>



<https://www.sigsnl.gov.md>



<https://www.geodata.gov.md>

