

Ministry of Environmental
Protection and Regional
Development
Republic of Latvia

Implementation of the INSPIRE Directive in Latvia

Bilateral meeting, DG Enviro, 20th September 2019, Brussels

Deklasificēšanas pamatojums: KEM 13.01.2025. vēstule Nr.1-13/91



1. The *status quo* of priority data set

Answers to question «What is the latest status and the planning to implement the obligations of the INSPIRE Directive (metadata, services and availability through the EU geoportal) per priority data set? Please complete the enclosed template.»



National User-System Interface

VISS – Valsts informācijas sistēmu savietotājs

INSPIRE x GDS me... x Google x national x ERAF pro... x What's x Metadata x ArcGIS f... x ArcGIS f... x Inspire x Vladimir x

alog/wrapper/visgds.page

(19) Black Pumas ~... (8) The Silence - Ma... (8) Manchester Orc... (8) I Know How To... (8) Manchester Orc... (8) Kasetes - Like Yo... (8) MINTHA // NEFE... (7) Missing You...

VISS

Atbalsts Resursi E-uzdevumi E-veselība ĢDS

Metadata katalogs

Sākums | Help Ieiet

ns | Help Ieiet

Metadata

Search

Search

LAT EN

Metadata catalog

Search

FILTER BY PROFILES

Additional Options Clear

INSPIRE (data)

INSPIRE (service)

Latvia (data)

Results 1-10 of 108 record(s) 1 2 3 4 5 > Last

Atrikumu izgāztuvēs (poligoni)
Ezēl faili ar izgāztuvēm nosaukumiem, adresēm un koordinātām. Fails jāsagatavo no VISS Pārskata sistēmas (datu bāze 3-aktrikumi) un Piedāvāts un potenciāli piešķirts vērti (PPV) reģistrā.

[Details](#) [Metadata](#)

Plūdu riska zonas
Plūdu zonu shape fails ir vēktora datu formātā, kas sastāv no laukumiem, kas sevi ievēr apdzīja klaess, ko atsevišķi var izmaksot formātēšanā, le visuļu uzskatēni iebāk pārduļu teritorijā. Ūdens dzījumus, aprēķinātu tipumu un laukumi, ...

[Details](#) [Metadata](#)

Vides plesānpriņuma ziņojanas vienības (troksnis)
Vides troksnis

[Details](#) [Metadata](#)

Latvija pazemes ūdeņu rajonu apgabali (INSPIRE)
Latvija pazemes ūdeņu rajonu apgabali robežas un startspunktas pazemes ūdeņu rajona nosaukums. Šis sagatavots INSPIRE GML un ESRI File geodatabase formātās.

[Details](#) [Metadata](#)

Protected species distribution (data)
The requirements of species protection are defined by Species and Habitat Protection Law of March 16, 2000, which is based on Directive 92/43/EEC on protection of natural habitats and wildlife, and on Directive 2009/147/EC on protection of wild birds. Acc...

...docx ^ 2011.10.16_atbild...doc ^

Show all X

13:19 17.09.2019

INSPIRE data – 108 records

Atbalsts Resursi E-uzdevumi E-veselība ĢDS

Metadata katalogs

Metadata catalog

Search

FILTER BY PROFILES

Additional Options Clear

INSPIRE (data)

INSPIRE (service)

Latvia (data)

Results 1-10 of 120 record(s) 1 2 3 4 5 > Last

INSPIRE_View GE_HG_PUO
Pazemēs ūdens objekti

[Details](#) [Metadata](#)

Protected Sites (Inspire Feature Download)
Specially protected nature sites, Natura 2000. The institution responsible for this issue is Nature Conservation Agency (NCA), subordinated to the Ministry of Environment and Regional Development. NCA is responsible for storing and updating data on specia...

[Details](#) [Metadata](#)

Aizsargājamās dabas teritorijas (INSPIRE lejupielādes pakalpojums)
IADT, Natura 2000. Par šo datu tēmu atbildīgā ministrijas institūcija ir Dabas aizsardzības pārvalde (DAP), kas uzkrāj un aktualizē informāciju par iepaši aizsargājamajām dabas teritorijām un mikrolegumiem. Visa informācija ir pieejama digitālā veidā ar ...

[Details](#) [Metadata](#)

INSPRIRE data – 120 records



108

Metadata records

Last successful harvest: 107

11

Downloadable Data Sets

Last successful harvest: 8

27

Viewable Data Sets

Last successful harvest: 20

22

Metadata records

Last successful harvest: 21

2

Downloadable Data Sets

Last successful harvest: 2

9

Viewable Data Sets

Last successful harvest: 3

INSPIRE Geoportal – LV statistics on records 17th September 2019

Priority Data Sets - EU & EFTA Country overview



Show:

Downloadable Viewable

INSPIRE Geoportal Data Set Statistics

1426

Metadata records

589

Downloadable Data Sets

Select a COUNTRY

Austria	89	76	84
Belgium	124	66	63
Bulgaria	148	4	3
Croatia	15	1	3
Cyprus	5	0	0
Czech Republic	40	13	38
Denmark	55	20	15
Estonia	21	2	1
Finland	16	15	14
France	93	1	1
Germany	76	23	47
Greece	54	2	54
Hungary	18	2	2
Iceland	2	2	0
Ireland	18	0	0
Italy	27	1	9
Latvia	22	2	9
Liechtenstein	0	0	0
Lithuania	74	63	3
Luxembourg	61	59	56
Malta	54	54	54
Netherlands	54	34	34
Norway	14	1	1
Poland	12	0	3
Portugal	134	28	72
Romania	21	10	10
Slovakia	52	10	11
Slovenia	9	6	0
Spain	84	83	84
Sweden	34	11	25
Switzerland	0	0	0
United Kingdom	0	0	0



Practical solutions already launched regarding priority data sets

Latvian Environment, Geology and Meteorology Centre –
owner of almost all priority data sets

Identified problems with until approval of EU Fund projects:

- Financial and human resources were a major challenge;
- Existing data formats do not meet INSPIRE requirements;
- There is no digitised information available for individual datasets or only partially available in digital format;
- Object coordinate data is maintained in a number of systems, not used together;
- Information is maintained in the form of separate files, in different formats.



Provision and development of INSPIRE ICT infrastructure – the first project



LATVIJAS VIDES, ĢEOLOGIJAS
UN METEOROLOĢIJAS CENTRS



NACIONĀLĀS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
Eiropas Reģionālās
attīstības fonds

I E G U L D Ī J U M S T A V Ā N Ā K O T N Ē

Project «Development and improvement of information systems for geospatial data and flood data of the Daugava basin» is implemented with European Regional Development Fund financing, project promoter LEGMC

Main activities of the project (I):

- to establish a central LEGMC geospatial data information system in which it would be possible to collect all geospatial information at the disposal of the LEGMC, ensure that this information is used in the context of INSPIRE directive,
- at least nine data sets transformed and published in accordance with INSPIRE Directive specifications.



Provision and development of INSPIRE ICT infrastructure – the first project



LATVIJAS VIDES, ĢEOLĢIJAS
UN METEOROLOĢIJAS CENTRS

NACIONĀLĀS
ATTĪSTĪBAS
PLĀNS 2020



EIROPAS SAVIENĪBA
Eiropas Reģionālās
attīstības fonds

I E G U L D Ī J U M S T A V Ā N Ā K O T N Ē

Main activities of the project (II):

- to develop the subsystem of the Subterranean Depths;
- to develop Flood risk information system for Daugava's basin district.

Total budget: 1 100 000,00 EUR;

Implementing period: April 27th 2018 - December 26, 2020; however
deadline for data sets in accordance with requirements of INSPIRE Directive
– December 31, 2019)



Provision and development of INSPIRE ICT infrastructure – the second project



Project «Improvement of National Environmental Monitoring and Other Environmental Data Processing and Storage Infrastructure» is implemented with Cohesion Fund financing, project promoter LEGMC

Main activities of the project (I):

- To prepare data available to the Latvian Environment, Geology and Meteorology Centre for re-use in accordance with the requirements of the INSPIRE directive (25 data sets);
- to improve the capacity of the data centre



Provision and development of INSPIRE ICT infrastructure – the second project



Main activities of the project (II):

- updating of transformed data sets, ensuring the maintenance of view and download services for data sets in accordance with INSPIRE directive, including data sets prepared in ERDF project;
- to improve national PRTR register and subsystem of the river basin management

Total budget: 3 350 000,00 EUR;

Implementing period: December 14, 2018 - December 13, 2022;
however deadline for data sets in accordance with requirements of
INSPIRE Directive – December 31, 2019)



2. National Geoportal

Answers to question «Can you demonstrate to us the National Geoportal and how we and others can get access to environmental data through it?»

Latvian Geoportal – responsibility and development

1. The State Regional Development Agency of Latvia is an authority operating under the supervision of the Ministry of Environmental Protection and Regional Development.
2. Agency is managing some programs of state support, activities of the European Union Structural Funds and some foreign support instruments.
3. Agency has implemented the Geoportal project through European Structural Funds.

Basic information

- Project start date – 16 July 2009
- Project end date – 30 June 2015

Geoportal include public part of the section «Spatial Development Planning»
Spatial Development Planning Information System implemented as a separate project
through European Structural Funds:

- Project start date – 20 August 2009
- Project end date – 04 May 2015



Legislative frame for National Geoportal

1. Regulations No. 668 on the State Uniform Geospatial Information Portal

<https://likumi.lv/ta/en/en/id/235212-regulations-regarding-the-state-uniform-geospatial-information-portal>

This Regulation prescribes:

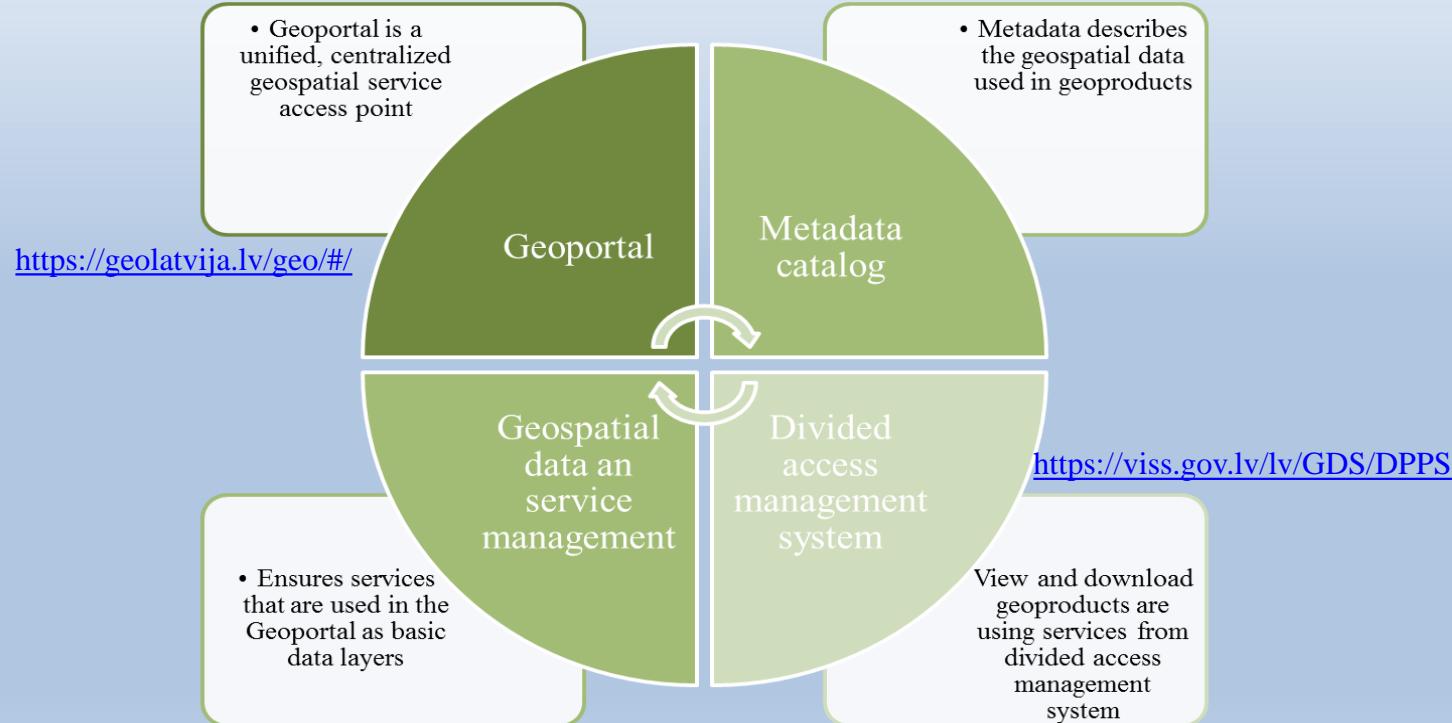
- 1.1. the metadata and geospatial data sets (hereinafter - data sets) to be included in the State uniform geospatial information portal (hereinafter - geoportal);
- 1.2. the functions and tasks of the manager of the geoportal;
- 1.3. the requirements to be put forward to the holders of data sets and their duties in order to ensure the availability of metadata and data sets in the geoportal and use thereof;
- 1.4. the provisions for the use of geospatial information included in the geoportal.

2. The geoportal shall ensure uniform access to metadata, data sets and geospatial information services (hereinafter - services).
3. The web address of the geoportal - **www.geolatvija.lv**



Latvian Geoportal architecture

<https://geometadati.viss.gov.lv/geoportal/catalog/wrapper/ivisgds.page>





Geoportal sections

<https://geolatvija.lv/geo/mapviewer>



Map browser

<https://geolatvija.lv/geo/search>



Geoproducts



Map services



Embedded
map

<https://geolatvija.lv/geo/tapis>



Spatial
development
planning



Information
section

https://geolatvija.lv/geo/map/edit?call_id=itemsmanager&menusection=emb

https://geolatvija.lv/geo/Content/help/lv-LV/GEO_help_DPautoriz/index.html



Embedded map

- Allows institutions to publish iframe maps on their web pages
- Increases the usage of the data
- Allows access to the state institution data from various web pages
- Allows to use state institution maps in different e-services

Public service's card

Home > Public services > 2933

Translated using machine translation service Hugo.lv

Pre-school education services

Izvēlētā teritorija: [Alūksnes novads](#) (mainit)

Izvēlētā organizācija: [Alūksnes novada pašvaldība](#)

Nosaukums pašvaldībā: [Pre-school education services \(Aluksne Municipality Self-government\)](#)

Īss apraksts:

You have the opportunity to apply for / to register the children 's nursery school. The lawful representatives of the child, is the possibility of co-financing for the receipt of services of the local government pre-school education in the territory of a child in a private nursery schools.

A local government provides support for the private child supervision services providers established in accordance with the procedures specified in regulatory enactments and shall provide support to pre-school education programmes aimed at encouraging the child's family, than one child from a year and a half old and basic education for the commencement of the acquisition of admission if the child is registered in its municipal nursery schools, which is the declared place of residence of the child

Sanēmēji: Individual

Maksimālais termiņš (darba dienās): 30

Izvēlētā teritorija: **Alūksnes novads**

Dati: ©GLIA, VZD



Metadata Catalogue I

Metadata Catalogue

- Prepares, maintains and distributes spatial data sets metadata

<https://geometadati.viss.gov.lv/geoportal/catalog/wrapper/ivisgds.page#/>

- Provides INSPIRE Discovery Service

<https://geometadati.viss.gov.lv/geoportal/csw?request=GetCapabilities&service=csw&version=2.0.2&language=LVA>





Metadata Catalogue II

Priority Data sets in Latvia

<https://inspire-geoportal.ec.europa.eu/results.html?country=lv&view=details&legislation=all>

```
▼<gmd:descriptiveKeywords>
  ▼<gmd:MD_Keywords>
    ▼<gmd:keyword>
      <gco:CharacterString>Habitat types distribution (Habitats Directive)</gco:CharacterString>
    </gmd:keyword>
    ▼<gmd:keyword>
      <gco:CharacterString>Habitat types range (Habitats Directive)</gco:CharacterString>
    </gmd:keyword>
    ▼<gmd:thesaurusName>
      ▼<gmd:CI_Citation>
        ▼<gmd:title>
          <gco:CharacterString>INSPIRE priority data set</gco:CharacterString>
        </gmd:title>
      ▼<gmd:date>
        ▼<gmd:CI_Date>
          ▼<gmd:date>
            <gco:Date>2019-05-07</gco:Date>
          </gmd:date>
        ▼<gmd:dateTime>
          <gmd:CI_DateTypeCode
            codeList="http://standards.iso.org/ittf/Public
            codeListValue="publication">publication</gmd:CI
          </gmd:dateTime>
        </gmd:CI_Date>
      </gmd:date>
    </gmd:CI_Citation>
  </gmd:thesaurusName>
</gmd:MD_Keywords>
</gmd:descriptiveKeywords>
```

INSPIRE prioritārās datu tēmas

Prioritārās datu tēmas

Prioritārā datu tēma Habitat types distribution (Habitats Directive), Habitat types range (Habitats Directive)

Vārdnīca

Izmantotā kontrolētā vārdnīca INSPIRE priority data set

Atskaites datums 2019-05-07

Datuma tips publicēšana



Metadata Catalogue III

Example, where data and services are linked correctly ->

Data metadata

-> <https://geometadati.viss.gov.lv/geoportal/rest/document?id={5C6DA8EA-4312-41B9-A359-AED0A62039DF}>

View service metadata

-> <https://geometadati.viss.gov.lv/geoportal/rest/document?id={2377EA68-A90B-4634-AFFE-0F53FC814F6F}>

Download service metadata

-> <https://geometadati.viss.gov.lv/geoportal/rest/document?id={8B015438-5E12-4F2C-8D5C-C658DCB5AC74}>

View service ->

http://proxygds.viss.gov.lv/arcgis/rest/services/Predefined/Forest_fire_statistics/MapServer/exts/InspireView/LAV/service?request=GetCapabilities&service=WMS

Download service ->

http://proxygds.viss.gov.lv/arcgis/rest/directories/arcgisforinspire/Predefined/Forest_fire_statistics_MapServer/serviceatoma1.xml



Geospatial data and service management

Geospatial data and service management

- Backend solution for preparation, use, exchange and maintenance of geospatial information:
 - OGC service standard:
 - View Services (WMS)
 - Feature Services (WFS)
 - Discovery Services (CSW)
 - INSPIRE standard:
 - View Service (OGC WMS + INSPIRE requirements)
 - Download Service (OGC WFS + INSPIRE requirements)





Divided access management system (DPPS) I

<https://viss.gov.lv/lv/GDS/DPPS>

Divided access management system

- Storing access rights for geospatial services
- User permissions validation against geospatial service access permissions, access control
- Receiving geospatial service data from geospatial service suppliers
- Providing data to user portals from geospatial services



Divided access management system (DPPS) II



Atbalsts Resursi E-uzdevumi E-veselība E-pakalpojumi PK GDS Administrēšana VIRSIS

Metadata katalogs Dalītās piekļuves pārvaldības sistēma

Autentifikācija

Palīgs

Jurijs Hojms

Beigt darbu

DPPS katalogi

Pakalpu katalogs

Sagatavju katalogs

DPPS licences

Izsniegtās licences

Neapstiprinātās licences

DPPS administrēšana

Pieprasījumu atsekošana

Lietotāju/sistēmas audits

Viss > GDS > Dalītās piekļuves pārvaldības sistēma

Dalītās piekļuves pārvaldības sistēma

Dalītās piekļuves pārvaldības sistēma (DPPS) ir ģeotelpiskā datu savietotāja (GDS) sastāvdaļa, kas nodrošina piekļuvi pie dažādu datu turētāju (valsts aģentūru vai organizāciju) ģeotelpiskiem servisiem un ģeotelpisko servisu licenču definēšanu. Par ģeotelpisko datu pārvaldību un uzturēšanu atbild attiecīgie datu turētāji (vai VRAA administratori), bet DPPS sistēmas uzdevums ir nodrošināt tām piekļuves kontroli.

DPPS nodrošina:

- lietotāju pieprasījumu saņemšanu no portāliem;
- lietotāju autentificēšanu un autorizēšanu;
- piegādātāju ģeotelpisko pakalpu metadatu glabāšanu;
- ģeotelpisko pakalpu piekļuves tiesību glabāšanu;
- lietotāju tiesību salīdzināšanu ar ģeotelpisko pakalpu piekļuves tiesībām (ar mērķi dot lietotājiem tiesības ģeotelpiskajām pakalpēm);
- ģeotelpisko pakalpu datu saņemšanu no ģeotelpisko pakalpu turētājiem;
- ģeotelpisko pakalpu datu sniegšanu klientu portāliem.

Dalītās piekļuves pārvaldības sistēmas lietotāja rokasgrāmata



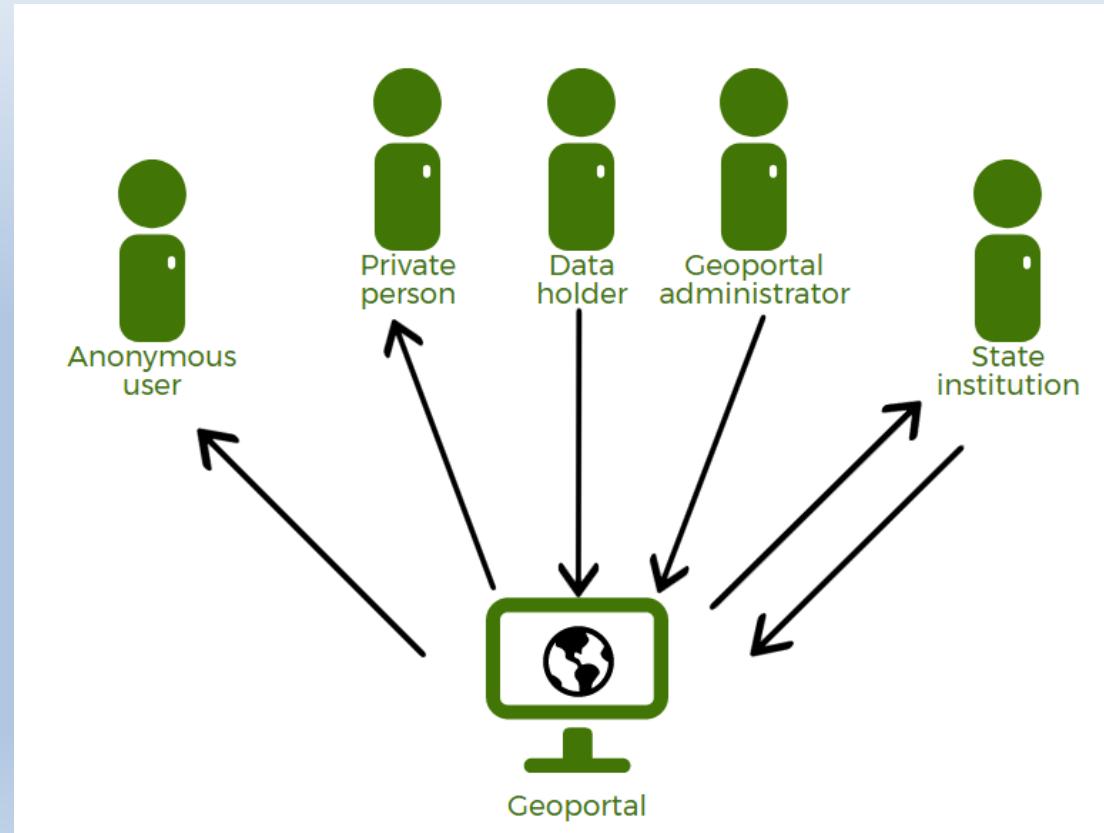
Divided access management system (DPPS) III

All service registering in a DPPS - <https://youtu.be/zPQ2hyxI060>

Workpiece definition in a DPPS - <https://youtu.be/-nfzg8KFQu8>

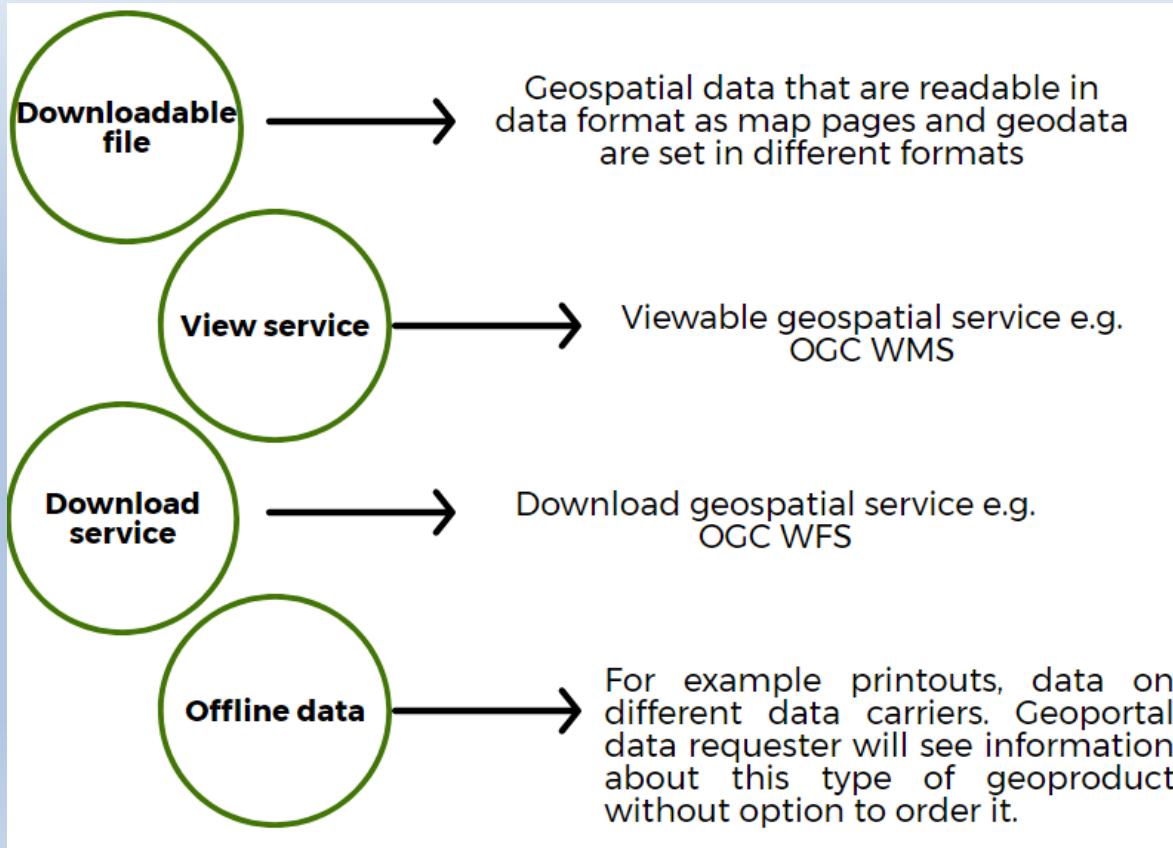


Geoportal users





Types of geoproducts





National Geoportal – practical demonstration



Metadata Catalogue

- Prepares, maintains and distributes spatial data sets metadata
<https://geometadati.viss.gov.lv/geoportal/catalog/wrapper/ivisgds.page#/>

Provides INSPIRE Discovery Service

<https://geometadati.viss.gov.lv/geoportal/csw?request=GetCapabilities&service=csw&version=2.0.2&language=LVA>

<https://geolatvija.lv/geo/#/>

The screenshot shows the GEOLatvia.lv portal interface. The top navigation bar includes links for Map viewer, Geoproducts, Map Gallery, Spatial development planning, and Metadata catalog. The main content area features a map of Latvia with various regions labeled D5-P, D6, D7, D8, F1, F2, A3, D4, and D10. A sidebar on the left, titled 'Geoproduct catalog', lists several options: Dabas aizsardzības pārvalde, Dabas dati pārvaldības sistēma, Anonīms produkts, Valsts SIA "Latvijas Vides, ģeoloģijas un meteoroloģijas centrs", Latvijas pašresursu iedzīvotā apgabali, Latvijas pašresursu iedzīvotā apgabali, Upju sistēces bāzes (INSPIRE WMS), Atvērto datu licence (CC0 1.0), Plāno riska karte (INSPIRE WMS), Atvērto datu licence (CC0 1.0), and Upju bāzes apgabali (INSPIRE WMS). The bottom right corner of the map shows a copyright notice: "Data © OpenStreetMap contributors".

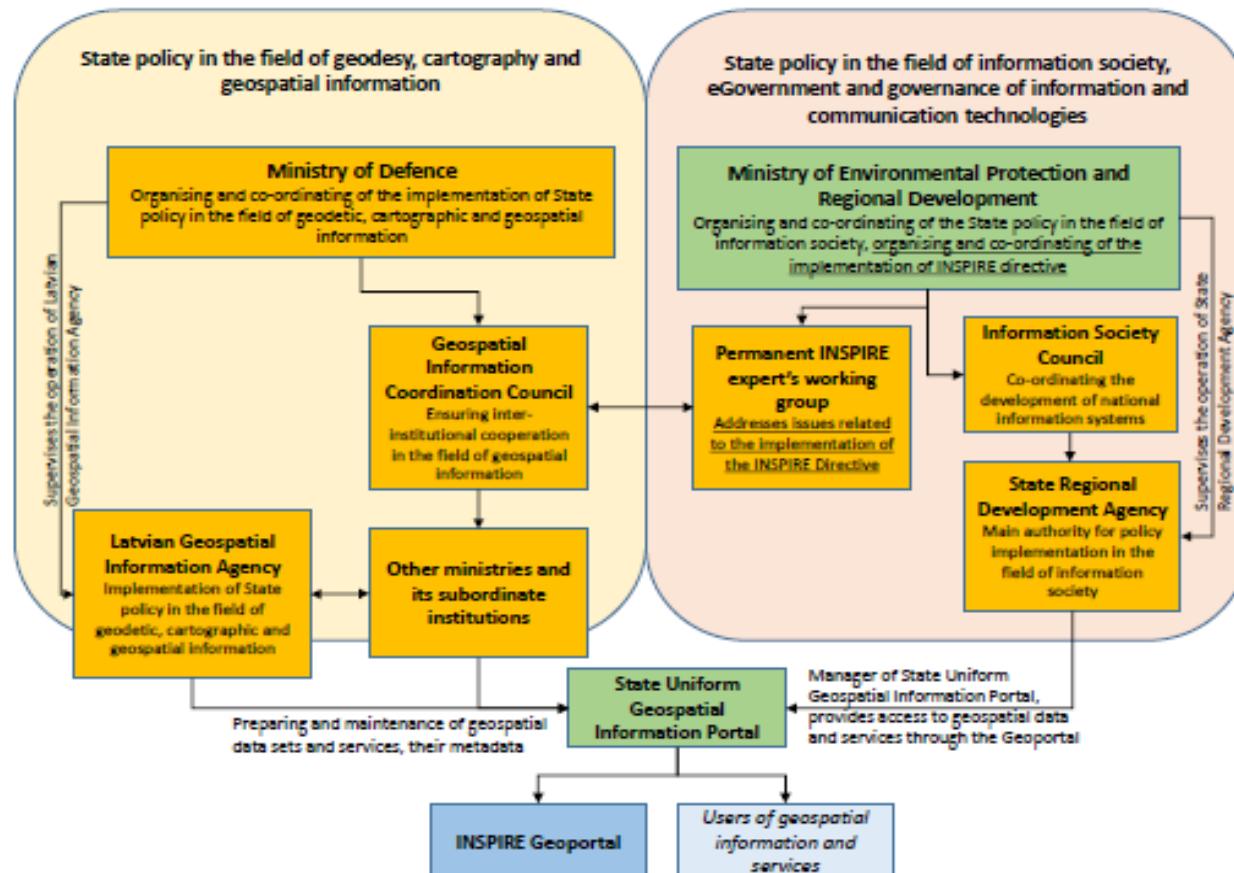


3. The coordination mechanisms on place

Answers to question «What are the coordination mechanisms in place or planned to ensure that environmental data (i.e. the priority datasets and the associated attributes) are made available and regularly updated in line with the INSPIRE Directive?»

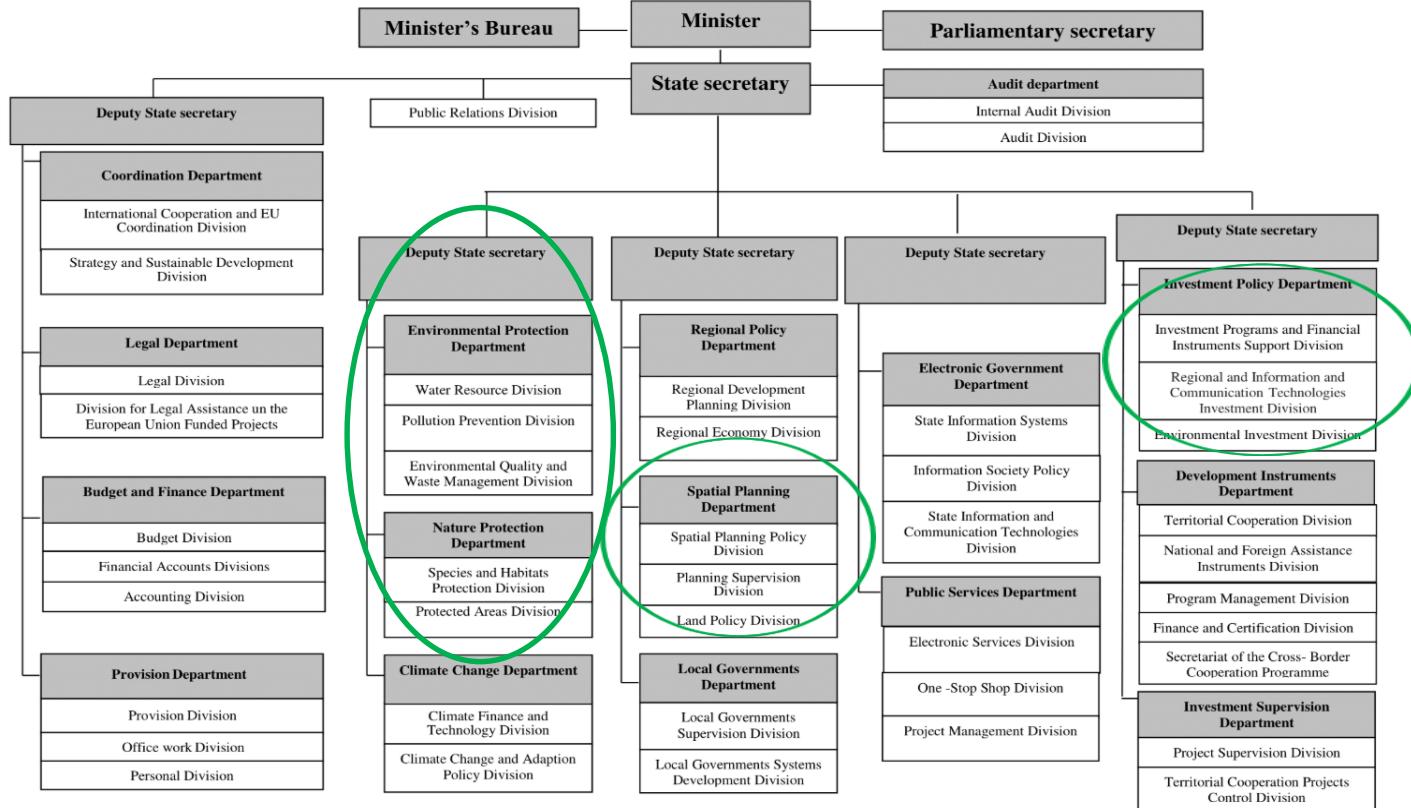


Coordination Structure, responsible institutions





Structure of the Ministry of Environmental Protection and Regional Development (17.10.2016.)





4. Implementing obstacles and solutions to overcome them

Answers to question «What are other encountered obstacles in implementing and how do you deal with these?»



Identified problems with implementation until now I

- ✓ Environmental reporting mechanism to EEA and EIONET Central Data Repository (CDR) in accordance with the EU environmental directives` requirements sometimes differ from those as defined in INSPIRE Directive - there`s no requirement to report in such format, e.g. reports under Water Framework Directive, Flood Directive.
- ✓ Not all defined priority data are collected in the country, e.g. mercury storage facilities – Latvia hasn`t such volumes and business facilities, as well as river dasin district sub-units are not defined in Latvia.
- ✓ In some places, e.g., in the theme «Nature» old services still exist, now data are broken down, transformed and new service developed, planned publication date is the mid of December 2019.
- ✓ Regarding theme «Industrial accidents» (data set No 39.01) - Seveso III location of establishments, involving dangerous substances - locations of all Seveso III establishments are reported in eSPIRS database (last updated on May/June 2019). On these data, Member States, for a number of reasons (mainly for national security or reservation of the establishments owners) stated in the Art. 4.3 and 4.4 of the Aarhus Convention can claim a confidentiality clause.



Identified problems with implementation until now II

- ✓ Data are collected and available in different formats.
- ✓ Low data quality, incl.:
 - there's no link between the data set metadata and the service (view and download) metadata,
 - services (view and download) do not refer to the data set and the service metadata.
- ✓ Often services do not exist at all.
- ✓ Difficulties with resources - both experts and financial, incl.:
 - lack of high qualified IT and GIS specialists, data and business analysts,
 - uncompetitive remuneration / wage in public institutions compared to the private sector



What are we doing / going to do? I

- ✓ Preparing an informative report to Cabinet of Ministers on problems, solutions and tasks identified with a proposal for establishment of Geospatial Information Centre - political aspect and responsibility is so important!
- ✓ Identifying the necessary revision in the National Geospatial Conception, changes in some legislative acts
- ✓ Adjusting fragmented licensing policy
- ✓ Strengthening responsibilities and duties between institutions for the active and efficient performance of their tasks regarding INSPIRE issue
- ✓ Developing appropriate ICT infrastructure for INSPIRE Directive's implementation
- ✓ Fostering partnership with business structures, NGOs, universities
- ✓ Starting to provide training / workshops for data set holders, using much wider training materials, manuals, guidelines



What are we doing / going to do? II

- ✓ Adopting the best practices, providing full functionality of the geoportal, provision of technological solutions, choice of standards, semantic interoperability of information etc.
- ✓ Fundraising, new project implementation, overcoming existing budget scarcity, clarifying implementation costs
- ✓ Ensuring regular participation in the INSPIRE MIG-P and MIG-T groups, starting to cooperate with other successful countries, doing by learning and by the best practices
- ✓ Improving knowledge and competence in cooperation with universities, scientists, practitioners, implementing the appropriate curricula in the University of Latvia- a new study program in Geoinformatics Engineering
- ✓ Providing the INSPIRE data as open data

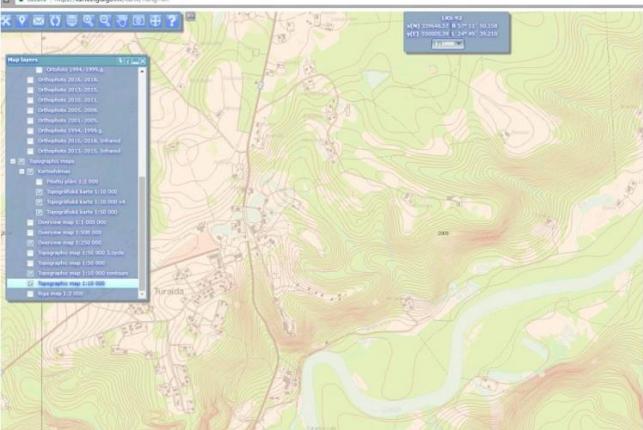
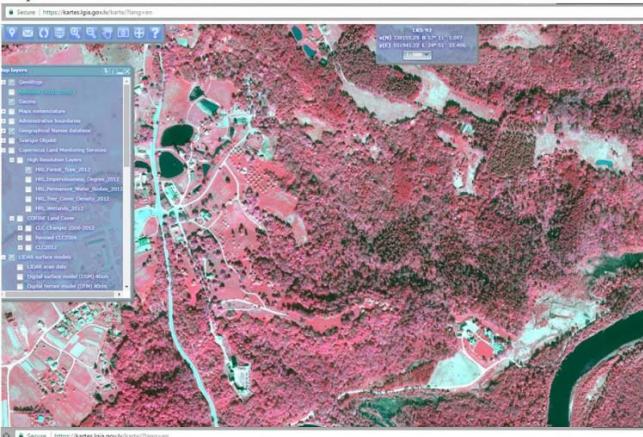


5. Open data policy in Latvia

Answers to question «What is the current data policy and what plans do you have, if any, to develop an open data policy?»



Open data policy



- ✓ OECD Open Government Partnership
- ✓ PSI directive ->Freedom of Information Law
- ✓ COM regulation: Procedures by which institutions publish information on the internet
- ✓ Data Driven Nation initiative
- ✓ Geospatial data sets
- ✓ Open data strategy 2019-2022



Latvian Open Data Strategy I

Launched in 20th of August 2019

Directions of action:

- ✓ Increase of open data availability
- ✓ Increase use of high-value data sets
- ✓ High-value and priority open data, e.g. hydrographic, meteorological data, chargeable data
- ✓ Coordination of open data





Latvian Open Data Strategy II

- ✓ Develop guidelines introducing the “open by default” principle
- ✓ Instructions for identifying priority datasets
- ✓ Data auditing + develop a timetable for publication of open data
- ✓ Commercialization of data and data technology-based innovations
- ✓ Implement public administration and private sector capacity building and awareness-raising measures



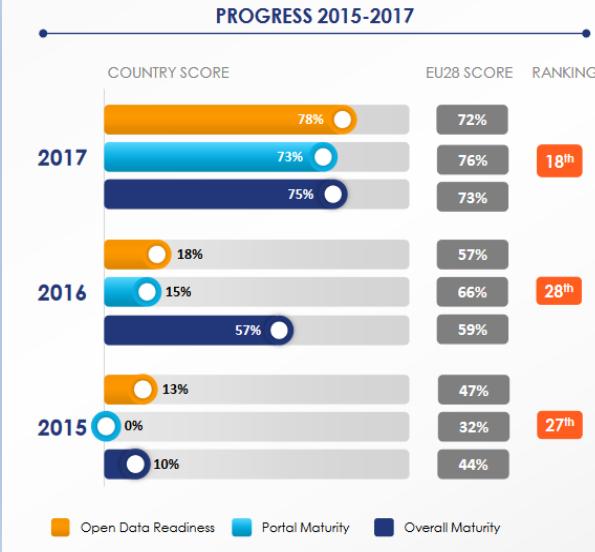
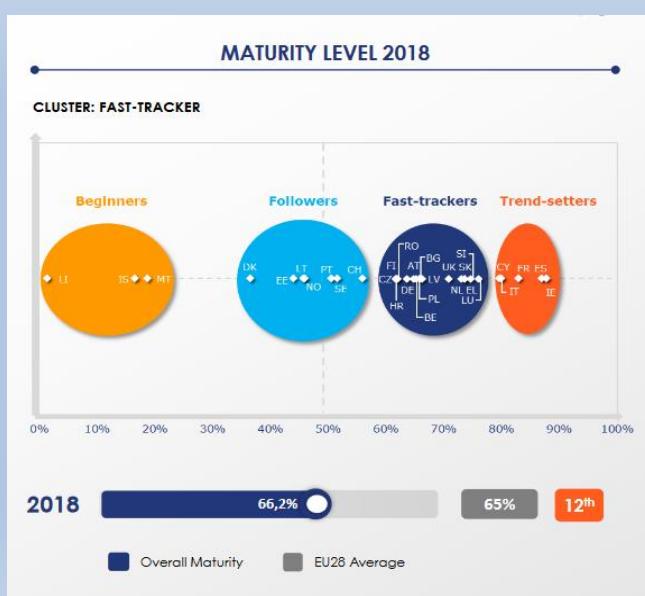


Open data assessment



LATVIA

State-of-Play on Open Data - 2018



Latvia ranked at the high **12th** place in the European data portal's data re-use index, compared to the 18th place in 2017!



ievadiet terminus, kurus meklēt.



Meklēt

Aktualitātes

Par portālu

Laipni lūdzam Latvijas Atvērto datu portālā!

Aicinām iepazīties ar portāla saturu un iespējām! Portāla datu publicētāji ir valsts iestādes vai organizācijas, kas pilda valsts funkcijas. Saskaņā ar normatīvajiem aktiem, atvērtos datus iestādes publicē pēc savas iniciatīvas.

288

DATU KOPAS

66

PUBLICĒTĀJI

 Iepazīties ar datiem >

DATU KATALOGA KATEGORIJAS

Ārlietas

Izglītība un sports

Transports

Zemkopība, pārtīka un
mežsaimniecība

Ekonomika un
uzņēmējdarbība

Kultūra

Valsts pārvalde

Zinātne un tehnoloģijas

Enerģija

Reģioni un pašvaldības

Veselība

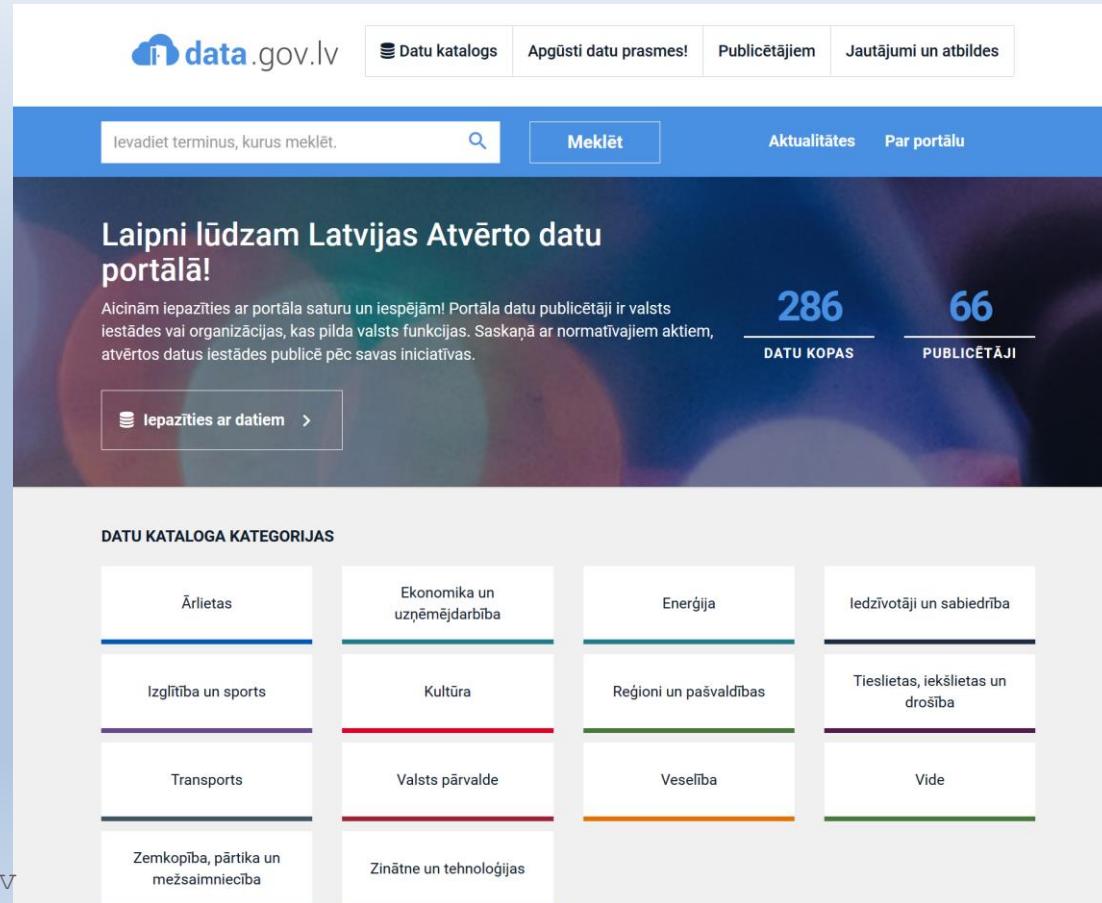
Iedzīvotāji un sabiedrība

Tieslietas, iekšlietas un
drošība

Vide

Latvia's Open Data Portal

<https://data.gov.lv/lv>



The screenshot shows the homepage of Latvia's Open Data Portal. At the top, there is a navigation bar with a logo for 'data.gov.lv' and links for 'Datu katalogs', 'Apgūsti datu prasmes!', 'Publicētājiem', and 'Jautājumi un atbildes'. Below the navigation bar is a search bar with the placeholder 'ievadiet terminus, kurus meklēt.' and a search button. To the right of the search bar are links for 'Meklēt', 'Aktualitātes', and 'Par portālu'. The main headline on the page is 'Laipni lūdzam Latvijas Atvērto datu portālā!' (Welcome to the Latvian Open Data portal!). Below the headline, there is a brief description: 'Aicinām iepazīties ar portāla saturu un iespējām! Portāla datu publicētāji ir valsts iestādes vai organizācijas, kas pilda valsts funkcijas. Saskaņā ar normatīvajiem aktiem, atvērtos datus iestādes publicē pēc savas iniciatīvas.' To the right of this text are two large numbers: '286' under 'DATU KOPAS' and '66' under 'PUBLICĒTĀJI'. Below the headline, there is a button labeled 'Iepazīties ar datiem >'. The main content area is titled 'DATU KATALOGA KATEGORIJAS' and contains a grid of eight categories: 'Ārlietas' (Izglītība un sports, Transports, Zemkopība, pārtīka un mežsaimniecība), 'Ekonomika un uzņēmējdarbība' (Kultūra, Valsts pārvalde), 'Enerģija' (Reģioni un pašvaldības, Veselība), and 'Iedzīvotāji un sabiedrība' (Tiesītas, iekšlietas un drošība, Vide).

The portal was launched in June 12th, 2017

The main task of the portal is to ensure the re-use of data held by the state administration.



@datagovlv



License



CC0 1.0 Universal (CC0 1.0) Public Domain Dedication

This is a human-readable summary of the [Legal Code](#) (read the full text). [Disclaimer](#)

No Copyright



The person who associated a work with this deed has **dedicated** the work to the public domain by waiving all of his or her rights to the work worldwide under copyright law, including all related and neighboring rights, to the extent allowed by law.



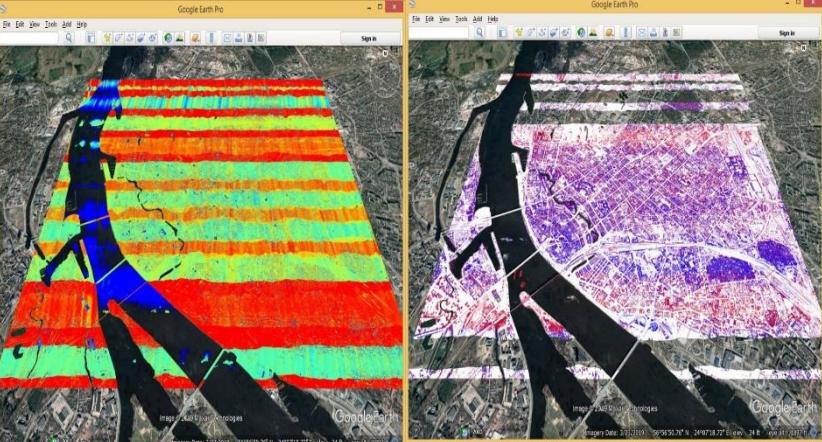
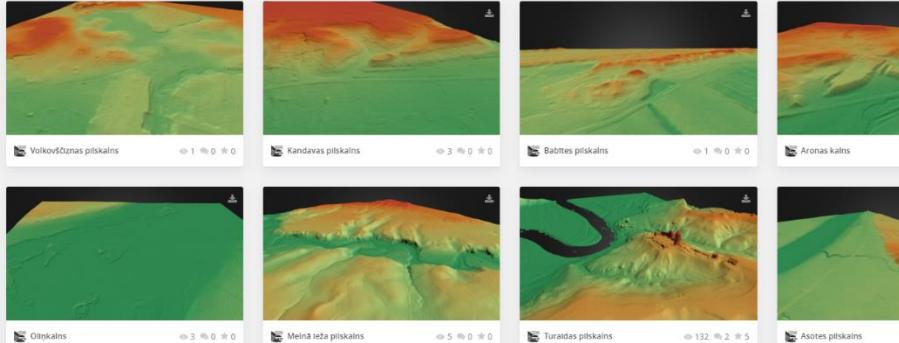


Old Latvian hillforts

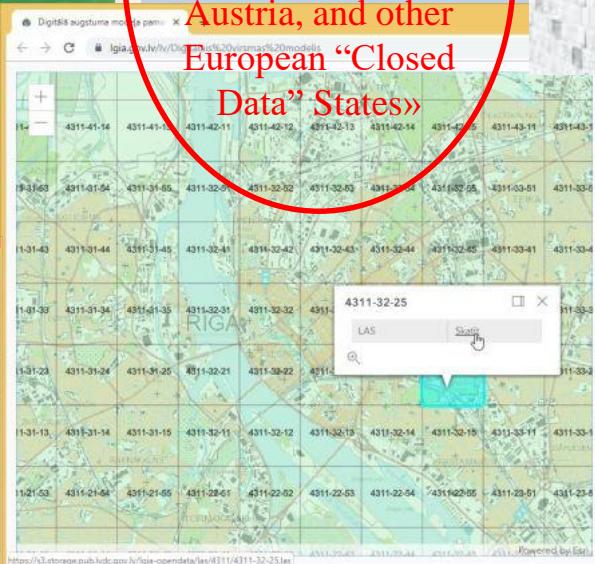
<https://sketchfab.com/gatons/models>

Latvijas pilskalni / Latvian hillforts

0 subscribers



Publication National Open LiDAR Strategy of Latvia humiliates Germany, Austria, and other European “Closed Data” States»



<https://rapidlasso.com/2019/09/03/national-open-lidar-strategy-of-latvia-humiliates-germany-austria-and-other-european-closed-data-states/>





Thank you!



Uģis Bisenieks

Acting Deputy State Secretary
Director of Electronic Government Department
Ministry of Environmental Protection and Regional
Development Department of Environmental Protection
Peldu Str.25 Riga, LV-1494, Latvia
e-mail: ugis.bisenieks@varam.gov.lv
Phone: +371 67026933

Anta Jantone

Head of Information Analysis Department
Latvian Environment, Geology and Meteorology Centre
Maskavas Str. 165, Riga, LV-1019, Latvia
e-mail: anta.jantone@lgmc.lv
Phone: +371 67770058

Arvīds Ozols

Senior Expert
Latvian Geospatial Information Agency
Ojara Vaciesa Str. 43, Riga, LV-1004, Latvia
Phone: +371 29233519
E-mail: arvids.ozols@lgia.gov.lv



Ieva Brunenieiece

Senior Expert
Ministry of Environmental Protection and Regional
Development Department of Environmental Protection
Peldu Str. 25 Riga, LV-1494, Latvia
e-mail: ieva.brunenieiece@varam.gov.lv
Phone: +371 67026564

