



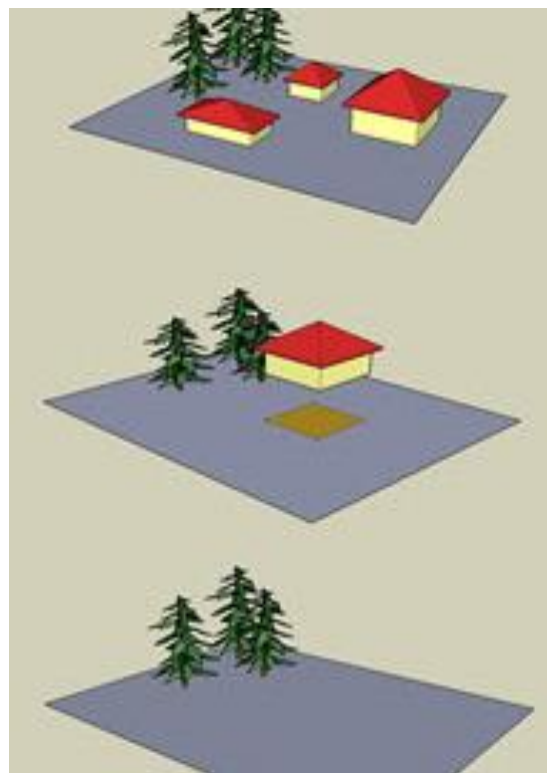
Quality issues & SMA

Geodetska uprava
Republike Slovenije



National geodetic reference system:

- National spatial coordinate system
- National topographic system



Real estate data:

- Cadastres (land, building, public infrastructure)
- Registers (real estate, spatial units)
- Mass evaluation data

☐ Kategorije

Zbirka topografskih podatkov

Zbirka topografskih podatkov se vodi v obliki Državnega topografskega modela (DTM), ki vsebuje grafične in atributne topografske podatke o objektih, ki ustrezajo natančnosti merila 1 : 5000. V DTM se zajemajo topografski podatki za območje Slovenije, ki so skladni s Geodetska uprava Republike Slovenije

☐ Kategorije

Register prostorskih enot

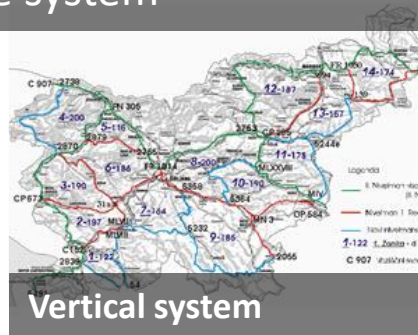
Register prostorskih enot je integrirana podatkovna baza z lokacijskimi in opisnimi podatki o naslovih in prostorskih enotah (prostorski okoliši, naselja, občine, poštni okoliši, upravne enote, statistične regije, šolski okoliši, ožji deli občin (mestne četrti, krajevne skupnosti, vaške četrti), Geodetska uprava Republike Slovenije

Data Issuing and INSPIRE:

- Services
- Metadata
- Geoportal
- Open data
- Registry

A map of the Slovenian railway network. Stations are marked with red dots and labeled: Deutschlandsberg (DLBG), Maribor (MARI), Ptuj (PTUJ), Celje (CELJ), Bodošnje (BODO), Velika Polana (VELP), and Zagreb (ZAGR). Distances between stations are indicated by numbers along the green lines. A semi-transparent grey box with the text "SIGNAL (hor. system)" is overlaid on the bottom right of the map.

SIGNAL (hor. system)



Vertical system

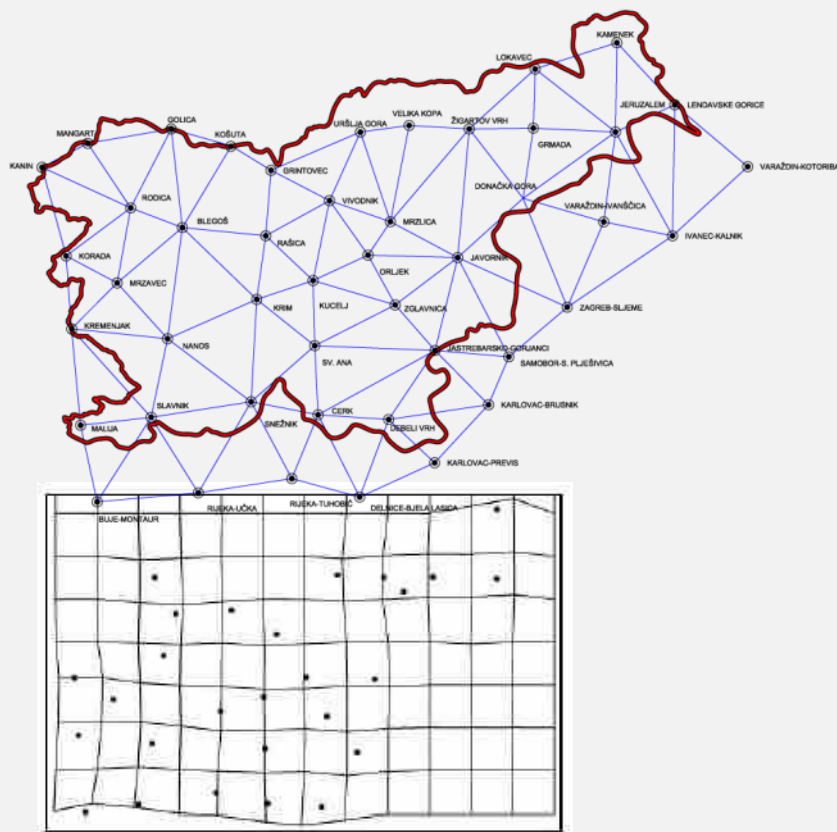
An aerial photograph of a coastal area. A blue river or stream flows from the top right towards the bottom left. On the left bank, there is a cluster of orange-roofed buildings. A label 'Sveti Peter' is placed near this cluster. On the right bank, there is a smaller cluster of similar buildings, with a label 'Kurji Grm' placed next to them. The surrounding land is light grey, and the water is a darker blue.

RY OF THE
NG AND M

An aerial photograph of a village. A large, irregularly shaped green field is the central feature. To the left of the field is a cluster of buildings with red-tiled roofs. A prominent building with a large red roof is visible. To the right of the field is another cluster of buildings. The background shows more fields and a road. The text 'Remote sensing data' is overlaid in white at the bottom.

National geodetic reference system

- Horizontal system (**D48/GK**):
- 29.000 basic, 225.000 measurement points, geodetic networks
- Leveling network: 11.000 points

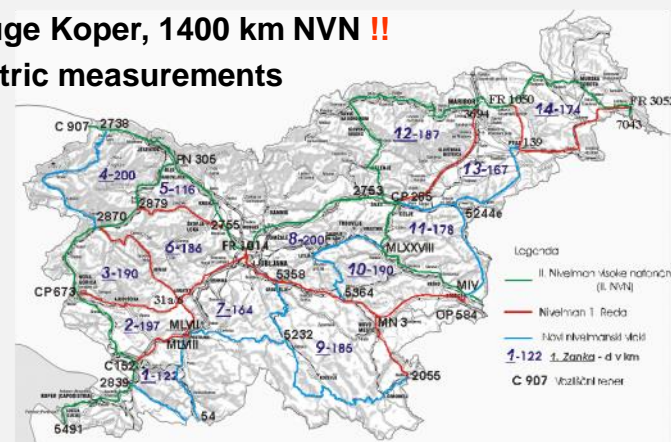


- Horizontal system : **ETRS89/TM (D96/TM)**
- 2000 ETRS-points and 16 GNSS stations (SIGNAL)**



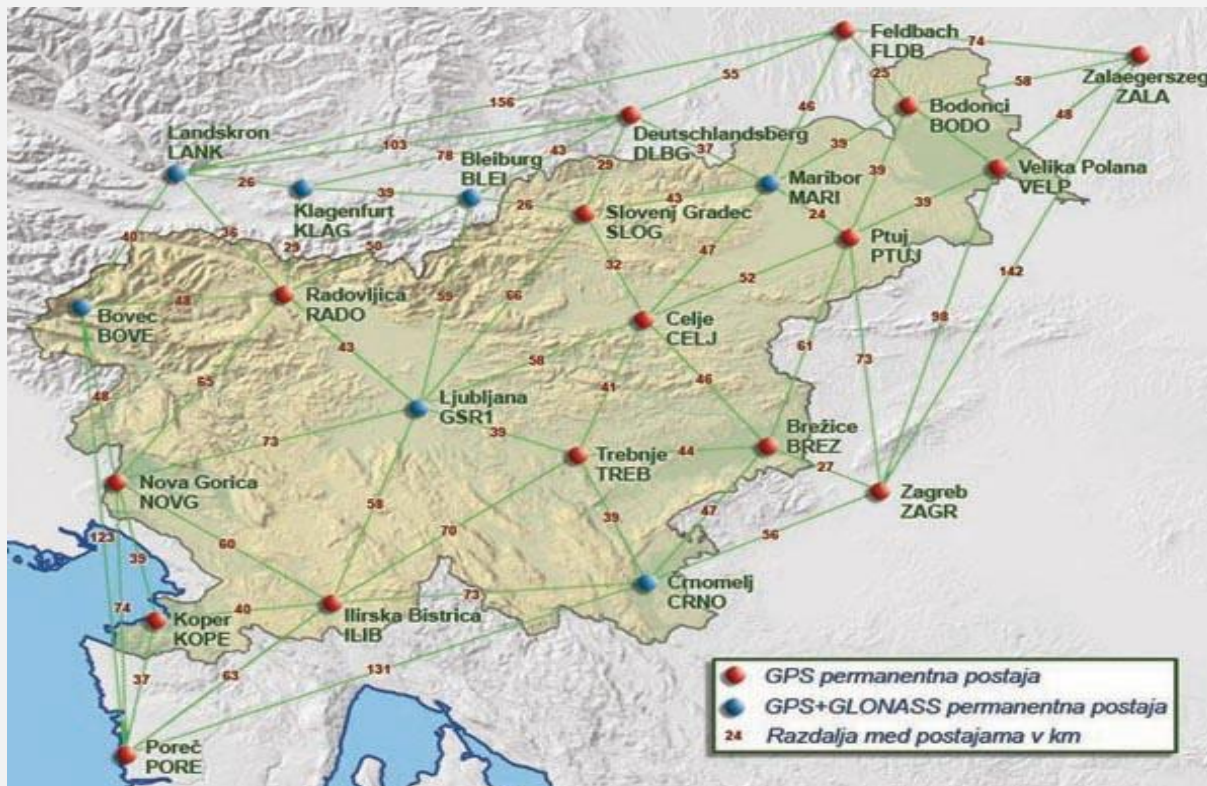
2004-2009
900.000 EVR
(400.000 NFM)

- Height system: **EVRS 2000**
- tide gauge Koper, 1400 km NVN !!
- Gravimetric measurements



New national CRS

STATE GNSS NETWORK - SIGNAL



SIGNAL =

**Slovenia
Geodesy
Navigation
Location**

**Enables
geodetic accuracy
measurements
countrywide**

Homogene accuracy

**Introduction of GNSS
measurements in private
(geodetic) sector**

**Installed 2000-2006
Operational 2006**



- Old CRS – D48 (EPSG 3912)
- New CRS – D96 (EPSG 3794)

- **Activities:**

- National geodetic CRS Act
- Establishment of GNSS network called SIGNAL
- List of tie points
- Transformation parameters for transition
- Software for performing transformation
- Mostly data sets are transformed in new CRS
- All field survey is done in new CRS
- Different transformation models (depends on positional accuracy levels)

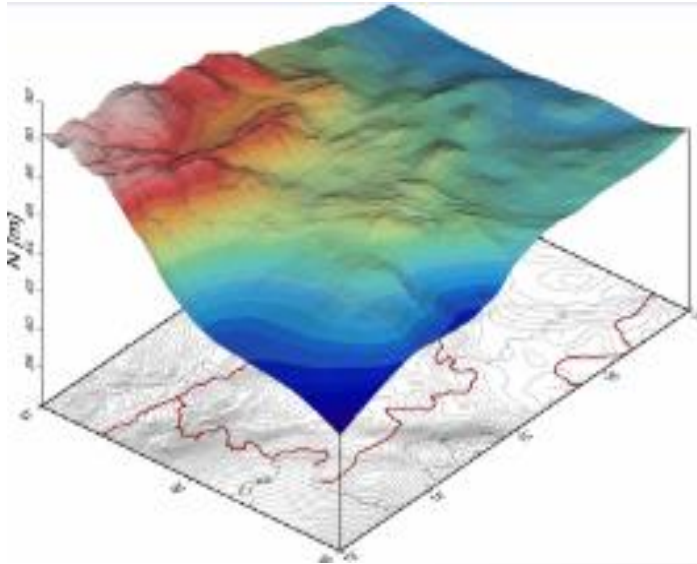
New national CRS



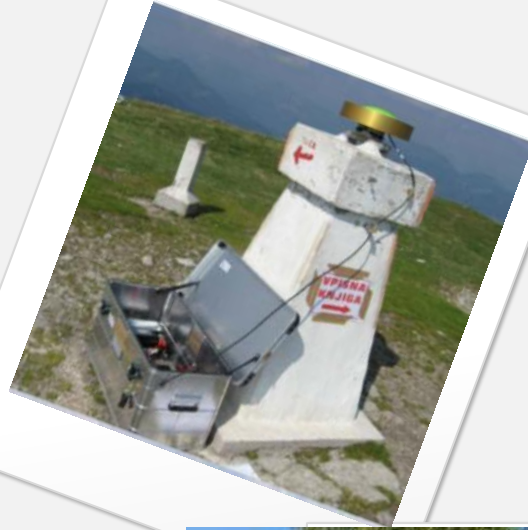
MODERNIZATION OF SPATIAL DATA INFRASTRUCTURE TO REDUCE RISKS AND IMPACTS OF FLOODS

- Establishment of the vertical component of the national coordinate system,
- Data layers of basic topographic and hydrographic data, compliant with the INSPIRE,
- Implementing INSPIRE requirements

EEA Grants - Subproject GEODETIC REFERENCE SYSTEM



Quasigeoid model



national zero order geodetic network

- **ESTABLISHMENT OF A NATIONAL COMBINED GEODETIC NETWORK**
- **IMPLEMENTATION OF THE VERTICAL COMPONENT OF ESRS**
- **DEVELOPMENT OF THE GEOID MODEL FOR THE TERRITORY OF SLOVENIA**

Field survey – quality controls

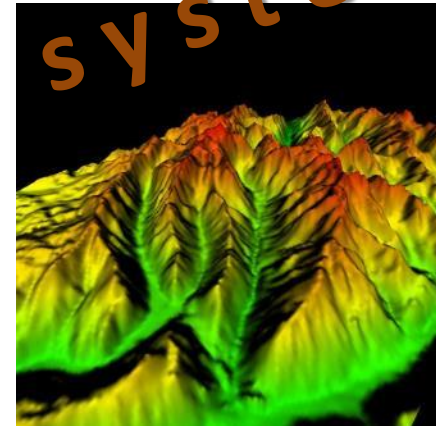


- Controls of ortophotos (ground control points)
- Controls of transformation model (CRS) for land cadastre
- Quality control of geoid model (1000 points)
- Controls of SIGNAL network (data flow, position of stations)
- EUREF campaign – checking the realisation of state CRS -
- Accuracy control of CPI
- Periodic checking of state border signs
- New measurement of border signs

Ortophoto



Topographic data



Terrain models

Geographical names



Topographic maps



Ortophoto

3 year cycle,
0.25 ; 0.5 and IR DOF,
Terrain model 5x5

- Control of specifications
- New standard for position accuracy (ASPRS standard)
- Controls partly outsourced (Geodetic Institute)
- Guidelines for Best Practice and Quality Checking of Ortho Imagery (JRC)
- Aerophotography, DMV & OF



2 ORTOFOTO

ID	Opis	Element	Podelement	Kontrola izvaja
POP_1	Pregled elaborata ortofoto posnetkov	Popolnost	Zgrešenost in/ali izpustitev	GU
POP_2	Preverba prostorskega obsega, <u>geolokacije</u> in zapisov listov	Popolnost	Zgrešenost in/ali izpustitev	GU
PON_1	Kontrola stikov med ortofoti in prehodi med aeroposnetki v mozaiku	Položajna točnost	Relativna	GU
PON_2	Kontrola ortofotov na podlagi izmerjenih GNSS točk	Položajna točnost	Absolutna	
TEN_2	Vizualna ocena tonske uravnoteženosti ortofotov za celo OAF	Tematska točnost	Pravilnost <u>nekvantitativnih</u> atributov	GU

Ortophoto – quality report (completeness)

2.2 Popolnost (POP_2)



ID	POP_2
Opis	Preverba prostorskega obsega, <u>geolokacije</u> in zapisov listov
Element	Popolnost
Podelement	Zgrešenost in/ali izpustitev
Mera vrednotenja	Število manjkajočih in napačnih (ki ne sodijo v OAF) ortofotov, pravilnost poimenovanja datotek, pravilnost zapisanega formata ter pravilnost georeferenciranja.
Metoda vrednotenja	<p>Pregled na oddanem disku zapisanih ortofotov, pregled datotek za vpis v bazo podatkov (TN-IFOPRO, ver. 5.0, dec 2014 - tehnično navodilo za izvajanje fotogrametričnih projektov).</p> <ul style="list-style-type: none"> Ali so izdelani vsi ortofoti znotraj OAF (po pogodbi); Pravilnost formata zapisa vseh <u>ortofotov</u> (<u>nekomprimiran TIFF</u>); Pravilnost <u>geolokacije</u> vseh <u>ortofotov</u> (TFW); Pravilnost poimenovanja nomenklature DOF za TIF in TFW datoteko (SSLLNN.*, pri čemer je SSS trigonometrična sekcija, LL zaporedna št. lista znotraj sekcije in NN nomenklatura glede na vrsto ortofota: 62=RGB50); Pravilnost zapisa datotek za vpis v bazo podatkov.
Rezultat kontrole	Manjkajoči listi DOF: Ne
	Napačni listi DOF: Ne
	Nepravilen format zapisa listov DOF: Ne
	Neppravilno <u>georeferencirani</u> listi DOF: Ne
	Napačna nomenklatura listov DOF: Ne
	Pravilnost zapisa datotek za v bazo podatkov: Da
Mnenje kontrolorja	Ustreza
Meja ustreznosti	Nič (0) manjkajočih ali napačnih elementov, oziroma pozitivno mnenje kontrolorja.
Sprejem/zavrnitev	Sprejem

The project

»MODERNISATION OF SPATIAL DATA INFRASTRUCTURE TO REDUCE RISKS AND IMPACTS OF FLOODS«.

Subproject TOPO – Topographic database



- **GOALS:**
 - **Change of the existing topographic data model (inline with INSPIRE)**
 - **Creation of Data Quality model harmonised with INSPIRE**
 - **Establishment of a physical topographic database model and development of application for managing data**
 - **Transformation of existing topographic data into the new data model**
 - **Topographic data acquisition in accordance with new instructions**
 - **Development of new methods and processes for the maintenance of topographic data**
 - **Creation of a network service for viewing topographic data**

DATA SET	LAYER	INSPIRE THEME
DTK 5	Building	Buildings 
DTK 5	High object	Buildings
ZK GJI	Powerline	Utility and governmental services 
DTK 5	Road	Transport networks
DTK 5	Railway	Transport networks 
DTK 5	Cableway	Transport networks
DTK 5	Vegetation	Land cover, Land use 
DTK 5	Special use area	Land use, Land cover, Hydrography 
DTK 5	Water area	Hydrography
DTK 5	Watercourse (line)	Hydrography 
DTK 5	Water phenomenon	Hydrography
REZI	Geographical names	Geographical names 
DMR	Digital elevation model	Elevation 

INSPIRE themes

included in TOPO database

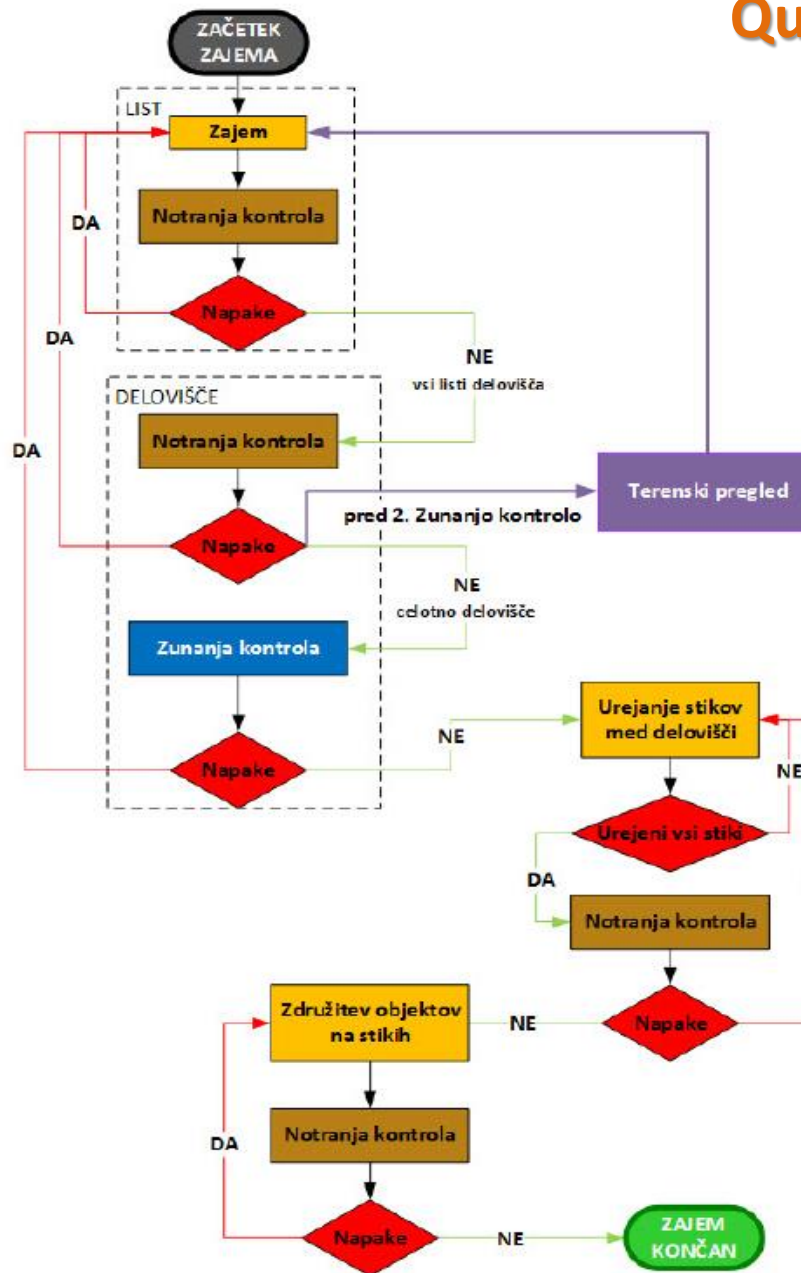
Topographic database

Quality issues:



- Creation of Data Quality model harmonised with INSPIRE
- New feature type catalogue
- Prepared rules for data capturing
- Topographic data acquisition in accordance with new instructions
- Quality control of captured data
- Development of new methods and processes for the maintenance of topographic data
- Creation of a network service for viewing topographic data

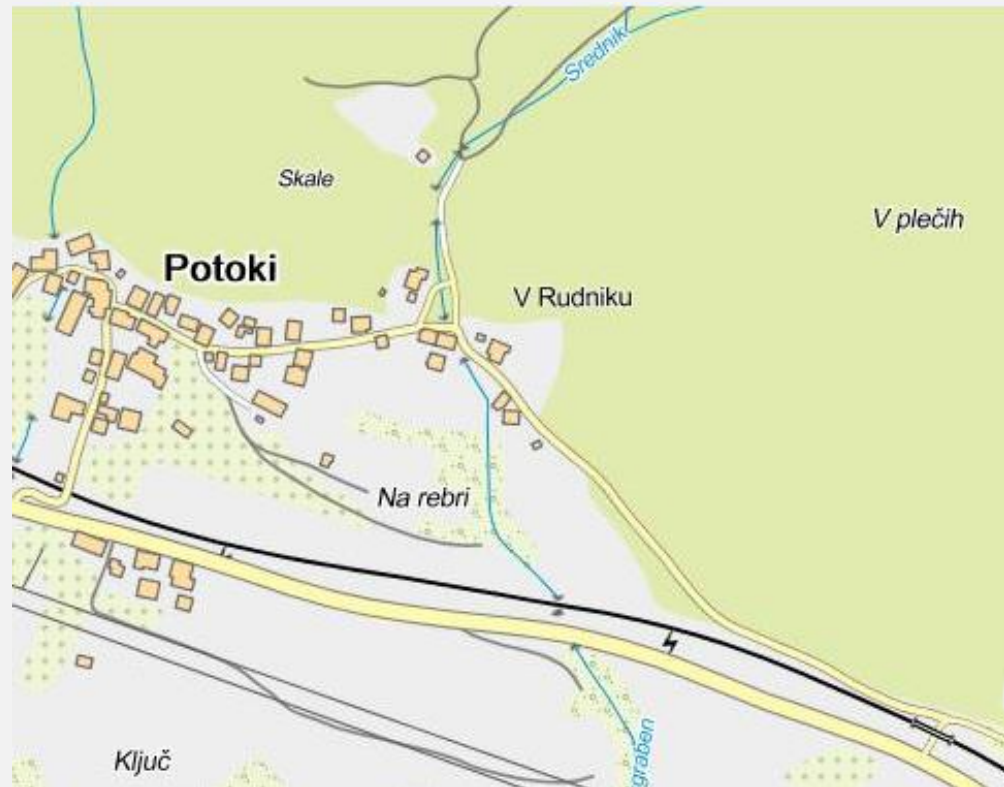
Quality control of captured data



Slika 3: Diagram poteka dela pri zajemu topografskih podatkov.



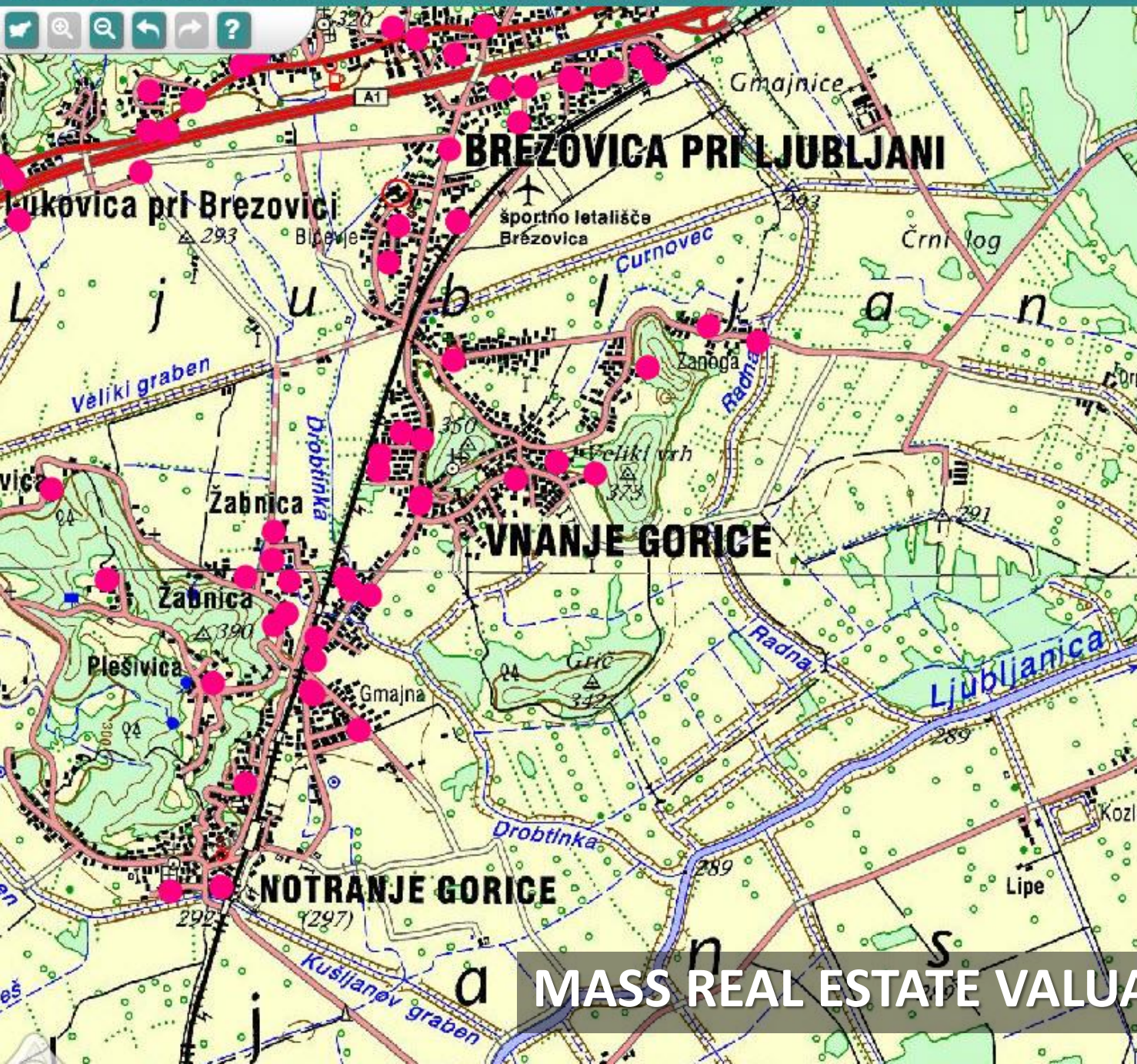
Register Of Geographical Names



- National commission for Standardisation of Geographical names
- Commission must issue an opinion for each change in RGN and names in other data sets (spatial units)
- Elimination of duplicated names
- Standardises names at scales 1:1mio, 1:250.00
- Toponomastic examination for GN at 1:50.000 level

VALUATION OFFICE IS RESPONSIBLE FOR:

- Sales data registration, their improvement and quality
- Monitoring and reporting the Real Property Market
- General valuation every 4 years: model designing, model calibration, notification, appeal process, finally calculation of all property in Real Property data Register Consolidation of valuation models with all 211 municipalities
- Value Indexation every year



Kupoprodajni posli Najemni p

Filter Iskanje Rezultati

Obdobje:

od: Januar 2016

do: April 2017

Vrsta nepremičnine:

▼ Deli stavb

- ☒ Stanovanjska hiša
- ☒ Stanovanje
- ☒ Parkirni prostor
- ☒ Garaža
- ☐ Pisarniški prostori
- ☐ Prostori za poslovanje s str.
- ☐ Prostori za zdravstveno dej
- ☒ Trgovski ali storitveni lokal
- ☐ Gostinski lokal
- ☒ Prostori za šport, kulturo ali
- ☒ Industrijski prostori
- ☐ Turistični nastanitveni objek
- ☒ Kmetijski objekt
- ☐ Tehnični ali pomožni prostor

► Zemljišča

Prostorska enota: ?

- ☐ Regionalni centri
- ☒ Analitična območja

OSVEŽI

Legenda:

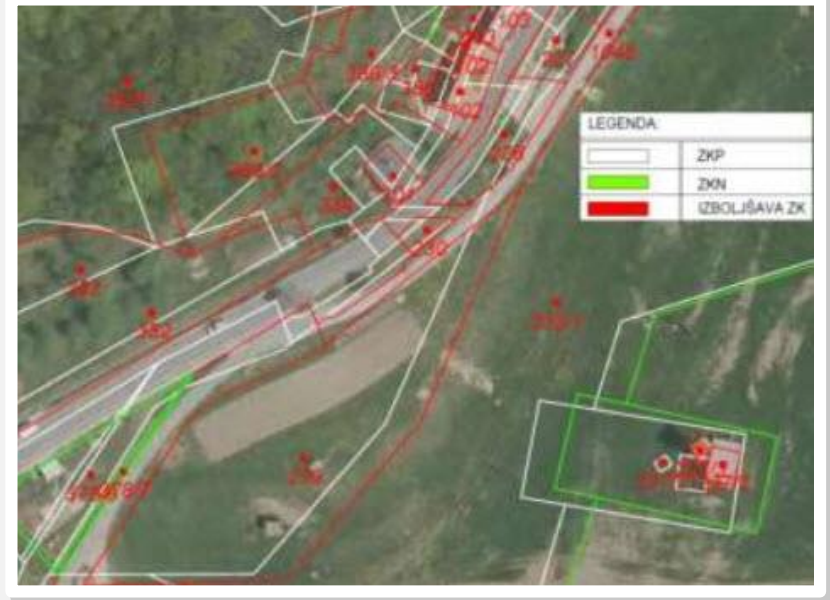
● Posli

MASS REAL ESTATE VALUATION OFFICE

Land cadastre:

primary and the oldest data set

- Couple years ago we implemented a project for upgrading data in land cadastre.
- The analysis of the land cadastre data was carried out before the project start (9,5 mio of cadastre points; 5,5 mio land parcels)
- The need for Improvement of land cadastre point data (coord. in different CS), edit the topography of individual land parcels and the topology between different cadastral municipalities.



Statistics:

5 599 321 parcels /attribute database
5 597 760 parcels /graphic database
13 497 924 LC points
4 091 725 defined LC borders

RECOGNISING INCONSISTENCIES

PREPARATION OF DATABASE EXPORTS

DATA PREPARATION FOR EDITING

ELIMINATION INCONSISTENCIES USING SOFTWARE

MANUAL ELIMINATION OF INCONSISTENCIES BY
CONTRACTOR

**Nearly 300.000
discrepancies
in data**

**MANUAL ELIMINATION OF INCONSISTENCIES WITH THE HELP OF A SMA EXPERT
– REGIONAL SMA OFFICES**

ELIMINATING INCONSISTENCIES ON BORDERS OF
REGIONAL SMA OFFICES

ANALYSIS

DATA PREPARATION FOR DATABASE IMPORT

LIST OF UNRESOLVED INCONSISTENCIES

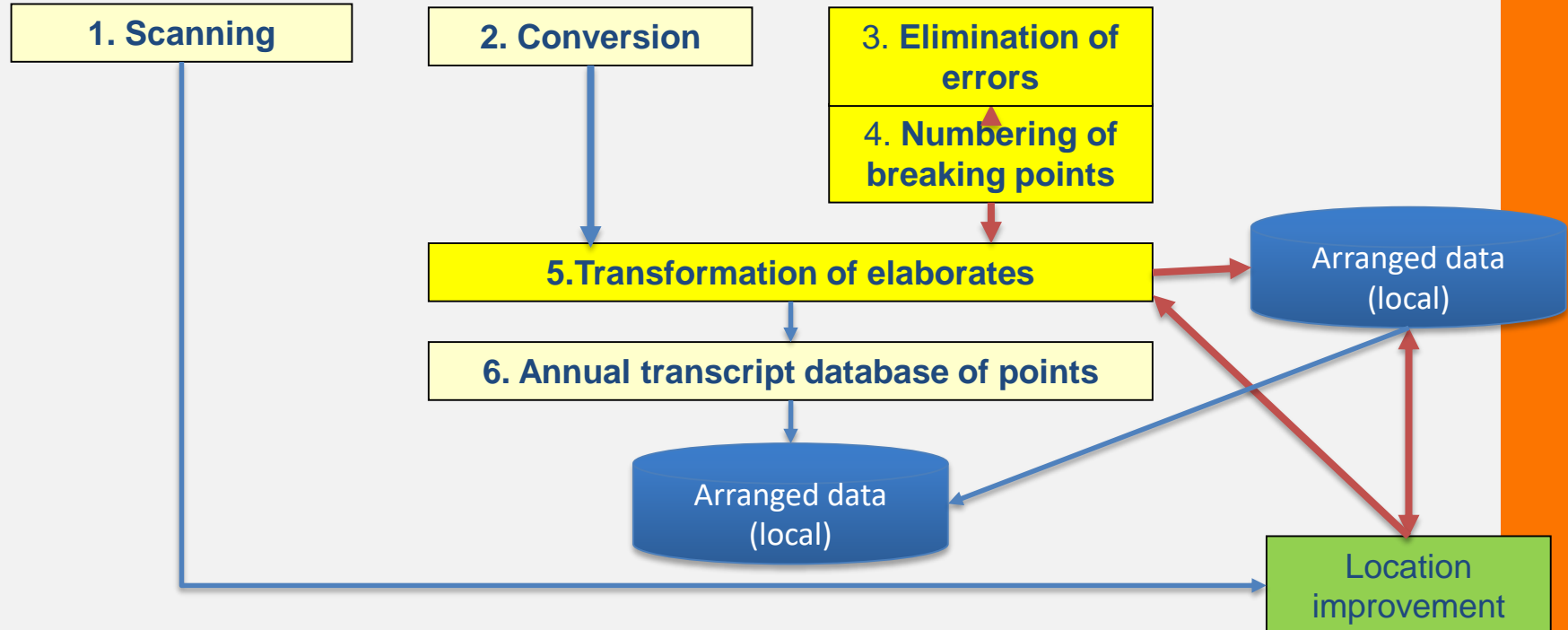
DATABASE IMPORT OF CORRECTED DATA

ELIMINATION OF INCONSISTENCIES AT REGIONAL SMA OFFICES
– SMA EXPERTS

ANALYSIS

The arrangement (preparation) of data for location improvement land cadastre

1. Scanning of archive data
2. Conversion of old codes for land use into LUB*
3. Elimination of errors in the data
4. Numbering of breaking point in graphic data
5. Transformation of elaborates (studies)
6. Annual transcript database of points and arranged borders



1. Scanning of archive of LC:

Measures to improve DQ

- Assurance of quality data in the procedures of real estate recording
- Controls are set down for recording a new property and for updating existing property
- Internal intranet application for data quality testing with included 67 types of possible errors updated on daily basis
- Branch offices have to plan and report on troubleshooting every three month

Data quality control

Pregledovalnik napak - Microsoft Internet Explorer

Datoteka Urejanje Pogled Priključene Orodja Pomoč

Naslov http://kontrola.gurs.sigov.si/napake/prikaz_nep.php

Pregled napak

GP: Šifra KO: Parcela: / [Statistika](#)

[A/DQVŠČINA\(1\)](#) [BREŽICE\(2\)](#) [CELJE\(3\)](#) Stavba: - [Išči](#)

Napaka: [Seznam \(napaka\)](#) [Šifrant napak](#)

Sifra	Kratek opis	Tip
1	Parcelni del brez centroida	ZKKS
2	Stavba ni povezana z nobeno parcelo	ZKKS
3	Relacije brez parcele v veljavnem stanju	ZKKS
4	Prazne površine ZPS ali površine 0 (razen za minimalni vpis)	ZKKS
5	Površina ZPS ne sme biti večja od površine parcele	ZKKS
6	V ZK je na parcelnem delu st. stavbe, ki v KS ni povezana s to parcelo	ZKKS
7	V ZK je parcelnem delu st. stavbe, ki ne obstaja v KS	ZKKS
8	Če je narejeno zemljišče pod stavbo, mora imeti stavba katastrski vpis	ZKKS
9	Stavba ima katastrski vpis in nima ZPS	ZKKS
10	Ena HS je lahko določena le eni stavbi	ZKKS
11	Različnost podatkov KS-REN - st. etaz	ZKKS
12	Različnost podatkov KS-REN - st. pritlične etaze	ZKKS
13	Različnost podatkov KS-REN - uporabna površina	ZKKS
14	Različnost podatkov KS-REN - dejanska raba	ZKKS
15	Različnost podatkov KS-REN - st. etaze	ZKKS
16	Različnost podatkov KS-REN - prostor je v KS, ni v REN	ZKKS
17	Različnost podatkov KS-REN - prostor je v REN, ni v KS	ZKKS
18	Različnost podatkov KS-REN - razlika v površini prostorov	ZKKS
19	Stavbe, katerih centroid leži izven obrisa stavbe	ZKKS
20	Stavbe brez obrisa v katastru stavb (razen min. vpisi)	ZKKS
21	Neto tlorisna površina ne sme biti enaka 0	ZKKS
22	Dejanska raba delov stavb ni 7 mestna	ZKKS
23	Stevilka etaze dela stavbe ne sme biti večja od stevila etaz	ZKKS
24	Pritlična etaza ne sme biti večja od stevila etaz	ZKKS
25	Del stavbe brez vrednosti - brez skupnih delov in brez min. vpisov	REN
26	Parcela brez vrednosti	REN
27	Lastnik parcele v ZK je oseba s fiktivnim EMSO	ZKKS
28	Lastnik dela stavbe v KS je oseba s fiktivnim EMSO	ZKKS
29	Lastnik parcele v REN je oseba s fiktivnim EMSO	REN
30	Lastnik dela stavbe v REN je oseba s fiktivnim EMSO	REN
31	V isti stavbi različne stanovanjske dejanske rabe	ZKKS
32	Stevilo etaz je manjše od max. številke etaze dela stavbe v tej stavbi	REN
33	Stevilka pritlične etaze je večja od stevila etaz in nobena od njih ni 0	REN
34	Leto izgradnje je večje od trenutnega leta	REN
35	Leto obnove strehe je manjše od leta izgradnje stavbe	REN
36	Leto obnove fasade je manjše od leta izgradnje stavbe	REN
37	Stevilka etaze je večja od stevila etaz	REN
38	Če je lega dela stavbe "nadstropje", mora biti izpolnjena številka nadstropja	REN
40	Leto obnove oken je manjše od leta izgradnje stavbe	REN
42	Leto obnove instalacij je manjše od leta izgradnje stavbe	REN
43	Neto tlorisna površina je manjša od uporabne površine	REN
44	Neto tlorisna površina je 0	REN
47	Prostor > 11 --> mora biti neto pov. večja od uporabne pov. + pov. prostorov	REN
48	Prijavljena dejavnost brez stevila sob in površine za opravljanje dejavnosti	REN
50	V isti stavbi različne stanovanjske dejanske rabe	REN
51	Lastnik KS brez naslova	ZKKS
52	Lastnik ZK brez naslova	ZKKS
53	Lastnik dela stavbe v REN brez naslova	REN
54	Lastnik parcele v REN brez naslova	REN
55	Neznani lastnik dela stavbe v REN	REN

Dokončano

Local intranet

start » predlog Ure... » 2 Microsoft ... » 2 Windows ... » 2 Firefox » 3 Internet E... » Microsoft Pow...

9:20

59 controls
67 error types

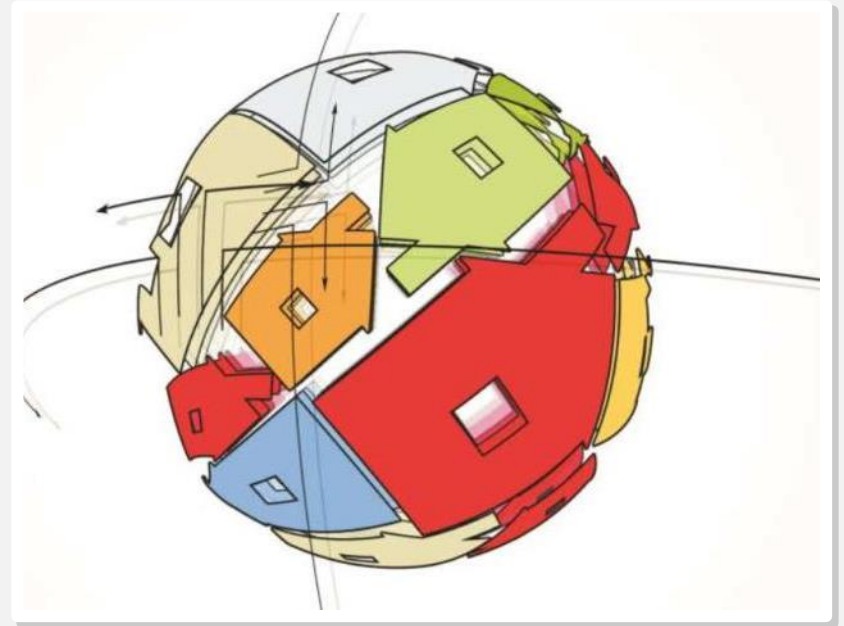
Buildnig cadastre + REN

1177926 buildings

1851154 building parts)

Building Cadaster is a basic data set on buildings and is linked to the land cadaster and land registry

Record in BC is the basis for land registration



- Simplification of data management and quality upgrades of data (buildings and parts)
- Optical sensing of lidar recordings with an automated process of new or changed buildings .
- Reporting of the owners to geodetic Inspection



Register of Spatial Units

Provides data on addresses and other spatial definitions.

Provides data for the central national registers like the Central Population Register, the Slovene Business Register, the Register of Taxpayers and many other official data and data sets

523 363 house numbers

10 060 streets

6029 settlements

210 municipalities

58 administrative units

2.695 cadastral communes

17.352 spatial areas

3.378 voting units (parliament elections)

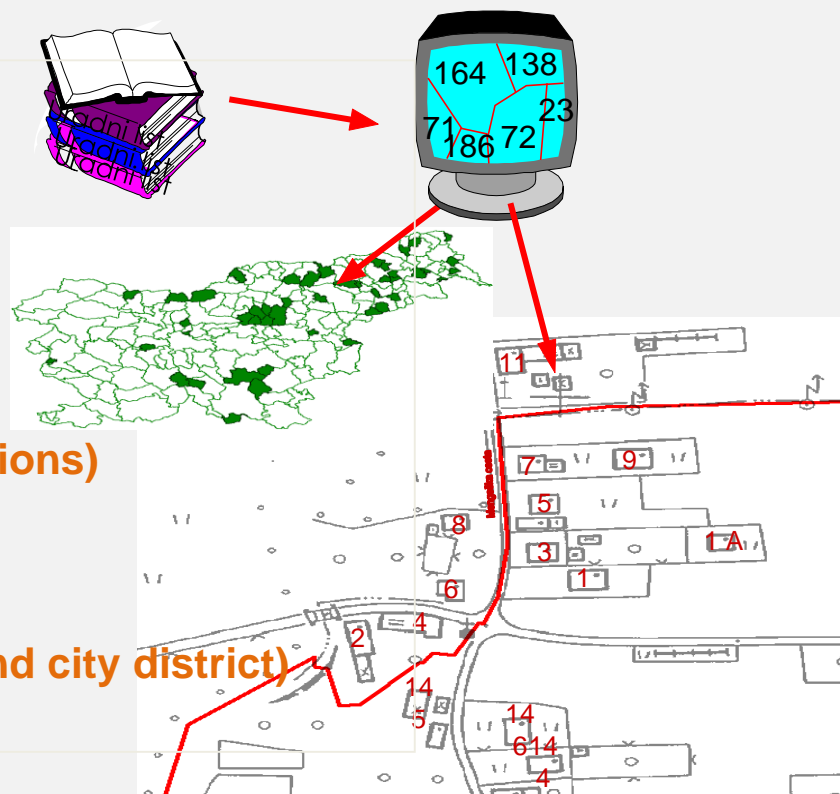
3.461 voting units (local elections)

465 postal districts

808 school localities

1.270 communities (local, village and city district)

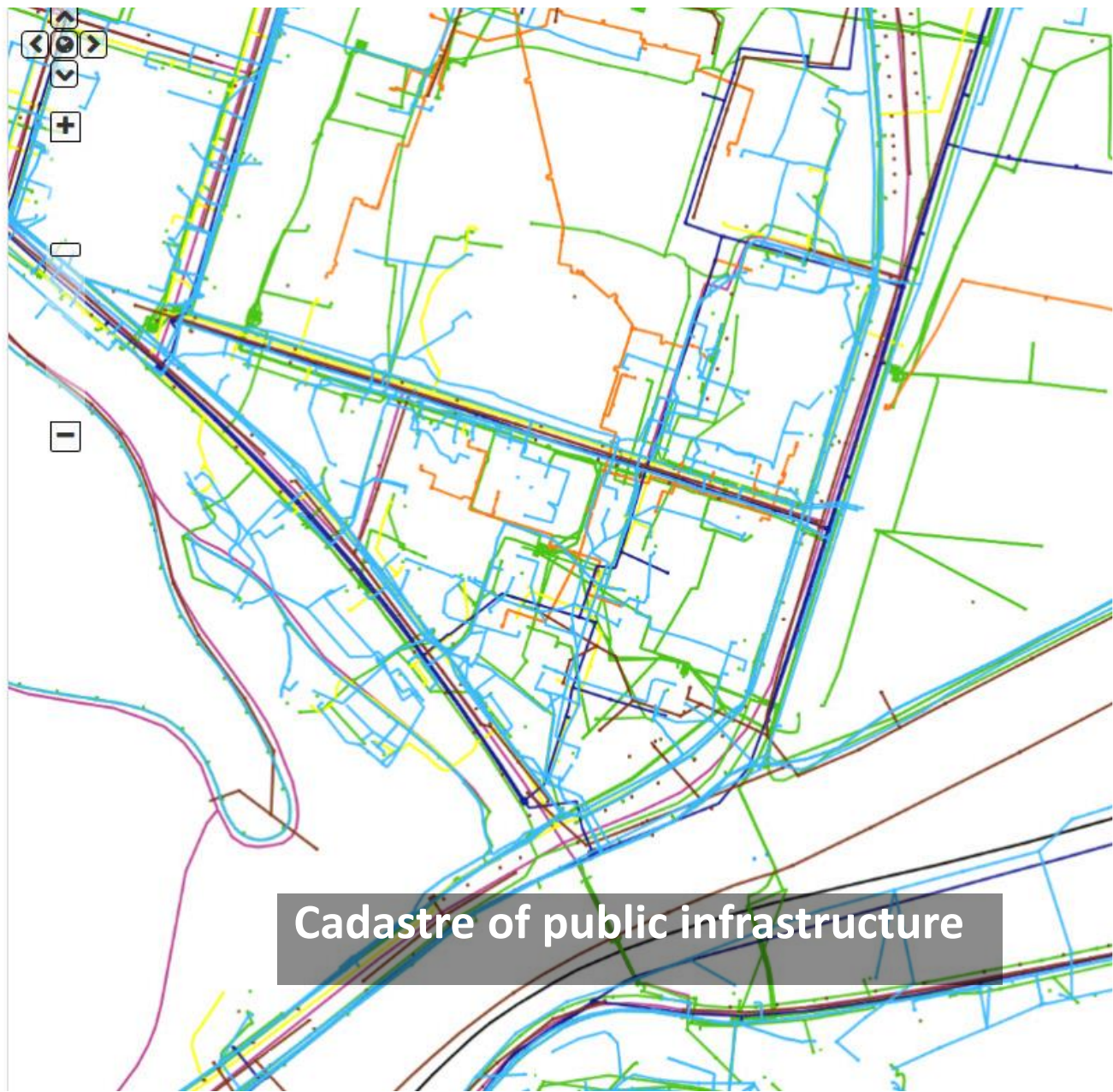
12 statistical regions

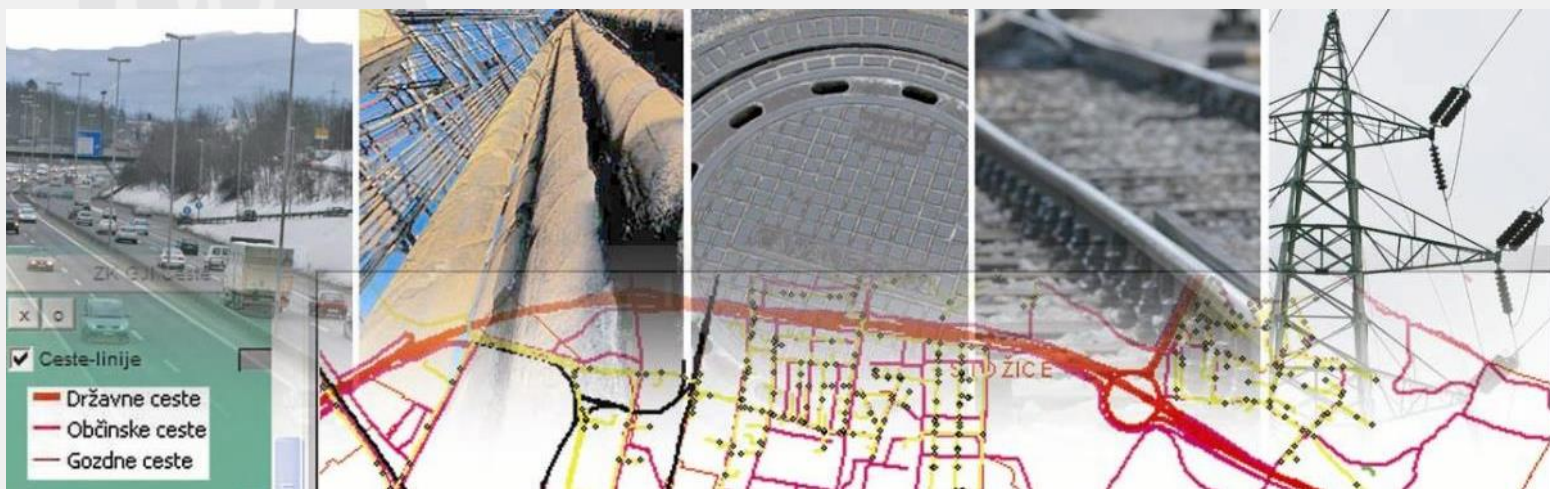


Administrative procedures for DQ assurance

- Simplifying procedures for recording real estate in cadastres
- Obligation of arranging real estate data in cadastres before getting the house number
- Procedures for registration of permanent residence and place of business
- Owners in real estate databases from CRP and CBR
- Connecting data from cadastres with data in Land registry

Česte-linije 
 eznice
 železnice-linije 
 železnice-točke 
 ališča
 .etališča-ploskve 
 .etališča-točke 
 stanišča
 ristanišča-ploskve 
 ristanišča-točke 
 ktrična energija
 El. energija-linije 
 El. energija-ploskve 
 El. energija-točke 
 neljski plin
 žem.plin-linije 
 žem.plin-ploskve 
 žem.plin-točke 
 lotna energija
 ōp.energija-linije 
 ōp.energija-ploskve 
 ōp.energija-točke 
 ũni derivati
 lafta-linije 
 lafta-ploskve 
 lafta-točke 
 űovod
 űodovod-linije 
 űodovod-ploskve 
 űodovod-točke 
 űalizacija
 űanalizacija-linije 
 űanalizacija-ploskve 
 űanalizacija-točke 
 padki
 űdpadki-ploskve 
 űdpadki-točke





1. TRAFIC INFRASTRUCTURE

(roads, railways, airports, harbours)

2. ENERGY INFRASTRUCTURE

(power lines, gas supply, heat supply, pipelines)

3. MUNICIPAL INFRASTRUCTURE

(water supply, sewage system)

4. WATER INFRASTRUCTURE

5. TELECOMMUNICATION NETWORKS

**From the year 2006, systematic gathering of data
(state, municipalities,**

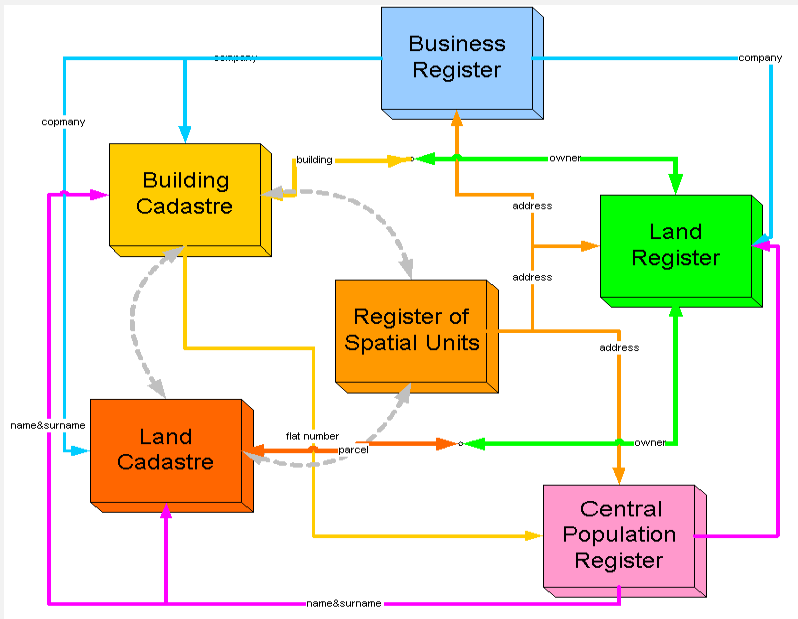
Statistics - CPI

Type	Number of objects	Length [km]
Roads	138.122	50.660
Railways	7.545	2.495
Airports	130	-
Ports	1.095	-
cableways	323	21
Electricity	1.831.337	47.479
Natural gas	492.315	5.895
Thermal energy	74.140	1.061
Petroleum products	218	-
Water distribution system	1.120.664	26.818
Sewage system	872.610	10.633
Waste management	4.498	-
Water infrastructure	10.491	63
Electronic communications	2.886.282	66.837
TOGETHER	7.440.041	211.968



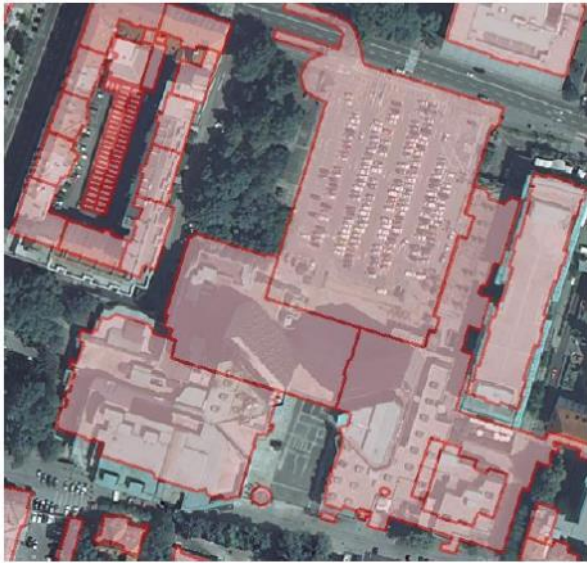
1. Permanent positional controls of data (field measurements)
2. Topological controls (consistency, distance between objects)
3. **Software with formal, logical and other controls**
4. Code lists harmonised with other data providers
5. Controls and links with other databases
6. **Analyse of positional accuracy of objects in CPI (few municipalities, field measurements... → update of software, capturing rules, and classes of attributes)**

Linking different data sets

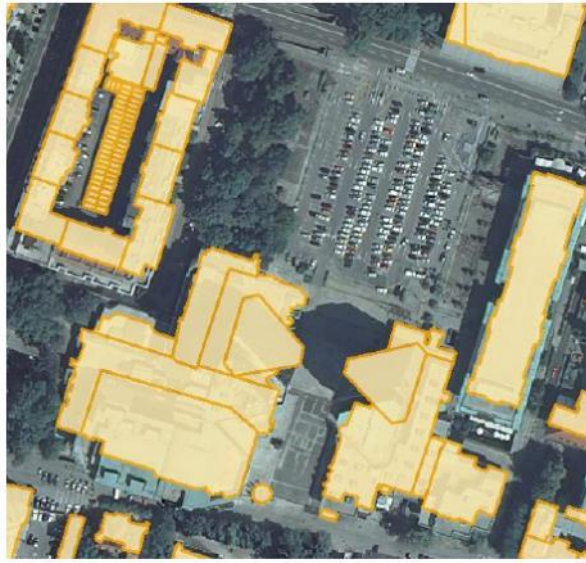


- Core data sets – links through web services established
- Importing data from different data sources
- Same object types in different data sets

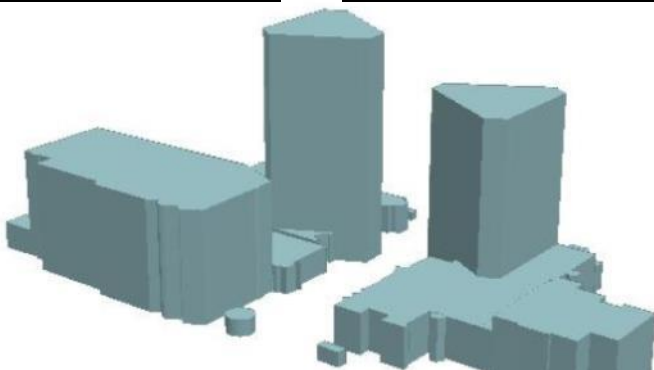
Harmonization of data in different datasets



Building cadastre



Topographic database



3D representation of the object

- Same objects in different data sets
- Capture rules
- Changes in feature catalogues
- New procedures for updating
- Capturing and storing only once

Services

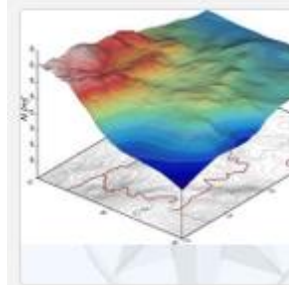
National services
INSPIRE services
ELF services



Metadata

Extended INSPIRE profile
(harvesting, national open data portal)

Digitalni model geoida (SLOAMG2000)



Podatkovni
SLOvenski
iz leta
astro?grav
kombinira
metodi ko
uporabo ?
MOP-Geo



INSPIRE

SMA – national
contact point

E-GEODETSKI PODATKI

1. Temeljni topografski načrt
2. Državni topografski model
3. Državna topografska karta
4. Državna pregledna karta

Open data

Free download of
open data

Applications

Viewers, data
download,
changing data,
calculating...



Geoportal

One entry point
for spatial data,
metadata,
services, glossary



Slovenski geoportal



Monitoring

Service

KDSS pregled Replikacije

Osveži vsakih Zadnja osvežitev ob 16:59:14

Generalno stanje zadnjro uro

ID_TEST	STATUS	CAS_TESTA	START_TESTA
438728	OK	11.883 s	20.09.2015T16:56
438727	OK	5.88 s	20.09.2015T16:51
438726	OK	8.615 s	20.09.2015T16:46
438725	OK	5.846 s	20.09.2015T16:41
438724	OK	16.512 s	20.09.2015T16:36
438723	OK	10.557 s	20.09.2015T16:31
438722	OK	5.888 s	20.09.2015T16:26
438721	OK	8.68 s	20.09.2015T16:21
438720	OK	11.251 s	20.09.2015T16:16
438719	OK	12.141 s	20.09.2015T16:11
438718	OK	9.47 s	20.09.2015T16:06
438717	OK	6.226 s	20.09.2015T16:01

1 - 12

Drevesni prikaz stanja Collapse All Expand All

- E-prostor spletni servisi test 438728 start 20.09.2015T16:56:13
 - GOV domena pov.cas sec 0,14
 - http://prostor2.gov.si/ows-m/wms | 0.207 s
 - http://cvig1.cs.sigov.si/ows-m/wms | 0.211 s
 - http://cvig2.cs.sigov.si/ows-m/wms | 5.406 s
 - https://prostor2.gov.si/b-ows/ows/wfs | 0.249 s
 - https://cvig1.cs.sigov.si/b-ows/ows/wfs | 0.213 s
 - https://cvig2.cs.sigov.si/b-ows/ows/wfs | 0.362 s
 - https://prostor2.gov.si/b-ows-s/getSessionId | 0.222 s
 - https://cvig1.cs.sigov.si/b-ows-s/getSessionId | 0.208 s
 - https://cvig2.cs.sigov.si/b-ows-s/getSessionId | 0.212 s
 - https://prostor2.gov.si/b-ows-s/getSessionId | 0.23 s
 - https://cvig1.cs.sigov.si/b-ows-s/getSessionId | 0.208 s
 - https://cvig2.cs.sigov.si/b-ows-s/getSessionId | 0.212 s
 - https://prostor2.gov.si/ows/ows/wfs | 0.201 s
 - https://cvig1.cs.sigov.si/ows/ows/wfs | 0.269 s
 - https://cvig2.cs.sigov.si/ows/ows/wfs | 0.197 s
 - https://prostor2.gov.si/ows-s/getSessionId | 0.191 s
 - https://cvig1.cs.sigov.si/ows-s/getSessionId | 0.182 s
 - https://cvig2.cs.sigov.si/ows-s/getSessionId | 0.191 s
 - https://prostor2.gov.si/ows-s/getSessionId | 0.222 s
 - https://cvig1.cs.sigov.si/ows-s/getSessionId | 0.182 s
 - https://cvig2.cs.sigov.si/ows-s/getSessionId | 0.222 s
 - SIGOV domena pov.cas sec 0,44
 - http://prostor2.sigov.si/ows-m/wms | 0.101 s
 - http://gs1.prostor.sigov.si/ows-m/wms | 0.54 s
 - http://gs2.prostor.sigov.si/ows-m/wms | 0.36 s
 - https://prostor2.sigov.si/b-ows/ows/wfs | 0.116 s
 - https://gs1.prostor.sigov.si/b-ows/ows/wfs | 0.104 s
 - https://gs2.prostor.sigov.si/b-ows/ows/wfs | 0.129 s
 - https://prostor2.sigov.si/b-ows-s/getSessionId | 0.184 s
 - https://gs1.prostor.sigov.si/b-ows-s/getSessionId | 0.151 s
 - https://gs2.prostor.sigov.si/b-ows-s/getSessionId | 0.133 s
 - https://prostor2.sigov.si/ows/ows/wfs | 0.114 s
 - https://gs1.prostor.sigov.si/ows/ows/wfs | 0.104 s
 - https://gs2.prostor.sigov.si/ows/ows/wfs | 0.098 s
 - https://prostor2.sigov.si/ows-s/getSessionId | 0.167 s
 - https://gs1.prostor.sigov.si/ows-s/getSessionId | 0.128 s
 - https://gs2.prostor.sigov.si/ows-s/getSessionId | 0.143 s

PUB_WFS_service

Generic Service: PUB_WFS_service > Status History: PUB_WFS_service

Status History: PUB_WFS_service

Page Refreshed 20-Sep-2015 17:22:06 CEST View Data Last 31 days

availability

General

Current Status: Up Since 18-Sep-2015 08:33:17

Availability: 100.0% Based on Service Test

Down Time (minutes): 19.2

Blackout Time (minutes): 0.0

Agent Down Time (minutes): 0.0

System Error Time (minutes): 0.0

Details

Show only key tests

Name	Type	Status	History
PUB_WFS_service	Generic Service	Up	
GetCapabilities_WFS	EM Management Beacon	Up	

History

View Outages

Start Time	End Time	Severity	Duration(Min)	Outage Type
18-Sep-2015 08:23:43	18-Sep-2015 08:33:17	9.6	Down	
27-Aug-2015 15:23:42	27-Aug-2015 15:33:17	9.6	Down	

PUB_WFS_service

Generic Service: PUB_WFS_service > Web Transaction: GetCapabilities_WFS

Web Transaction: GetCapabilities_WFS

Home Performance

Page Refreshed 20-Sep-2015 17:20:29 CEST

performance

Historical Metric Data

Select the filters by which to display the graph.

Beacons: EM Management Beacon Metrics: Perceived Total Time (ms) Go Show Multiple Components

Components: GetCapabilities_WFS (Transaction)

Perceived Total Time (ms)

August 2015 September

EM Management Beacon

The end





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