

Cadastral Parcels implementation experience in Slovakian NMCA

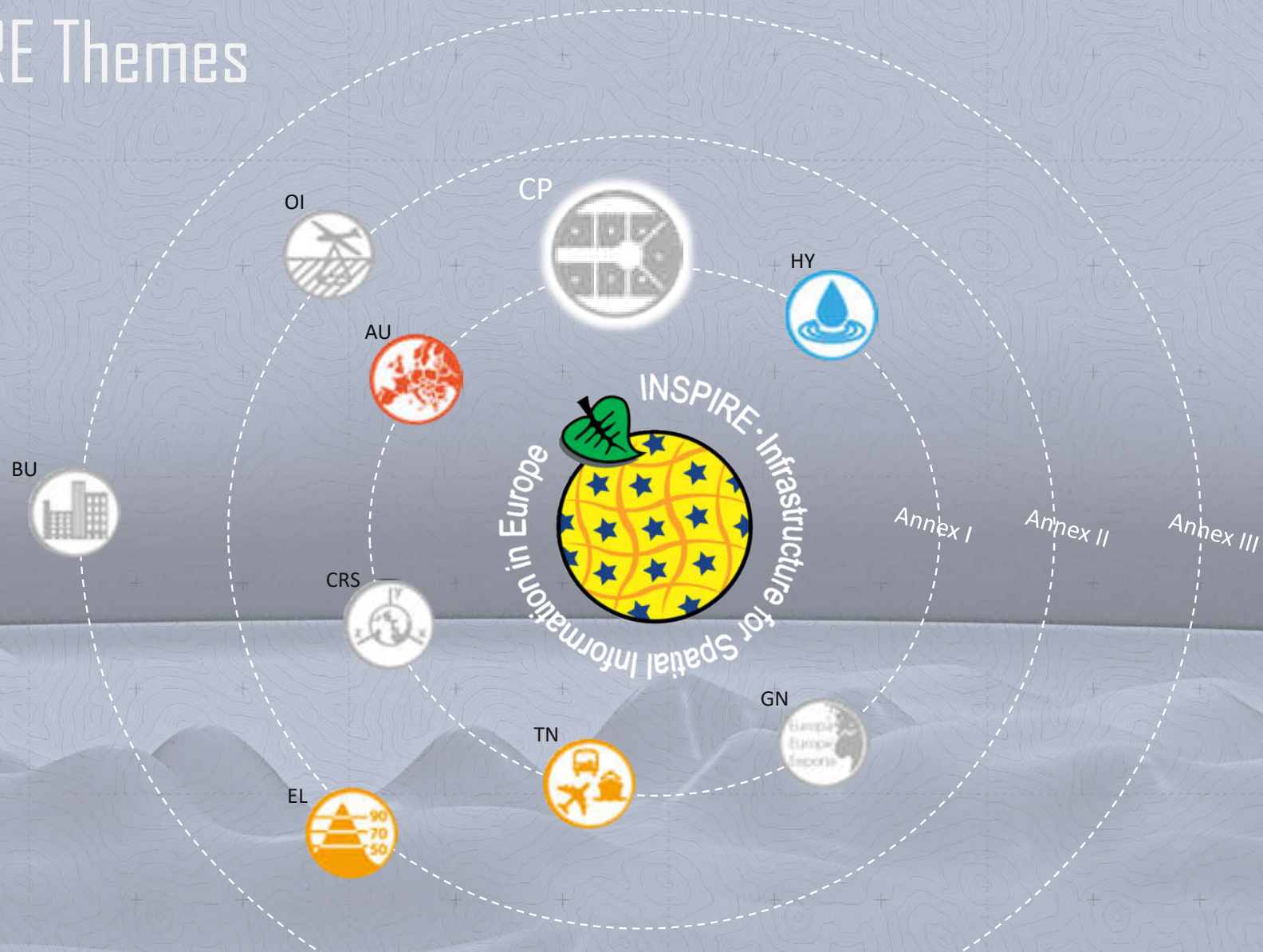


INSPIRE KEN Webinar on the INSPIRE themes implementation in NMCAs: Cadastral Parcels



Kinga Dombiová

INSPIRE Themes



INSPIRE Theme Cadastral Parcels



E – register parcels

- lots, which are not distinct in the terrain

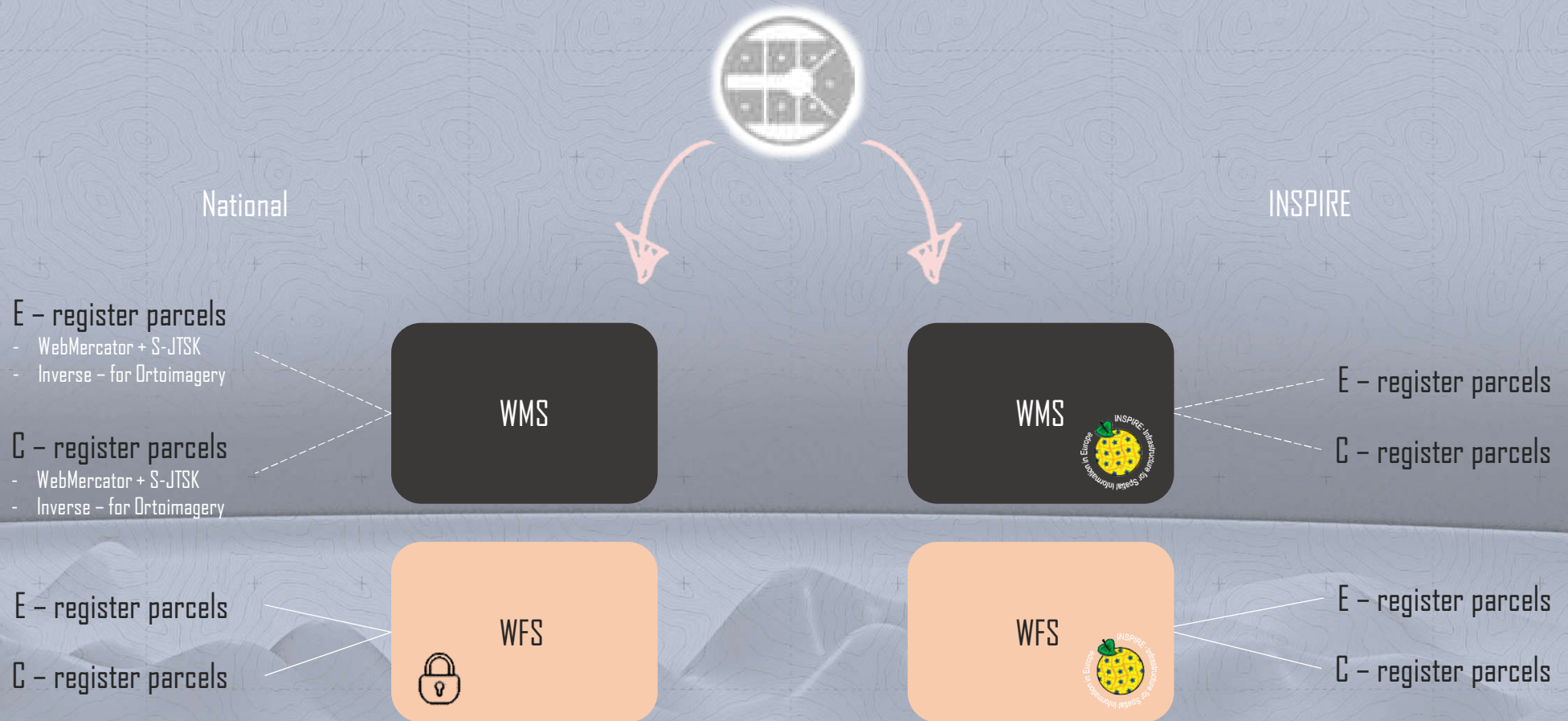


C – register parcels

- all real properties and cadastral districts
registered in the cadastre



Cadastral Parcels - Services



Geoportal

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GEODETIC CONTROL CADASTRE ZBGIS ARCHIVE APPLICATIONS **SERVICES** INSPIRE FAQ

LINKS

- © GKÚ
- Products and services (Slovak only)
- © SKPOS®
- Cadastral portal
- ÚGKK SR
- Geoportal purpose

CONTACT DETAILS

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827 45 Bratislava
Tel: +421 2 2081 6220

All contacts

ZBGIS Map Client
Map client of ZBGIS is a web application, which serves for work with ZBGIS data.

Transformation service
Transformation service performs the authorized transformation of point coordinates between geodetic reference systems.

Conversion service
Conversion service is a web application which serves for the format conversion. It is a complex tool for the conversion of the data of different formats.

ZBGIS Metainformation system
Application is used to search for the metadata published by attached catalog server.

Metadata editor
Metadata editor is a web application that is used for creating new or editing existing metadata records.

INSPIRE
ÚGKK SR ensures availability of baseline data and information of the resort and use of electronic services, which meet the requirements of the directive INSPIRE.

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National & INSPIRE services

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GEODETIC CONTROL CADASTRE ZBGIS ARCHIVE APPLICATIONS **SERVICES** INSPIRE FAQ

Home > Services > Map Services > WMS > WMS ESKN

SERVICES

- Map Services
 - WMS
 - WMS ZBGIS
 - Other WMS
 - WMS ESKN
 - WMS Register of Buildings
 - WMTS
 - WFS
 - WCS
 - Map Services connection

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License conditions

Author: ÚGKK SR

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WMS ESKN (Electronic services of the real estate)

Cadastral map WMS (WebMercator + S-JTSK)

https://kataster.skgeodesy.sk/eskn/services/NR/ko_wms_n

Cadastral map WMS - Inverse (WebMercator)

https://kataster.skgeodesy.sk/eskn/services/NR/ko_wms_o

Map of determined documentation WMS (WebMercator + S-JTSK)

https://kataster.skgeodesy.sk/eskn/services/NR/uo_wms_n

Map of determined documentation WMS - Inverse (WebMercator + S-JTSK)

https://kataster.skgeodesy.sk/eskn/services/NR/uo_wms_o

INSPIRE

View services

- View services
- Download services
- Discovery service

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INSPIRE View Services freely available:

XML file to connect INSPIRE WMS service provided by the ÚGKK SR to the QGIS can find [here](#).

Name and URL address	GetCapabilities
Administrative units	
https://zbgiswv.skgeodesy.sk/inspire_administrative_units_wms/service.svc/get	GetCapabilities
Geographical names	
https://zbgiswv.skgeodesy.sk/inspire_geographical_names_wms/service.svc/get	GetCapabilities
Hydrography	
https://zbgiswv.skgeodesy.sk/inspire_hydrography_wms/service.svc/get	GetCapabilities

Geoportal

<https://www.geoportal.sk/en/>

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Adapt — remix, transform, and build upon the material for any purpose, even commercially.



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INSPIRE Geoportal

INSPIRE Data Sets - EU & EFTA Country overview



INSPIRE Geoportal Data Set Statistics

91433

Metadata records

44828

Downloadable Data Sets

46442

Viewable Data Sets

Spatial scope coverage: ☐ National ☒ Regional

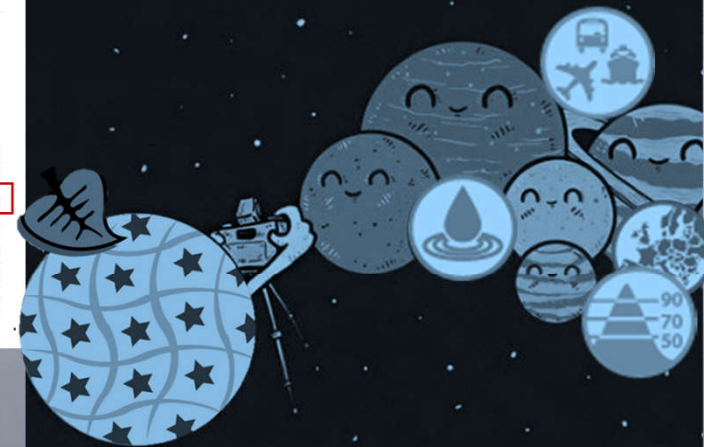
Data sets by

Country: Slovakia

345 | 83 | 96

Title	Properties
INSPIRE	
INSPIRE - Útvary podzemnej vody v kvartérnych sedimentoch	
INSPIRE - Katastrálna parcela_KN	
INSPIRE - Katastrálna parcela_UO	
INSPIRE Správne územia povodia	
INSPIRE PD 46,01 Biogeografické regióny (národný dataset)	
INSPIRE - Chránené územia - Kultúrne - Pamiatkové rezervácie a zóny	
INSPIRE - Habitaty a biotopy	
INSPIRE - Cestná dopravná sieť SR	
INSPIRE - Chránené územia	
INSPIRE - Distribúcia druhov	
Title	Properties

166 100 99	622 350 496
69 10 12	103 35 38
132 126 59	345 83 96
304 283 243	91 12 32
150 149 130	246 75 164
220 126 146	242 109 217
161 71 28	218 2 4
163 109 97	



INSPIRE Reference Validator

INSPIRE Validator - Test reports

[Home](#) [Test selection](#) [Test reports](#) [Get support](#) [More on the INSPIRE Reference Validator](#)

Test run on 10:29 - 30.09.2021 with test suite Conformance Class Direct WFS

Status Failed

Started 30/09/2021 08:44:53 GMT

Duration 13 s

	Total	Count	Skipped	Failed	Warnings	Manual
Test suites	3	0	2	0	0	
Test modules	5	3	2	0	0	
Test cases	19	8	5	0	0	
Test steps	69	14	13	0	0	
Assertions	117	0	6	0	0	

+ WFS 2.0 (OGC 09-025r2/ISO 19142) Conformance Test Suite

+ Conformance Class: Download Service - Direct WFS

+ Conformance Class: Download Service - Pre-defined WFS

Report generated by ETF



Implementing by ArcGIS for INSPIRE

- version 10.8.1

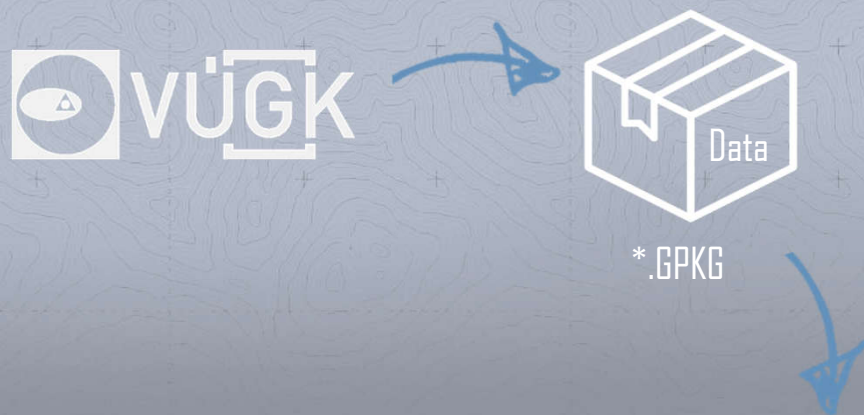


EPSG : 5514 ??
EPSG : 8353 ??

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Cooperation among institutes



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OF ENVIRONMENT
OF THE SLOVAK REPUBLIC



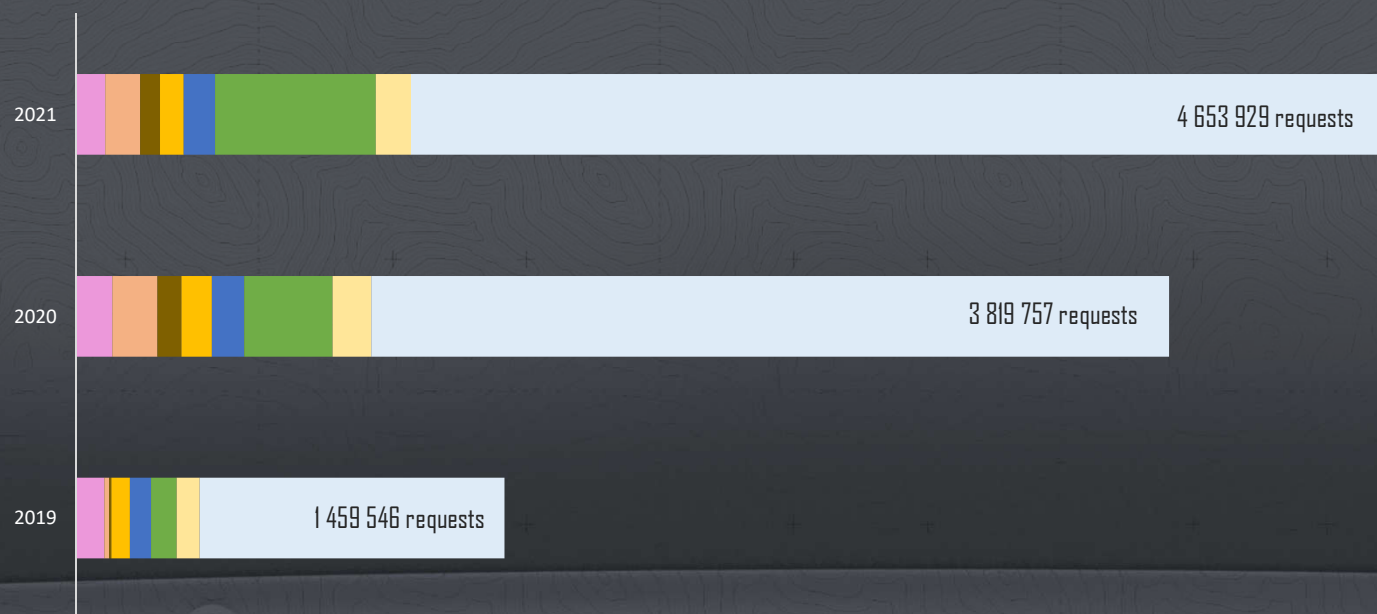
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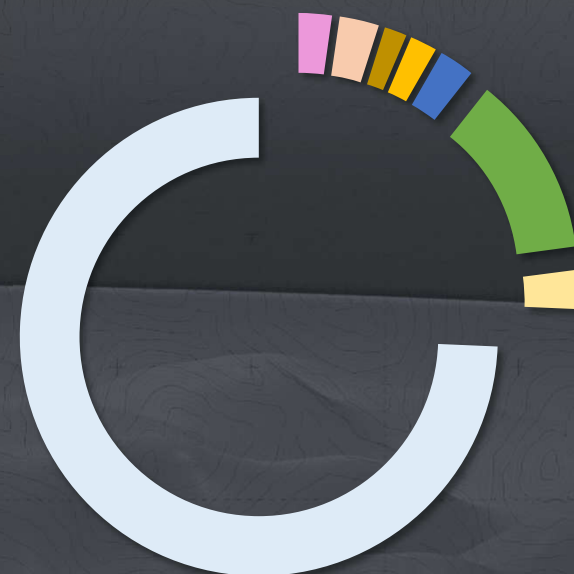
GeoServer

Cadastral Parcels – users interest

INSPIRE Services (WMS + WFS)



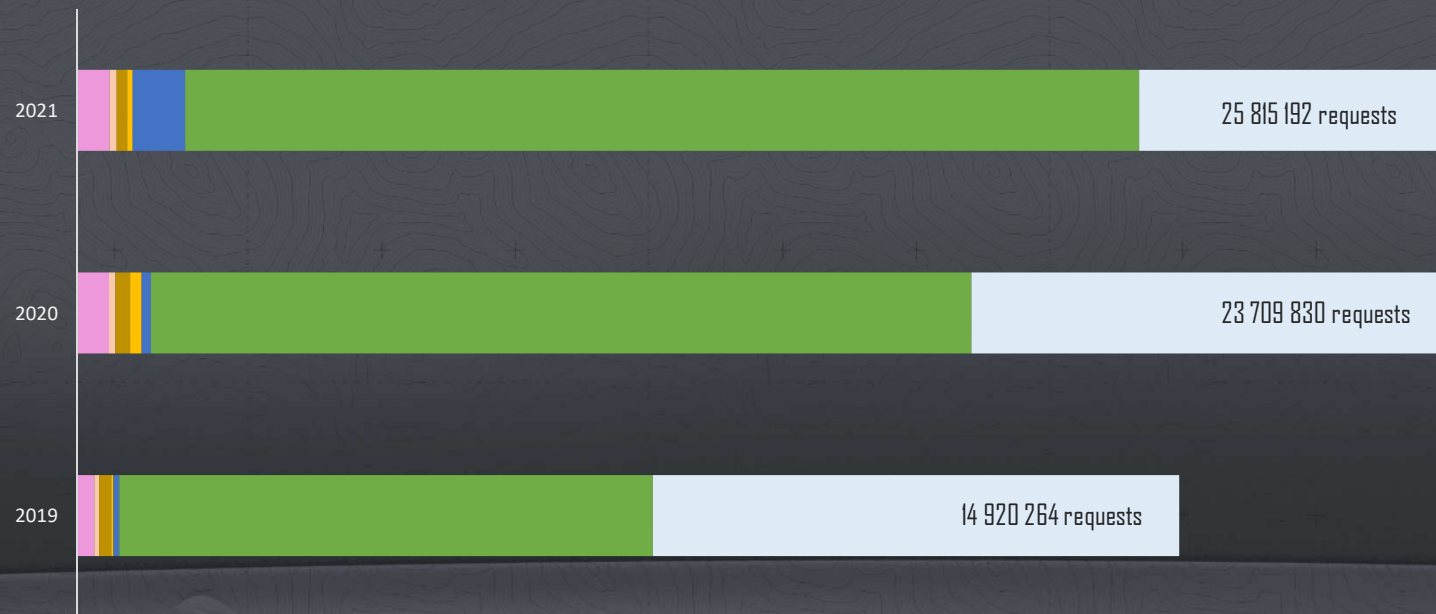
2021 (WMS + WFS)



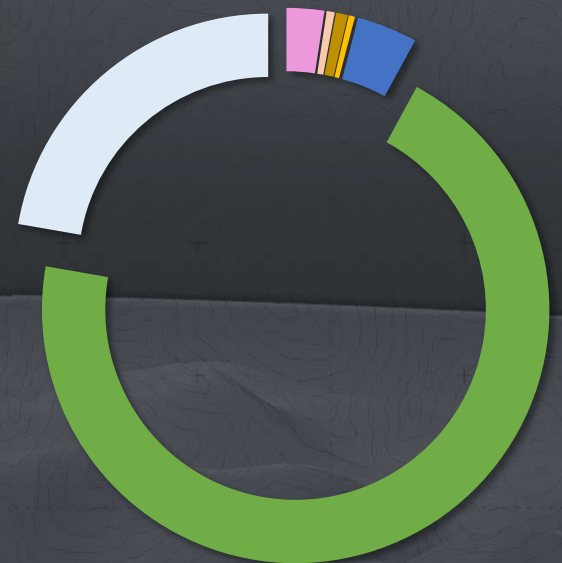
Administrative Units Buildings Elevation Geographical Names Hydrography Orthoimagery Transport Networks Cadastral Parcels

Cadastral Parcels – users interest

National Services (WMS + WFS)



2021 (WMS + WFS)



Administrative Units Buildings + Transport Networks Elevation Geographical Names Hydrography Orthoimagery Cadastral Parcels



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