Country: Slovenia

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NSDI and INSPIRE
Relation and on-going activities -1

- The **main changes/trends** in developing the NSDI

Institutional framework :

Three main bodies at the national level:

- Surveying and Mapping Authority of the Republic of Slovenia (SMA)
- Environmental Agency of the Republic of Slovenia (EARS)
- Ministry of Environment and Spatial Planning (MESP)

  Within the MESP there is a co-ordination group that consists of representatives of all three bodies
- Statistcial office of the Republic of Slovenia (http://www.surs.si)
- Ministry for public authority (http://www.e-gov.si)

Legislation

- Recording of Real Estate, State Border and Spatial Units Act
  - Decree on the Tarrifs Charged for the Issue of Geodetic Data
  - Rules on the Terms and Conditions and Method of Computer Access to the Land Cadastre, Building Cadastre and Register of Spatial Units
- Personal data protection act
- Strategie of e-bussines in public administration in Slovenia 2001 – 2004 (2001)
- Act of electronic commerce and electronic signature (2000)
- Act of administrative taxes (ZUT) (2000)
- Act of spatial planning (ZUREP 2003)

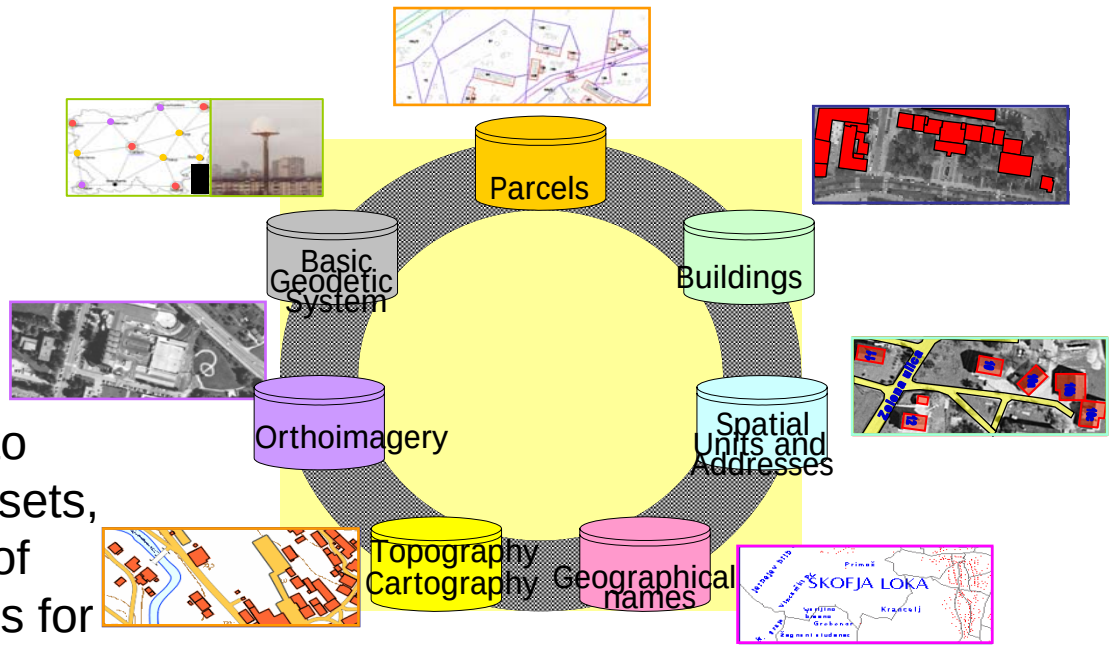
NSDI and INSPIRE
Relation and on-going activities -2

- The **main changes/trends** in developing the NSDI

  Geodata and spatial information :

  SMA is responsible for reference data:

Allmost all the data from Anexes I and II



High qualitiy up to date digital data sets, kept in the form of central databases for the whole country

NSDI and INSPIRE
Relation and on-going activities -3

- The **main changes/trends** in developing the NSDI

  Geodata and spatial information :

  EARS is responsible to provide high-quality environmental data, analyses and expert foundations for decision-making:

  - Noise, Industrial polluters, Waste, Evironmental immpact assesment, Emisions, Soil, Water, Air, Nature protected area, Environment monitoring data, Meteorological data

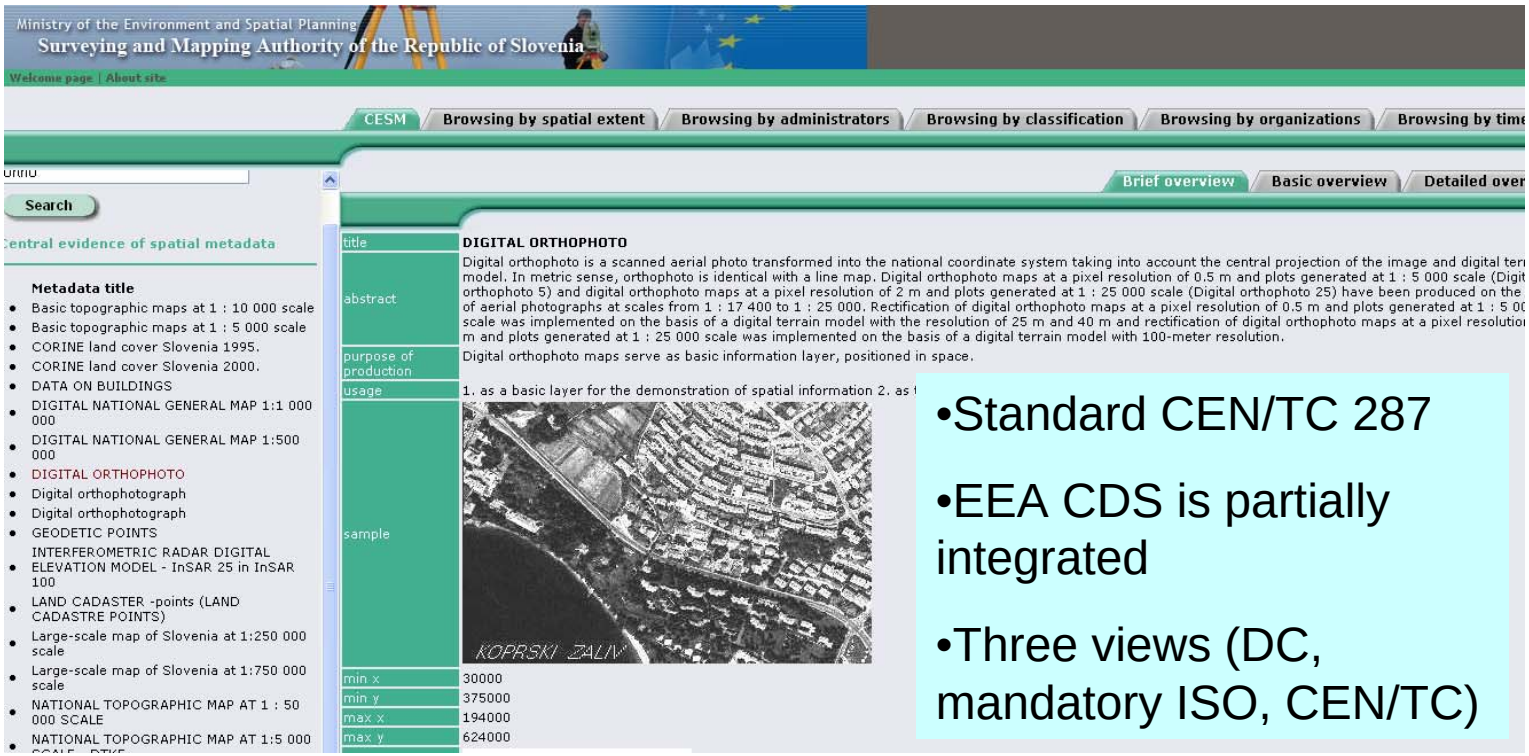
  MESP is responsible for data about spatial planning

  – Land use data
  – Other data from spatial planinng documents

NSDI and INSPIRE
Relation and on-going activities -4

- The **main changes/trends** in developing the NSDI

Metadata :



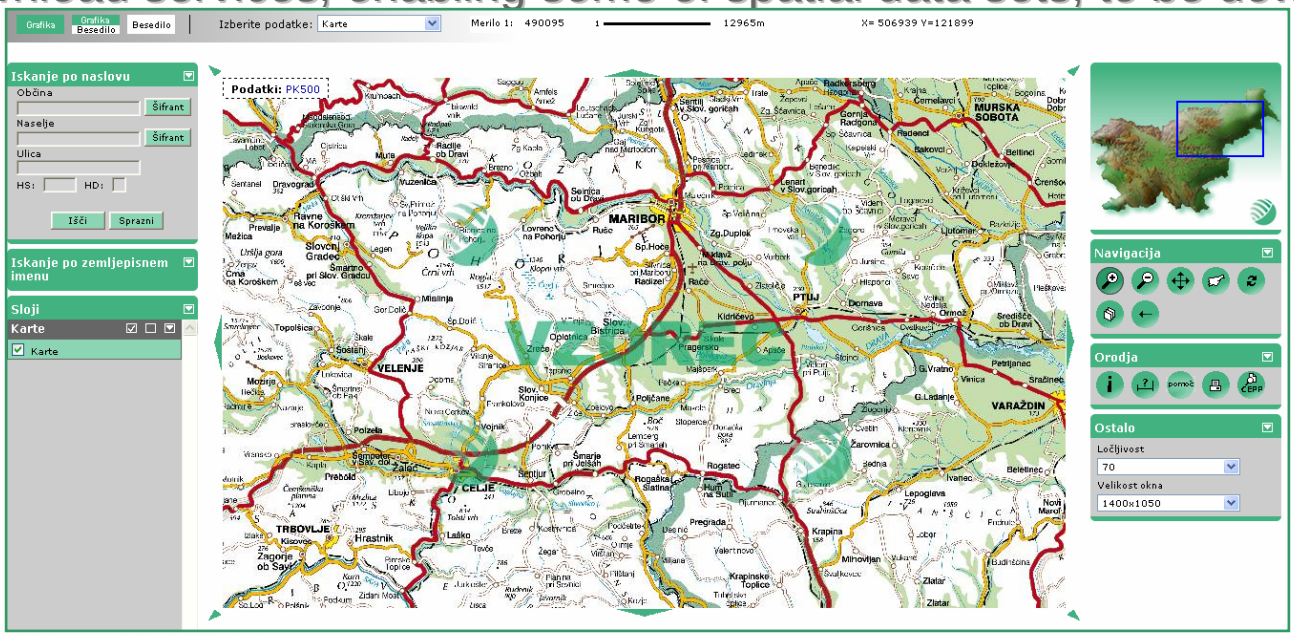
- Standard CEN/TC 287
- EEA CDS is partially integrated
- Three views (DC, mandatory ISO, CEN/TC)

NSDI and INSPIRE
Relation and on-going activities -5

- The **main changes/trends** in developing the NSDI

  Web-services (network services)**:**

  – discovery services - search the data and display the content of metadata
  – view services – for reference and thematic data;
  – download services, enabling some of spatial data sets, to be downloaded.



NSDI and INSPIRE
Relation and on-going activities -6

- Interconnections between INSPIRE, NSDI, e-Government

  Access to core reference data is conected with e-Government:

  – Distribution environment is part of state information infrastructure (uses telecommunications,networks, licences, within e-gov developed services like micro-paying…)
    - Data sharing between governmental bodies (register of citizen, register of spatial units, register of tax payers, land registry, business register…)

  – National geo-portal will be part of e-gov portal

  – Central data infrastructure is part of central information-telecommunication infrastructure od e-government (Strategy of E-government from 2006 to 2010)

Recent involvement in the INSPIRE development and planning

- Internationally
  - Projects – participation in projects like
    - **EuroRegionalMap**,
    - **EuroGlobalMap**,
    - **SABE,**
    - **EuroGeoNames** and
    - **EuroBoundaries**.
  - One representative of SMA and one of EARS are members of INSPIRE expert group
  - Participation in Spatial Data Interest Communities and Legal Mandate Organizations

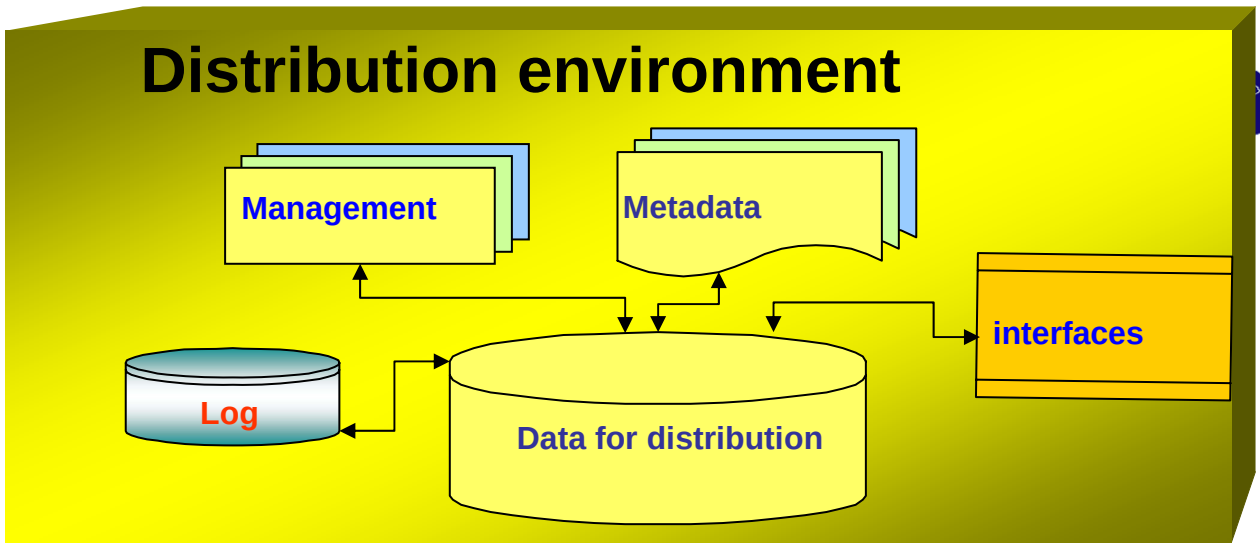
Recent involvement in the INSPIRE development and planning

- Preparatory activities in the country
  - *Other activities related to INSPIRE*
  - *Internet* - **web-mapping (www.gov.si/gu), nature protection atlas (www.gov.si/mop/arso)**
  - *Metadata system* **(www.prostor.si)**
  - *Distribution data system of geodetic data*
  - *Data of permanent GPS stations*
  - *Data ordering service*
- *Other public servicies* **(www.geabios.com)**
  - At the moment there are no projects, impact analysis or other activities concerning ith implementation planning.
  - Reasons are in status of directive, all subjects wait for adoption.

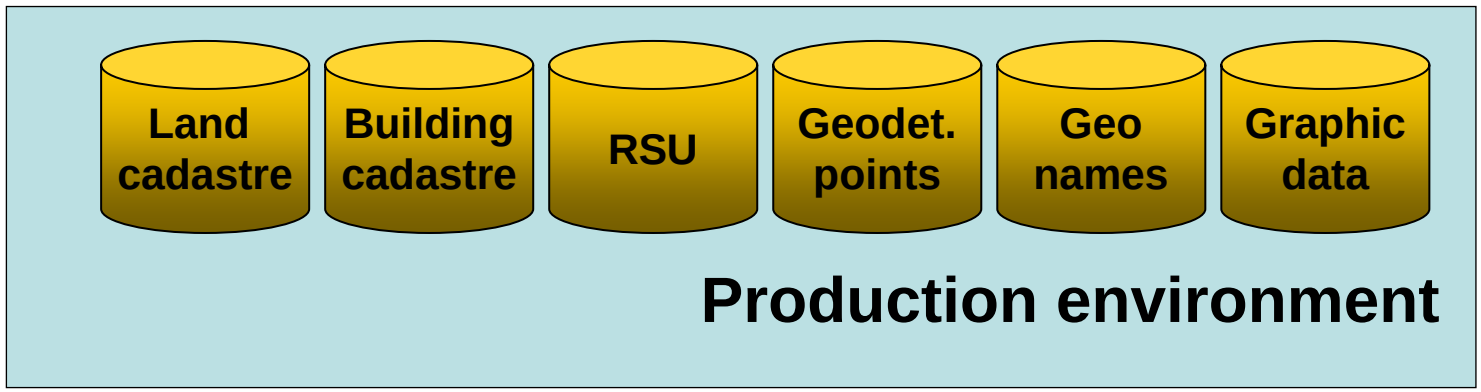
Recent involvement in the INSPIRE development and planning

- INSPIRE home page in Slovenian language

Data in the distribution environment

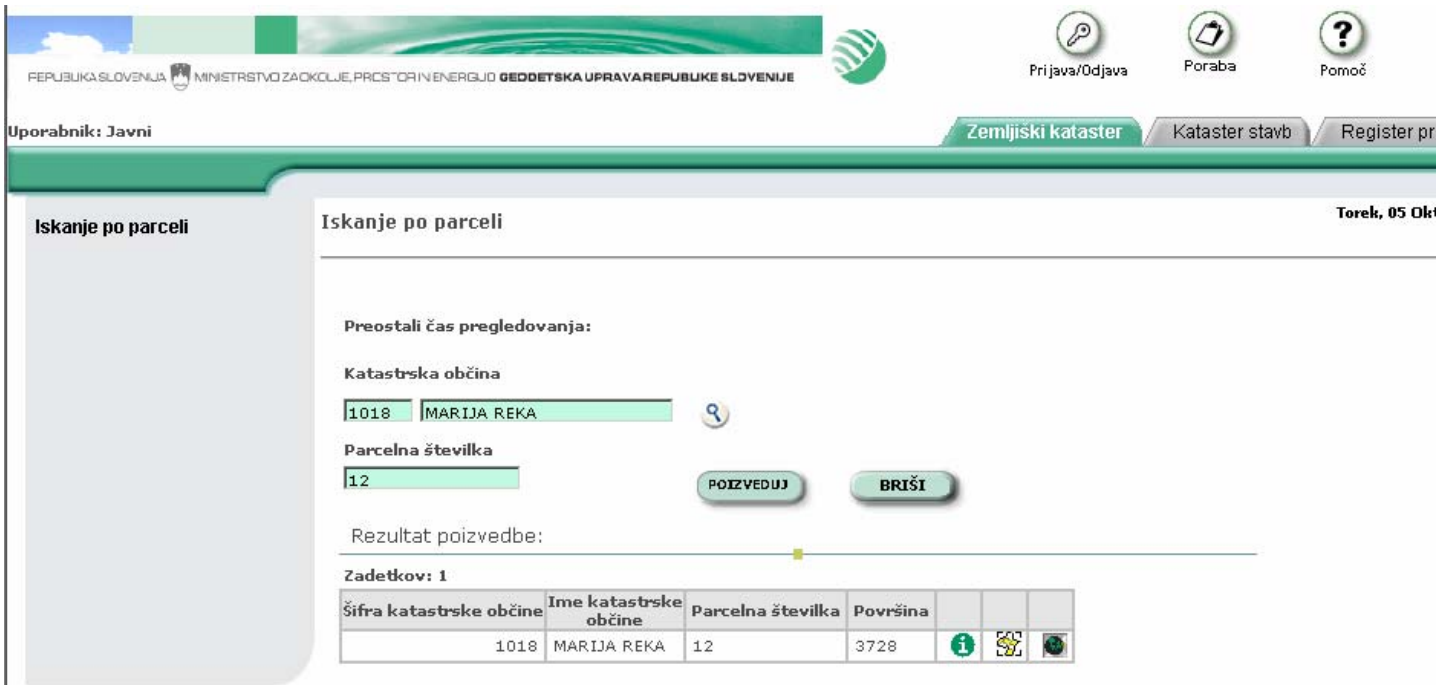


Transformation of data



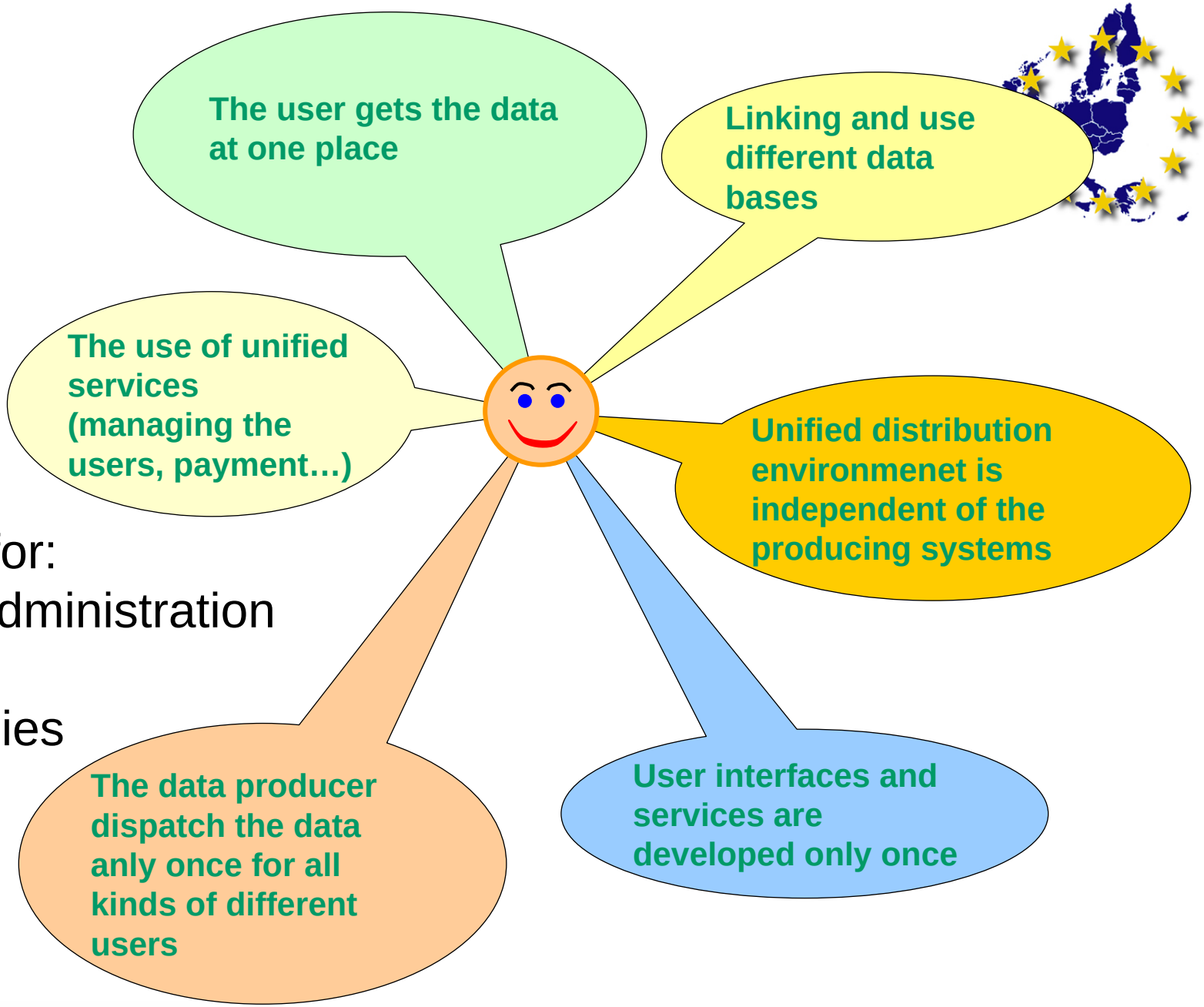
- Enables everybody to view the real estate data
- The user doesn't need the digital web certificate
- Service is payable by e-moneta

Public view



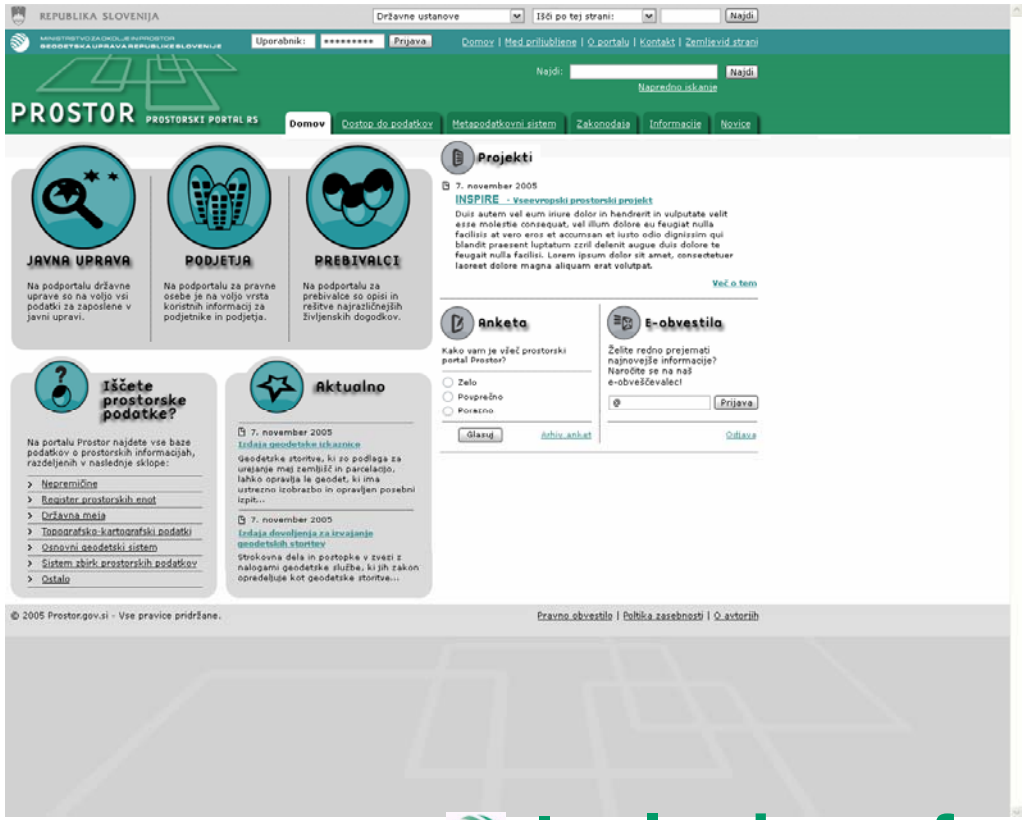
Personal view

- Costless access
- Allows an individual access to graphic and attribute data on real estate which are owned by individual
- The owner must prove his/her identity with an appropriate digital certificate,



Benefits for:

- public administration
- citizens
- companies



Next steps

- Inclusion of other spatial data
- Building the country-wide SDI
- Distribution system as a basis for SDI
- National geoportal

Awareness-raising & capacity building

- Activities and events focused on NSDI and/or INSPIRE
  - Papers and presentations
  - Workshoops at the MESP (27. 5. 2004, 19. 1. 2005 and 3. 10. 2005)
- Main holders of these activities
  - Governmental organizations (MESP, SMA, EARS)
  - Professional non-governmental organizations (Slovenian Associations of Surveyors)
- Main funding of these activities

  Subsidies from the state/regional budgets
- Main barriers and gaps
  - Status of directive and institutional cordination

Suggestions for organizing of the National INSPIRE Info Days

- Expectations
  - information days are necessary
- Needs
  - Timing (after adoption of directive in next few months)
  - Specific interests or limits (governmental and non governmental sector)
  - Supporting materials, networks etc. (printed information material)
  - Others (support from EU institutions and programs)
- Challenges
  - Public private partnership
  - Common activities inside public authorities

Thank you for your attention!