



ZSIN

ZINTEGROWANY SYSTEM
INFORMACJI O NIERUCHOMOŚCIACH

ZSIN Project

Development of an Integrated Real
Estate Information System
- Stage I



INNOWACYJNA GOSPODARKA
NARODOWA STRATEGIA SPÓJNOŚCI



ZSIN

UNIA EUROPEJSKA
EUROPEJSKI FUNDUSZ
ROZWOJU REGIONALNEGO



What is the goal of the ZSIN – Stage I project?

With each year public administration changes its image. Intensive work on the computerisation of services provided by the state appears to be one of the key elements of the ongoing progress. The ZSIN – Stage I project aims to streamline the way Poland manages real estate data by implementing state-of-the-art IT solutions. A direct goal of the initiative is to develop an Integrated Real Estate Information System and improve the quality of data available in the Real Estate Cadastre.



Outcome?

The project will help optimise the processes and costs of keeping public real estate registers and provide citizens, entrepreneurs and other public entities with effective access to up-to-date and reliable information gathered in the registers.

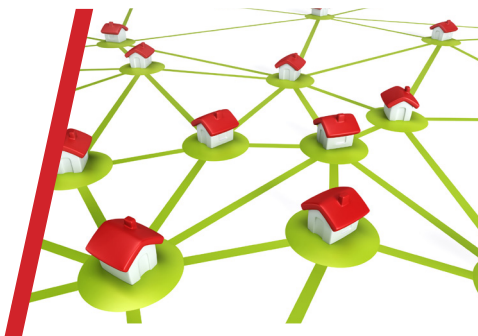
What is the essence of the ZSIN – Stage I project?

The project that is currently being performed by the Head Office of Geodesy and Cartography includes:

- developing an integrated real estate information system (ZSIN),
- developing a central repository of copies of cadastral data files.

Both elements constitute a foundation of the Integrated Real Estate Information System. ZSIN is going to be developed using the IPE System, an already applied solution to be extended and thereby tailored to the needs of the new system.

The repository will be used to store copies of data files kept in the Real Estate Cadastre (EGiB) and received from District Centres of Geodesy and Cartography Documentation. Such system will create a single location of cadastral data referring to the whole country – it will make it easier to retrieve data concerning any area and then use it as reference data for keeping other registers.



From one to another – effective dataflow

Developed in the course of the project, ZSIN will be integrated with other field-specific systems of public administration units that need detailed and reliable real estate information to perform their own tasks and that – in doing so – gather data used later on as reference data in the Cadastre. The new model will ensure proper data exchange between ZSIN, the

New Land Book (NKW) of the Ministry of Justice and registers such as:

- Universal Population Census Register (PESEL) kept by the Ministry of Internal Affairs,
- Real Estate Tax Register kept by the Ministry of Finance,
- National Official Register of the Territorial Division of the Country (TERYT) and National Official Register of Economic Subjects (REGON) kept by the Central Statistical Office,
- National System of Registration of Producers, Farms and Applications for Payments kept by the Agency for Restructuring and Modernisation of Agriculture.

The project involves performance of the following operations:

- Developing and implementing the Integrated Real Estate Information System (ZSIN),
- Developing and implementing a data quality model,
- Adjusting the present infrastructure to the needs of ZSIN,
- Modernising the Real Estate Cadastre,
- Harmonising data,
- Developing and implementing standards of creating and maintaining data cohesion between public registers that use real estate information,
- Supporting District Offices (starostwo) as regards keeping the Real Estate Cadastre.



What type of data will be available in the Integrated Real Estate Information System?

ZSIN will be based on data files collected in the Real Estate Cadastre.

In order to improve the quality and reliability of data in the system, ZSIN will offer reference data based on information collected in the following registers:

- as regards the legal status of a real estate – New Land Book (NKW)
- as regards personal data – relevant PESEL data
- as regards information on legal persons and organisational units without legal personality – REGON data
- as regards information on the identifiers of territorial divisions of the country – TERYT data

The ZSIN project will bring a number of important benefits for many administration, social and economic areas of the country:

- Automation of communication between real estate registers in many locations will streamline operations of public administration units. The improvement will be possible due to:
 - › replacing paper documentation with electronic documentation
 - › eliminating the responsibility of local authorities to make cadastral data available to central public administration bodies that use it for their own operations
 - › facilitating day-to-day update of cadastral data – owing to a single location (Central Repository) where data is gathered in a unified form
 - › preventing disparities between real estate data in various registers
- Reducing the cost of public administration operations and its maintenance by decreasing time-consumption and workload necessary to make cadastral data available
- Simplifying administration procedures on providing support services to citizens by public institutions, e.g. in the scope of real estate registration,
- Facilitating search for reliable real estate data. Every citizen, entrepreneur, institution or another entity will receive access to cadastre data via Geoportal mechanisms (www.geoportal.gov.pl),

- Increase in the competitiveness of the economy and innovativeness of enterprises. Business processes related to real estate data will be carried out electronically. This will streamline the investment decision-making process and performance of everyday operations of companies and enterprises.
- Development of an innovating system to gather and manage high quality real estate data will help optimise spatial planning. This in turn means higher territorial cohesion of the country which plays a key role in sustainable development of the country.



Who is the project directed to?

Public administration units responsible for keeping real estate cadastres

These are District Offices (starostwo), where – owing to the project – cadastral data will be adjusted to the requirements of an amended Ordinance on the Real Estate Cadastre. Modernisation of the Cadastre will be carried out in selected areas. Moreover, all the District Offices will receive a tool to conduct a semantic audit of cadastral data and thus verify data quality.

Consumers of real estate data

The outcome of the project is an answer to a growing demand of the society for up-to-date, easily accessible and reliable real estate information. One of the main incentives that initiated the project was to enable citizens, entrepreneurs and public entities to use cadastre data in their numerous everyday operations and tasks.



Role of the Head Office of Geodesy and Cartography in the project

By supervising the initiative, the Head Office of Geodesy and Cartography fulfils its role assigned to it by the Act – Geodesic and Cartographic Law of 17 May 1989. The Act obligates the Surveyor General of Poland to develop and maintain (in cooperation with District Governors) an integrated real estate information system, an ICT system. In addition, by performing the ZSIN – Stage I project, the Surveyor General of Poland supports District Offices in meeting the requirements of the Ordinance on ZSIN and the amended Ordinance on the Real Estate Cadastre in the scope of modernising thereof.

Pursuant to the provisions of the Act on Spatial Information Infrastructure of 4 March 2010, the Head Office of Geodesy and Cartography exerts key impact on the creation of proper conditions for the effective development and management of a country-wide geographic data exchange system. Implementation of the ZSIN – Stage I project is yet another step of this body on its way to optimise the process of electronic exchange and publication of spatial data in Poland – in the case of ZSIN, this refers to cadastre data. Moreover, the initiative aims to meet the requirements of the INSPIRE Directive as regards the collection, harmonisation and publication of INSPIRE cadastre data.

How will I benefit from the Integrated Real Estate Information System?



"If I search for real estate information, I can find it at Geoportal, a website available at **www.geoportal.gov.pl**. As the platform is easily accessible on the Internet, I can find the data I need without leaving home or work, thus I save time that I would have to dedicate to visit relevant authorities. This method of sharing cadastral data will not only help me quickly find a plot of land where I plan to build a new home, but also obtain detailed information without having to meet with an official. In addition, I can use data collected in ZSIN as reference data for selling or dividing a real estate, e.g. as part of succession proceedings."



"I can find updated real estate information that I need for my business purposes via Geoportal available at www.geoportal.gov.pl. Digitalization of cadastral data will help optimise my company operations, as I will not have to waste my time travelling to a relevant office to receive requisite information. I will find it all online – quickly, effectively and with no costs involved. The project will also boost my opportunities as regards new investments, as collection of necessary data will not pose any difficulties."



I AM A PUBLIC ADMINISTRATION EMPLOYEE

As a result of the ZSIN – Stage I project I will be able to retrieve reliable and up-to-date cadastre data from the Central Repository useful for the statutory operations of the entity I work for, e.g.:

- conducting statistical research,
- conducting censuses,
- keeping REGON and TERYT registers,
- economic planning,
- spatial planning,
- pursuing common agricultural policy,
- environmental protection,
- real estate tax registration,
- combating corruption,
- internal security

I can be sure that data located in the central cadastral data repository is reliable, for the system communicates with land and building registers kept day-to-day by District Offices and many other public registers. The District Offices will receive innovative tools to ensure that real estate information is collected in accordance with applicable provisions of law and effectively forwarded to the Repository. For example, for me – as an employee of the Ministry of Justice – the new Integrated Real Estate System means that I will not have to send a letter notification to a District Office if the owner of a real estate is changed in the Land Book – the New Land Book (NKW) system will automatically inform the District Office about the modification. Integration of many registers with the Central Repository will significantly facilitate my everyday job. This in turn will improve communication between an office and a citizen.