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FÖMI

Földmérési És Távérzékelési Intézet  
Institute of Geodesy, Cartography and  
Remote Sensing

[www.fomi.hu](http://www.fomi.hu)

**General introduction of the organisation**

The Institute of Geodesy, Cartography and Remote Sensing (FÖMI) has been founded in 1967. The Institute is the central surveying and mapping organisation of all official activities in Hungary in the field of land management, surveying and mapping. Its direct professional supervisory authority is the Ministry of Agriculture and Rural Development, Department of Land Administration and Geoinformation.

**Role of the organisation in the NSDI**

The scope of activity of the Institute covered the tasks of organising, managing, supervising the surveying and mapping sector in Hungary, carrying out research and development as well as executing the activities of the state boundary service, of the central surveying data and map library, satellite geodesy, remote sensing for utilisation of space imagery and aerial photography in the national economy, computer based central land registration, development of geoinformatics in the sector of lands and mapping and central quality control.

**Mandated responsibilities related to the EU INSPIRE Annex I-III data**

**Annex I:**

- Coordinate reference system
- Geographical grid system
- Geographical names
- Administrative units
- Cadastral parcels

**Annex II:**

- Elevation
- Land cover
- Orthoimagery

**Annex III:**

- Buildings
- Land use

**Participation in the Hungarian SDI development with flashback**

- Topographical maps 1:10.000
- Database of the Hungarian administrative border lines
- Aerial photographs and orthophotos
- Database of Control Points
- Land and property registration data on TAKARNET Clients' Service
- GNSS Service Centre
- Services of K-GEO Calibration Laboratory
- Elevation models

**Ongoing major activities in the development /use of SDI**

- Development of the GNSS Service
- Vectorization of the 1:10.000 topographical maps
- Wine-yards Registry System
- Crop Monitoring
- Ragweed Information System
- Participation in the Humboldt project