

GUNB in the Area of Construction Process Digitalisation and BIM

**Electronic Submission of Applications for Building Permits and Other
Digital Procedures in Construction**

24th – 25th of April, Warsaw



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GUNB i.e. GENERAL OFFICE OF BUILDING CONTROL

GUNB is part of Polish governmental administration



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GUNB's Areas of Operation

- Judicial decisions;
- Construction law interpretations;
- Construction and building inspections;
- Building materials;
- **Digitalisation.**



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PRIME MINISTER

MINISTER OF DEVELOPMENT
AND TECHNOLOGY

GENERAL OFFICE OF BUILDING CONTROL (GUNB)

REGIONAL AUTHORITIES



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Digitalisation Initiatives by GUNB

- addresses the needs of modern society,
- responds to the crisis of the older administration processes,
- promotes legislative changes in building regulations,
- affects state and local government budgets,
- influences life comfort and satisfaction at work.



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Digitalisation Timeline

Digitalisation of Building
Procedures

GUNB Register Modernisation
and Systems Development

Regional Authorities
Digitalisation

2020-2021



Electronic Submission
of Applications for
Building Permits

2022-2023

2024-2027

BIM Standard
Implementation
in Perspective



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Digital Solutions for Construction



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**Budownictwo
= Construction**

e-Budownictwo Web Portal

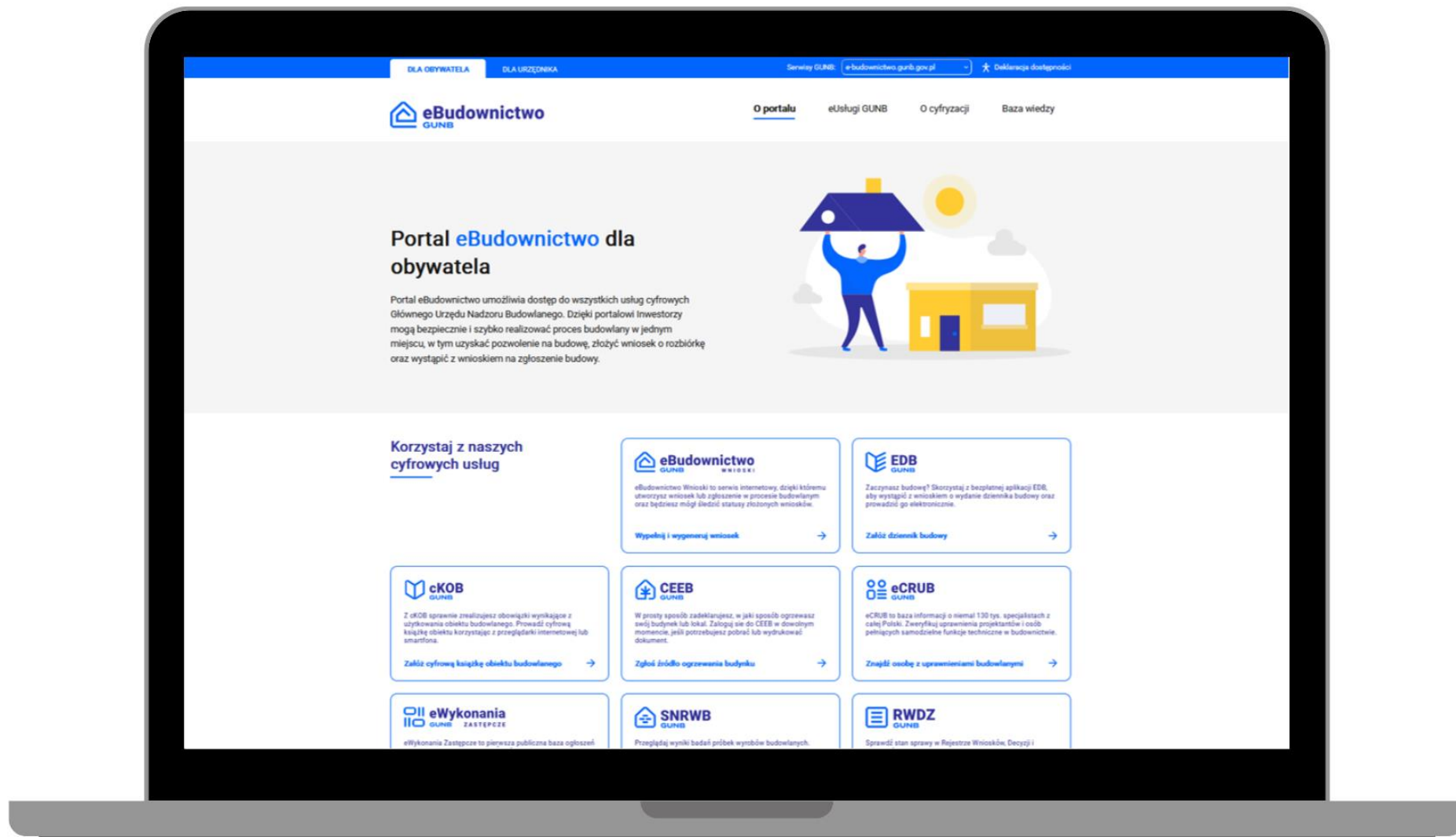
- Access gateway to GUNB services;
- Information about digital projects;
- Knowledge base;
- Fully digital implementation of the investment and construction process;
- Easy access @ e-budownictwo.gunb.gov.pl.

e-Budownictwo Application

- 32 online forms;
- Electronic submission of applications for building permits;
- Case status tracking;
- Construction law guide;
- Organized form of all applications required in the construction process.

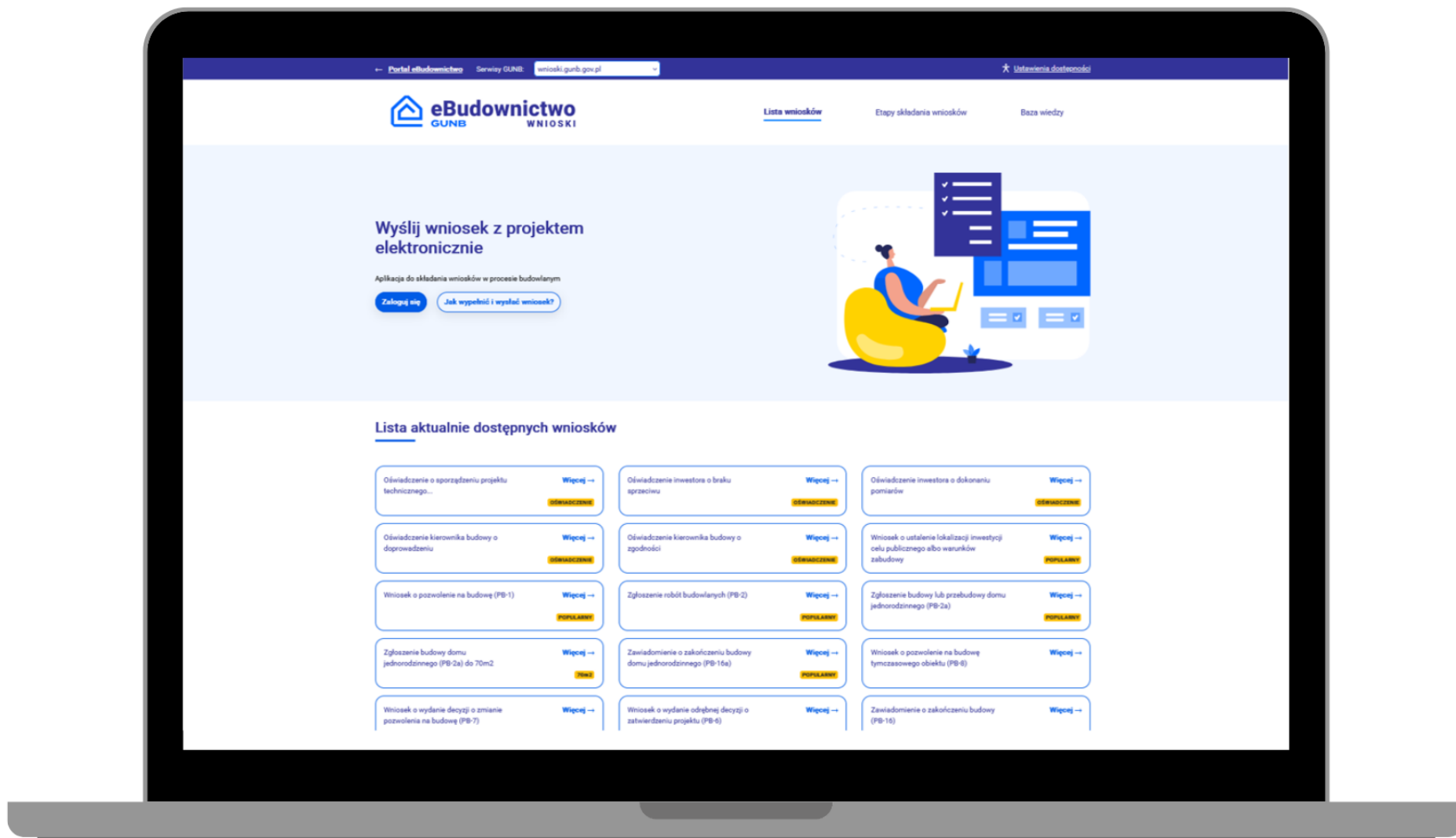


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Electronic Construction Log (EDB)



- Addition and removal of construction process participants;
- Monitoring of construction by real-time tracking of entries;
- Automatic entries;
- Generation of reports (authorities);
- Web and mobile application;
- IT Wings in Administration 2023 award.

Digital Building Book (c-KOB)

- Mandatory inspection data;
- Other building object data;
- Increased object security through online access for emergency services;
- Required for particular building objects;
- Web and mobile application;
- IT Wings in Administration 2023 award.

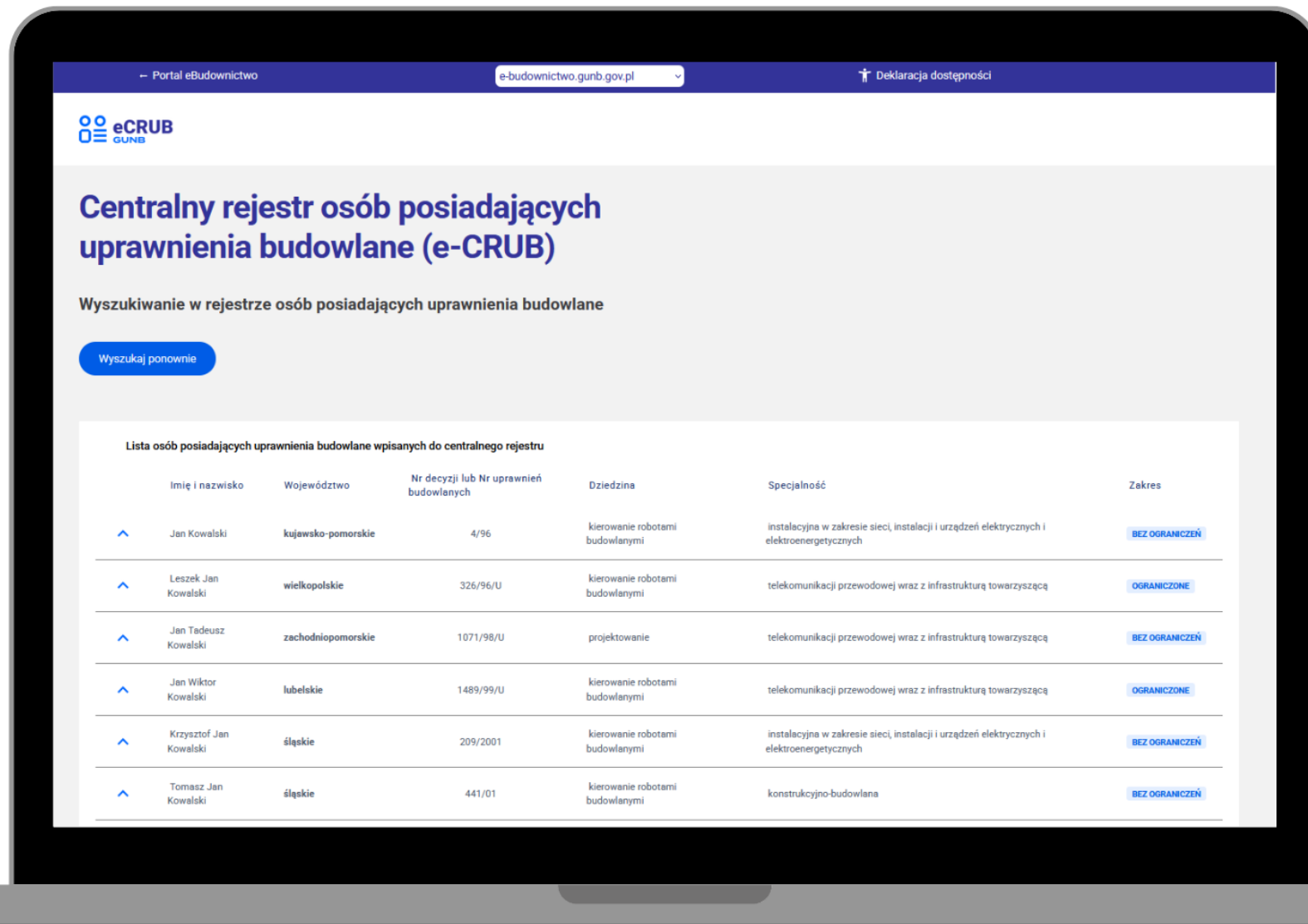


e-CRUB

- Electronic central register of professionals with building qualifications;
- 130 000 individuals qualified to perform technical functions in construction;
- Quick and efficient verification of the qualifications;
- Dedicated search engine for citizens and officials;
- Faster process of building qualifications authorisation.



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Central Register of Emissions from Buildings (CEEb)

- The first database of heat sources and fuel combustion sources in Poland and Europe;
- Handling of citizen declarations;
- Building inventories;
- Chimney inspections with electronic inspection reports;
- Wide range of stakeholders: citizens, officials, entrepreneurs;
- IT Wings in Administration 2025 award.

CEEB Benefits

- Improved air quality: the system enables monitoring of sources of emissions from buildings, which is crucial in the fight against smog and air pollution;
- Support for municipalities in implementing low-emission policies;
- Facilitated building inventory;
- Ability to plan and obtain financial support;
- Easy access to information for citizens.



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SOPAB

Our goal is to have one central system for offices
SOPAB i.e. **System for Handling Administrative
Proceedings in Construction (SOPAB)**



Fundusze Europejskie
na Rozwój Cyfrowy



Rzeczpospolita
Polska

Dofinansowane przez
Unię Europejską





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SOPAB i.e.

- First
- Central
- State
- Integrated
- Common

Fully digital, specialised solution for construction, dedicated to public administration.

SOPAB

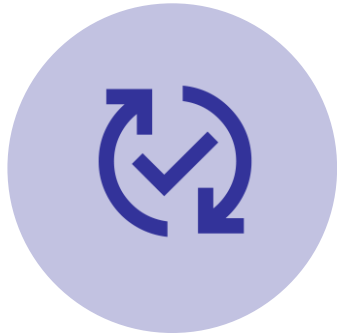
Features

- Loading data from forms from e-Budownictwo Application;
- Synchronisation of documents between SOPAB and office software;
- Ability to register a case in a mandatory GUNB system (RWDZ);
- Information about cases related to a specific plot, with a built-in mapping system;
- Automatic reports generation;
- Document templates, etc.

SOPAB Benefits



**Dedicated tool for
working with a digital
construction project**



**Data automation
and reuse. Reduction of
manual and routine work**



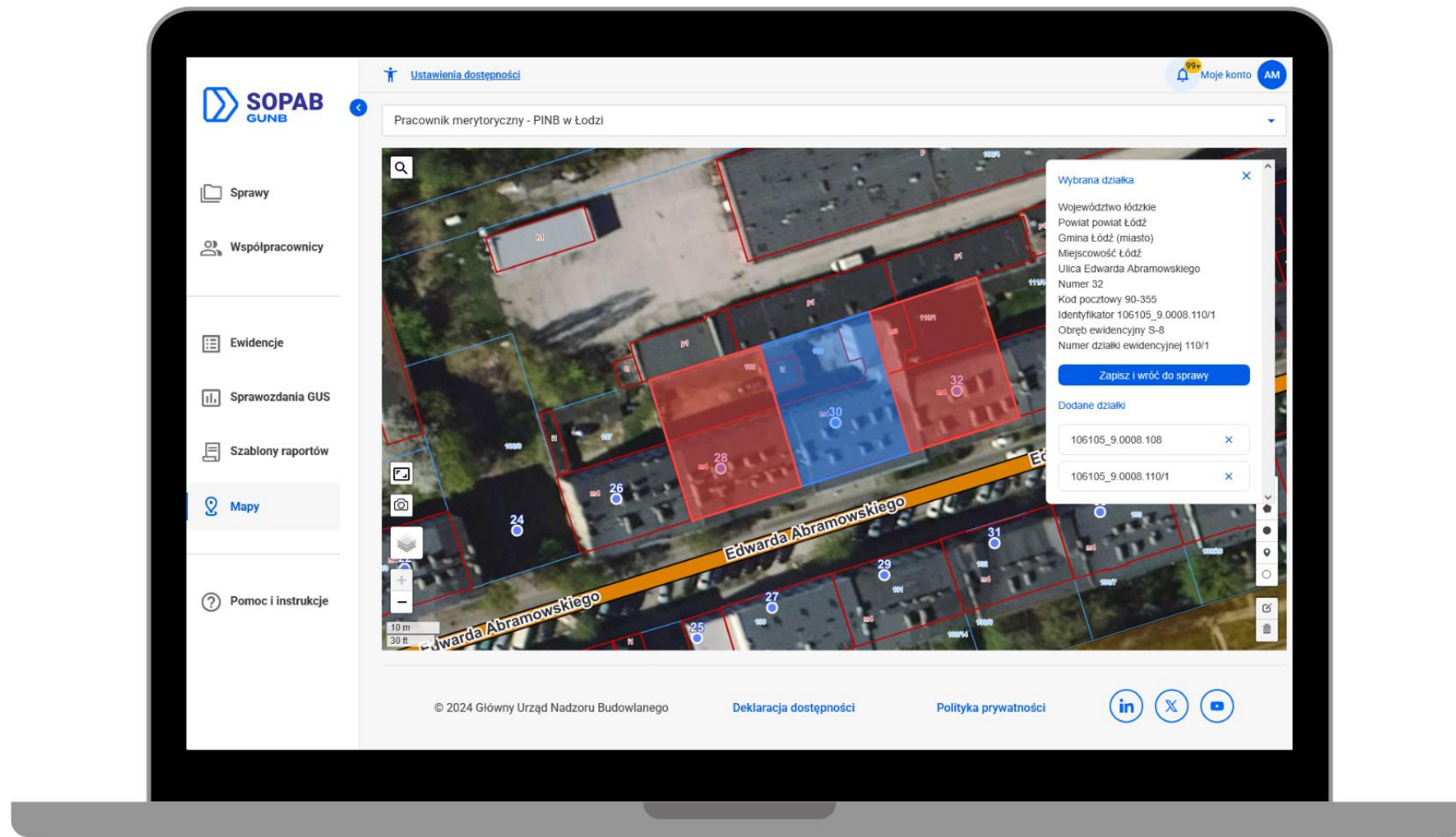
**Many useful features
facilitating case
management**



**Elimination of postal mail,
documentation, and paper
archives**



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System Development Timeline

Basic Version
SOPAB MVP

Pilot Testing

Full Version SOPAB 1.0

2022-2023

2024

2025-2027



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Financial Benefits of Digital Ecosystem

17,8 mil

Total savings for regional governments thanks to central system acquisition

25 mil

Annual savings resulting from the reduction of storage and archiving costs for paper-based construction projects

2,5 mil

Annual savings on postal mailings for basic construction procedures



Polska prezydencja w Radzie UE

Polish presidency of the Council of the EU

Présidence polonaise du Conseil de l'UE