

Improving spatial planning, construction, and real estate maintenance in Slovenia



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Surveying and Mapping Authority of the Republic of Slovenia

March 2023

The programme of the projects eProstor



Operational Program for the implementation of European Cohesion Policy, period 2014-2020, for the priority axis 2

Specific objective: Transparency and efficiency in spatial planning, construction and property management

Expected result: Established IT infrastructure for spatial information and services, which will provide support for the public administration and citizens at planning, construction and real estate management

Carried out by The Surveying and Mapping Authority of the Republic of Slovenia and Ministry of the Environment and Spatial Planning

Content of the eProstor

COMMON INFRASTRUCTURE FOR SPATIAL INFORMATION



RENOVATION OF THE REAL ESTATE RECORDS SYSTEM



DATA ACQUISITION AND DATA QUALITY IMPROVEMENT



SPATIAL INFORMATION SYSTEM



PROJECT MANAGEMENT AND INFORMATION



COMMON INFRASTRUCTURE FOR SPATIAL INFORMATION

- SDI coordination mechanisms.
- Implementing the obligations from the INSPIRE directive.
- Provide conditions for free flow of the spatial information between the authorities of the public administration in Slovenia and their exchange with authorities of the European Commission and between Member States.
- The transformation of all data into the new coordinate system - D48/GK to European compatible coordinate system D96/TM
- Portal Prostor <https://www.e-prostor.gov.si/>.



The organization and the establishment of common infrastructure

Interoperability, services


Common infrastructure



Distribution environment





Metadata










COMMON INFRASTRUCTURE FOR SPATIAL INFORMATION



Public view in graphical and descriptive data.

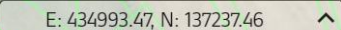
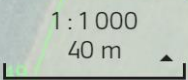
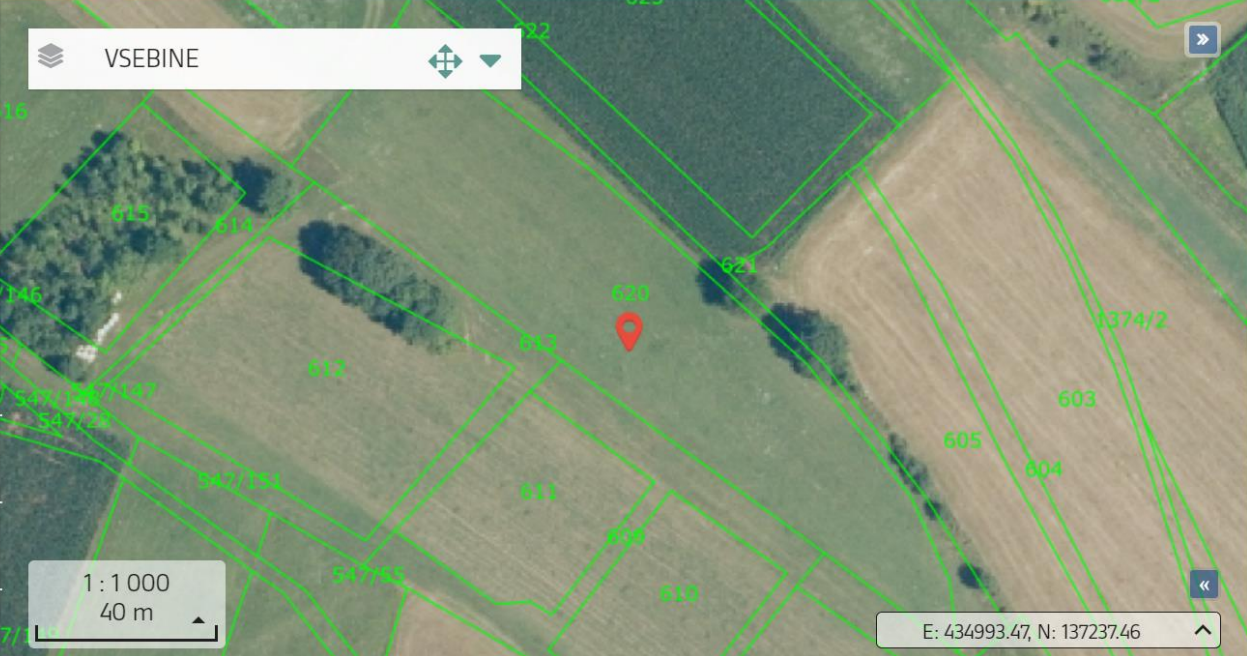
**REPUBLIKA SLOVENIJA**



**Javni vpogled** 





PARCELE  2155 62   



VSEBINE  



**2155 x 620**

Parcela    

Katastrska občina: 2155 HRAŠE

Številka parcele: 620

Površina parcele: 4.133 m²

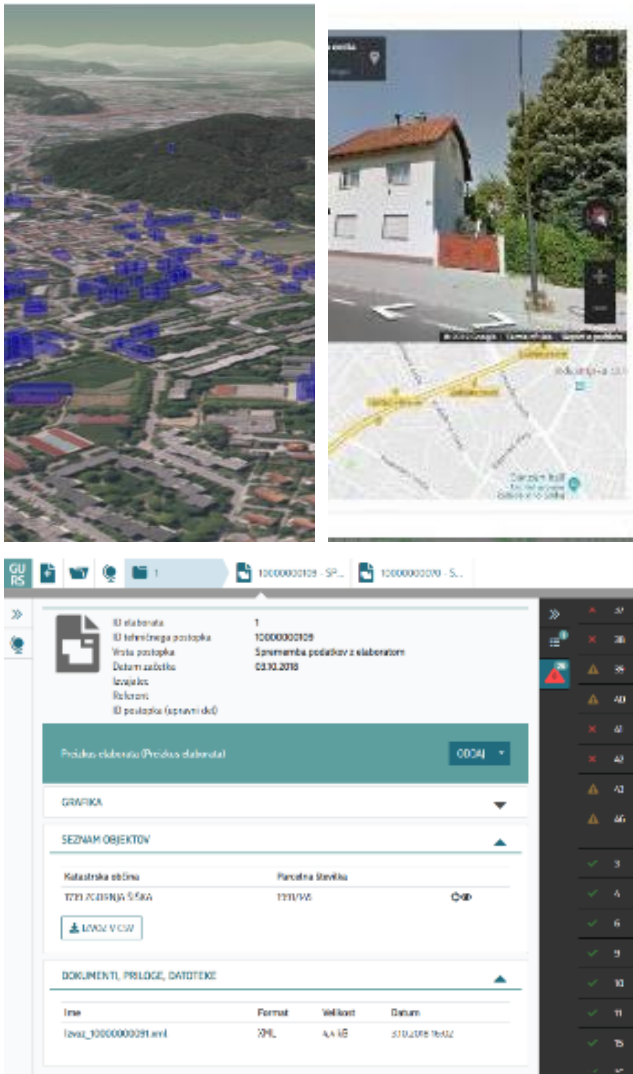
Urejena parcela: ni urejena

Katastrski dohodek: 37,62 €

Število bonitetnih točk: 60

Omejitve spreminjanja mej parcele: Ne

Vrsta dejanske rabe zemljišč na parceli **Delež dejanske rabe zemljišč na parceli**

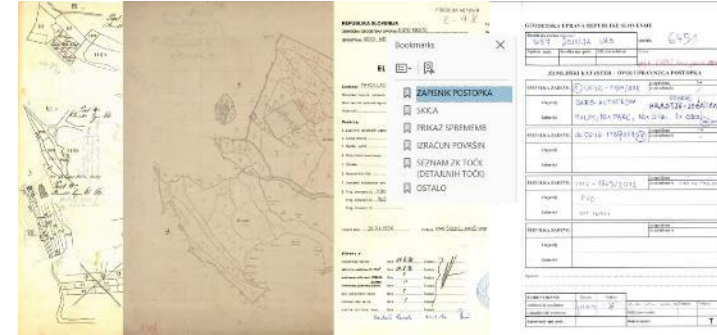


RENOVATION OF THE REAL ESTATE RECORDS SYSTEM

- Unified information solution (IS Kataster).
- A single-entry point for communication between all users.
- Digital submission of all expert elaborates – proposal for record updates.
- Expert elaborate control in all phases of updating records.
- Connection with other information systems.
- e-commerce between actors and users of the system.
- Optimization and a unified way of data maintenance and process management.

DATA ACQUISITION AND DATA QUALITY IMPROVEMENT

- Scanning of the elaborates - land cadastre, building cadastre and national spatial plans
- Over 9 million documents were scanned, so that today the entire archive already includes 23 million documents.
- Geodetic companies can obtain digital data from the archive records.



Iskanje po parceli

Iskanje po upravljavcu

Iskanje po ZK točki

Iskanje elaborata

Iskanje po katastru:

Katastrska občina
 NOVO MESTO

Parcelna številka

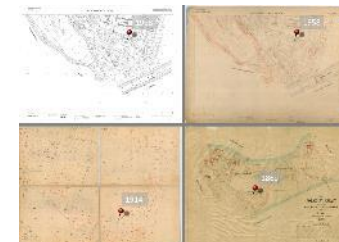
Št. elaborata

POIZVEDI **BRISI**

POIZVEDI PO ARHIVU

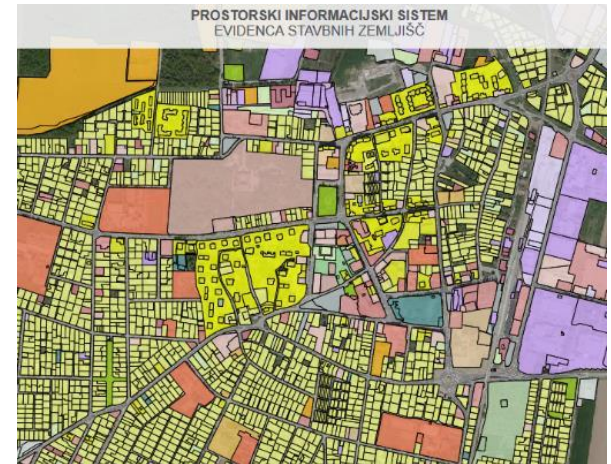
Rezultat poizvedbe:

Zadežkov1	Šifra katastrske občine	Izve katastrske občine	Št. elaborata	Zaključek postopka	Vloga	Podrobnosti	PDF elaborata
	1456	NOVO MESTO	5042	12.02.1998	90312-00104/1996		1456_05042_000.pdf (1) Preveri

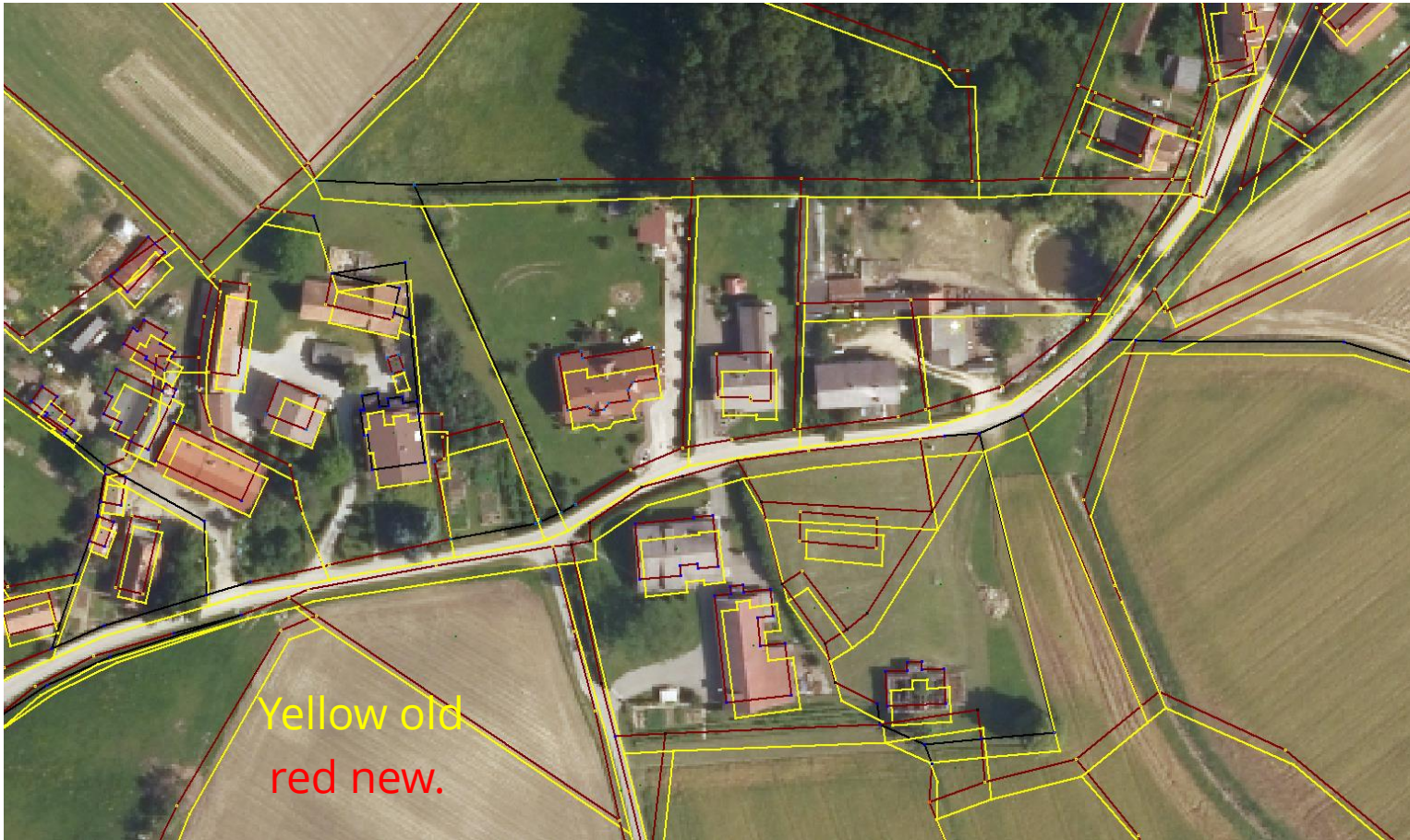


DATA ACQUISITION AND DATA QUALITY IMPROVEMENT

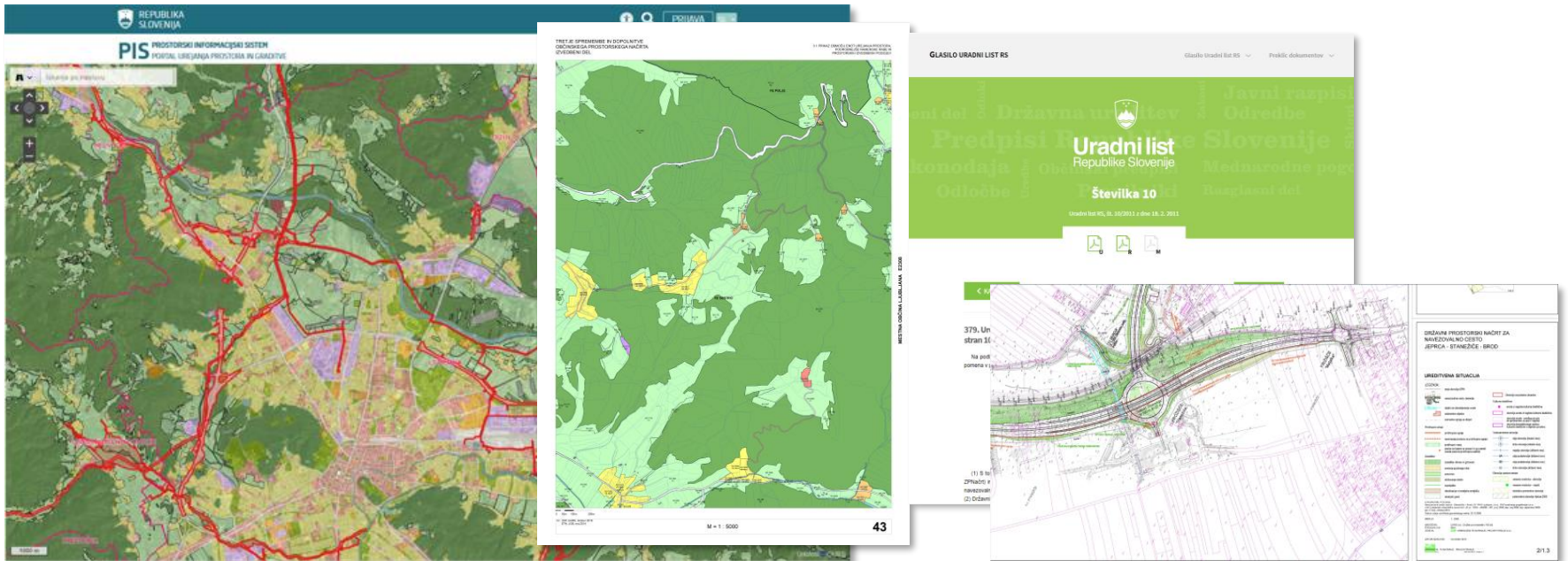
- A large part of the graphic data of the land cadastre comes from 200 years ago - gap between the data.
- Improvement of the graphical part of the land cadastre eliminates a large part of the graphic gap between the data.
- Data available to users in the form of a land cadastre layer that is being incorporated into the new real estate records system.
- Capture data on the actual use of the built-up land.



Improvement of the graphical part of the land cadastre



- !! There is no interference with the ownership and rights of the owners
- !! The data on the area of the parcels does not change



SPATIAL INFORMATION SYSTEM

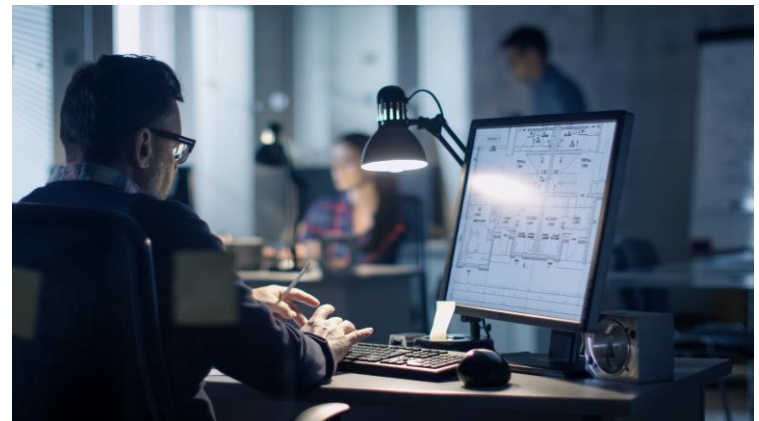
- The system combines four main sets of digital services:
 - ✓ electronic business in the field of spatial planning,
 - ✓ electronic business in the field of building construction,
 - ✓ monitoring the state of spatial development
 - ✓ building land record,
- System is complemented with spatial data sets and interactive graphic view.
- Possible to monitor procedures, view data and documentation, and submit comments and suggestions during public presentations of the data.
- Provides insight into the building construction documentation.

The programme of the projects eProstor

- The investment was co-financed by the Republic of Slovenia and the European Union from the European Regional Development Fund.
- The total realization of the project was just over 21 million euros.
- 60 public order procedures
- 55 contracts signed with external contractors.
- In addition to full-time employees, 41 project employees participated in the project.
- More than 500.000 working hours.



EUROPEAN UNION
EUROPEAN REGIONAL
DEVELOPMENT FUND



Informing the public

- 17 electronic newspapers
- 3 books
- 6 presentation videos
- series of occasional brochures
- 5 conferences



OMREŽNE STORITVE
ZA PROSTORSKE PODATKE



»Program projektov eProstor«
eProstor - en prostor za vse



eProstor
EN PROSTOR ZA VSE

VSEBINA

1. Zbiranje A. Raza (zbiranje zemljepisnih podatkov)
2. Novi podatki in vseh izpolnjenih delov datotek in vseh podatkov, ki jih pridobijo drugi viri
3. Uključevanje novih podatkov in map
4. Masovni zapis podatkov zemlje
5. Projekt eProstor predstavlja na 47. Geodetskem dnevu
6. Sodelovanje na posvetih DND
7. Projekt eProstor predstavlja o delovnih mestih
8. Pridobitev in vnos podatkov iz drugih virov, kot so: kataster, GIS,...
9. Objava v glasilu Glas občin
10. Dopolnje, kaj se predstavlja projekt eProstor

MAJ 2019
eNovice / STEVILKA 6

Od gosjega peresa
do računalniškega
oblaka

From quill to
the cloud



Geodetska uprava Republike Slovenije
Surveying and Mapping Authority of the Republic of Slovenia

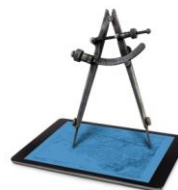
SLOVENSKA ZEMLJA
NA KATASTRSKIH NAČRTIH
SLOVENIAN LAND
ON CADASTRAL MAPS



Geodetska uprava Republike Slovenije
Surveying and Mapping Authority of the Republic of Slovenia

Dediščina
katastrov na
Slovenskem

The Cadastral Heritage
of Slovenia



Geodetska uprava Republike Slovenije
Surveying and Mapping Authority of the Republic of Slovenia

Ustvarjamo
eProstor



..... the story goes on



Green Slovenian Location Framework

- Horizontal digital connection of space, environment, real estate, water and nature.
- Smart management of space as a limited natural resource.
- Easy access to the data and services will shorten the procedures and thus the economy, the population and other decision-makers will be able to make quality and quick decisions.



**Funded by the
European Union**
NextGenerationEU

Thank you for your attention.

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REPUBLIC SLOVENIA
MINISTRY OF NATURAL RESOURCES AND SPATIAL PLANNING
SURVEYING AND MAPPING AUTHORITY OF THE REPUBLIC OF SLOVENIA