

# Test and implementation of DATR system in Hungary

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13 April 2010



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## Topics

- Introduction
- DATR cadastral map manager system
- Test period
- Activities
- Future tasks



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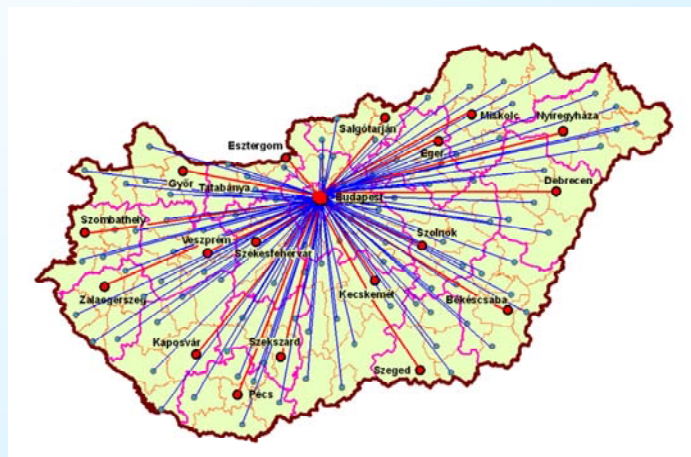
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## Introduction 1.

- In 2003 FÖMI started DATR development as a new solution for cadastral map management
  - ❖ Since 2005 DATR has acted as the TAKARNET graphic engine for LA network services
- TAKARNET: Network of Land Offices since 2003
  - ✓ All land registry data available in digital form since 1997
  - ✓ All cadastral maps are available in vector form since 2008



## TAKARNET NETWORK



## Introduction 2.

- Decision of The Ministry of Agriculture and Rural Development in 2008: implementation of DATR system in the District Land Offices is necessary
- March 2008: FÖMI restarted the development



## DATR 1.

- DAT- based mapping system
  - MSZ 7772-1 Standard (Digital Base Map Conceptual Model) since 1996
  - DAT Instructions since 1997
- New cadastral IT system for the land offices
- The system fits into the existing IT systems in Hungarian Land Administration
- The system covers all business procedures in District Land Offices
- The system provides authentic updating of the unified land registry



## County Land Offices and District Land Offices in Hungary



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## DATR 2.

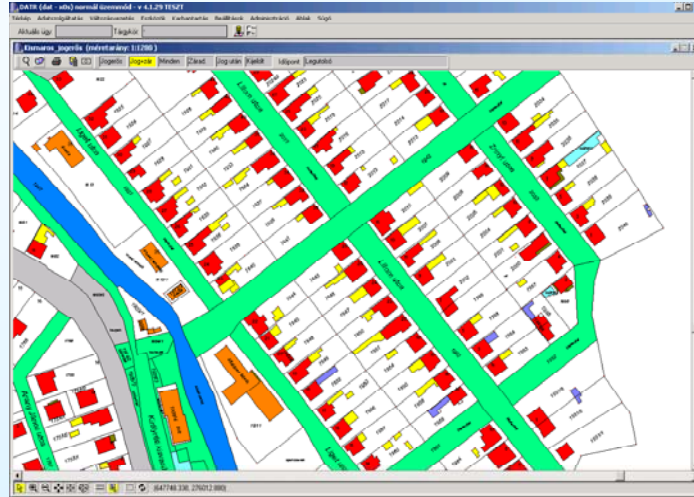
- DATR is an object-oriented map manager system
- It is independent from any commercial GIS software
- No map editor capacity – updating of maps is available only via database transactions
- Uniform database structure with legal part of the unified land registry
- Modular self-calibrating architecture



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## DATR



## Development and Test

- March 2008: Work-out of DATR (System structure, functions, menus)
- April 2008: first loading for testing at FÖMI
- May 2008: District Land office of Vác joined
- June 2008: Project meeting for preparing new testers
- July 2008: 4 County Land Offices joined (Fejér, Vas, Zala, Bács-Kiskun)
- November 2008: 3 County Land Offices joined (Békés, Somogy, Veszprém)

TEST + DEVELOPMENT



## Development and Test

- January 2009: Project meeting (experiences, proposals, error investigation, solutions)
- February 2009: Békés County implemented DATR
- March-April 2009: Education at FÖMI
- July 2009: Bács-Kiskun and Pest County implemented DATR
- By the end of 2009: all District Land Offices implemented DATR

TEST + DEVELOPMENT



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## Activities

- Test servers and test databases
- Preparation and loading input data
- Testing of every business procedures and tools
- Customisation of user interface
- User guide
- Technical and professional Support
- Keep contact with LOs (e-mail, phone, on-line error notice system)



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## User guide



## Future tasks

- FÖMI ensures the technical and professional support and guidance
  - LO's questions/problems
  - Further developments
  - Trainings and workshops
- International version of DATR as a freeware software, internationally distributed



# Thank you for your attention

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