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INNOVATIVE SOLUTIONS
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geocat.ch

GeoNetwork Open Source

Perspectives

Agenda

- Geonetwork perspectives
 - GeoNetwork Microservices
 - GeoNetwork UI
- Applications examples
 - Datafeeder application
 - Datahub application

GeoNetwork Roadmap

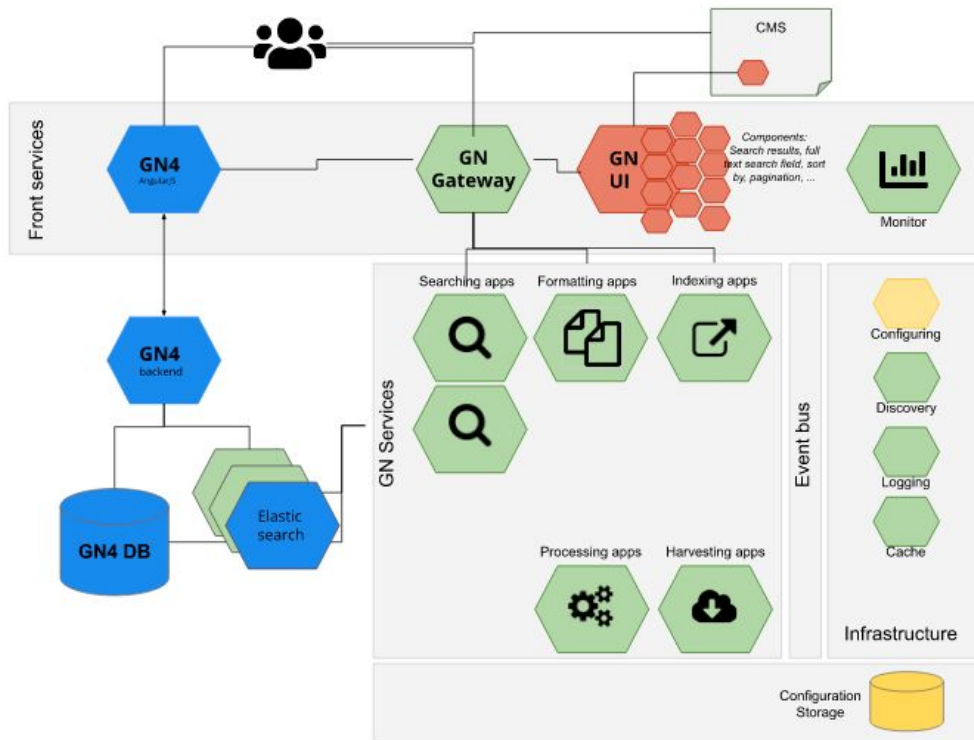
→ GeoNetwork cloud native deployment

- PostgreSQL AWS RDS
- Elasticsearch
- Object storage S3

→ Scalability

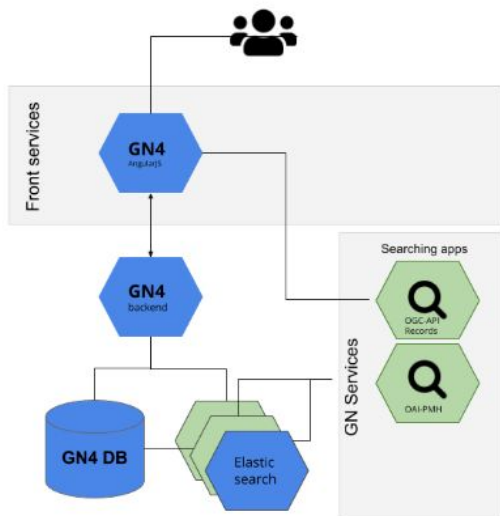
- Dockerized **Microservices**
- <https://github.com/geonetwork/geonetwork-microservices>

GeoNetwork microservices



OGC API Records Microservice Module

OGC API - Records updates OGC's Catalog Services for the Web by building on the simple access to content in OGC API - Features.



The screenshot shows the OGC API website with the 'APIS' section. The website has a dark header with the OGC logo and navigation links: CONTEXT, APIS, SPRINTS, BLOGS, DOCUMENTS, and GET IN TOUCH. The 'APIS' section is divided into six cards, each with a title, a description, and buttons for 'More Info' and 'GitHub repo'.

Features	Common	Maps
Features Approved Standard OGC API - Features - Part 1: Core and Part 2: Coordinate Reference Systems by Reference are both publicly available. More Info GitHub repo	Common OGC API - Common provides those elements shared by most or all of the OGC API standards to ensure consistency across the family. The candidate standard will soon be released for public review. More Info GitHub repo	Maps OGC API - Maps offers a modern approach to the OGC Web Map Service (WMS) standard for provision map and raster content. More Info GitHub repo
Records OGC API - Records updates OGC's Catalog Services for the Web by building on the simple access to content in OGC API - Features. More Info GitHub repo	Processes OGC API - Processes allows for processing tools to be called and combined from many sources and can be used to create OGC API - Records. More Info GitHub repo	Coverages OGC API - Coverages allows for discovery, visualization and query of complex raster stacks and data. More Info GitHub repo

- Modern user interface **components** for the GeoNetwork ecosystem, providing:
 - Ready to use components for third party applications
 - Dedicated vertical applications
- Leverages webcomponents and new technologies , such as:
 - Angular (Nx)
 - Tailwindcss
 - OpenLayers
 - Storybook
- Eventually allows to build the future GeoNetwork standard application user interface.
- <https://github.com/geonetwork/geonetwork-ui>

Mini-Apps (Web components)

- For a dedicated use case
- You can pick and choose a specific component
- Easy to integrate (HTML Element + script style)

```
<gn-aggregated-records  
  api-url="https://apps.titellus.net/geonetwork/srv/api"  
  primary-color="#e73f51"  
  secondary-color="#c2e9dc"  
  main-color="#212029"  
  background-color="#fdfbff"  
  aggregation-field="tag.default"  
  aggregation-max-count="20"  
  aggregation-query-string="+isTemplate:n"  
></gn-aggregated-records>
```



	land use	452 records.
	WalOnMap	357 records.
	Sustainability transitions	310 records.
	Land cover	283 records.
	Policy instruments	261 records.

Embedded web component



Search website

[Topics](#) [Policy](#) [Countries](#) [Data catalogue](#) [Knowledge](#) [About us](#)

Forest Information System for Europe

FISE is an entry point for sharing information with the forest community on Europe's forest environment, its state and development. FISE brings together data, information and knowledge gathered or derived through key forest-related policy drivers.

FISE joins the landscape of European Data Infrastructures and other global and European forest portals supporting forest-related policy reporting: FAO-FRA (Food and Agriculture Organisation of the United Nations- Global Forest Resources Assessments), UNECE (United Nations Economic Commission for Europe), Forest Europe, EUFORGEN (European Forest Genetic Resources Programme), ICP-Forests (International Co-operative Programme on Assessment and Monitoring of Air Pollution Effects on Forests), Global Forest Watch, and the EFI (European Forest Institute). FISE is heavily dependent on data and information coming from the EU and EEA member states.

Key partners

Developed in a partnership among the services of the European Commission and the European Environment Agency (EEA). This is mainly DG-ENV, DG-JRC, Eurostat, and other Directorates General of the European Commission.

Main important European contributors are the Member States of the European Union: Austria, Belgium, Bulgaria, Croatia, Republic of Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hungary, Ireland, Italy, Latvia, Lithuania, Luxembourg, Malta, Netherlands, Poland, Portugal, Romania, Slovakia, Slovenia, Spain, Sweden; as well as the other EEA Member countries (Iceland, Liechtenstein, Norway, Switzerland, Turkey) and cooperating countries of the EEA (Albania, Bosnia and Herzegovina, North Macedonia, Montenegro, Serbia and Kosovo*).

*This designation is without prejudice to positions on status, and is in line with UNSCR 1244(1999) and the ICJ Opinion on the Kosovo Declaration of Independence

Recent datasets



Forest Area 2015 based on Copernicus HRL Forest products - version 1, Oct. 2018



Forest Area 2012 based on Copernicus HRL Forest products - version 1, Oct. 2018



Management related pressures on forest ecosystems, Dec. 2017

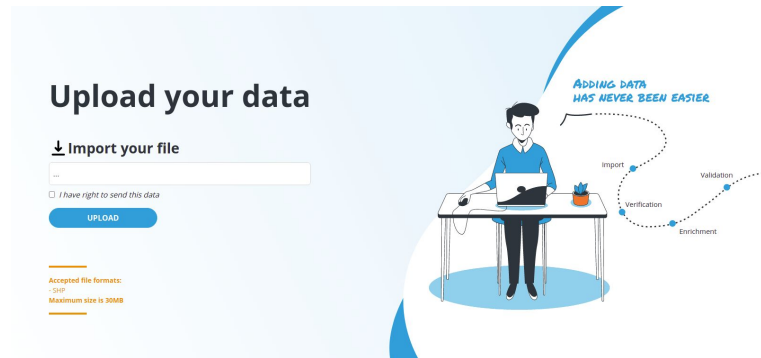


Richness of forest-related species and habitats indicator 2012 dataset, Nov. 2018

GeoNetwork UI applications

Datafeeder

- Data upload wizard
- Straightforward data publication and documentation
 - OGC-services in GeoServer configuration
 - Metadata publication in GeoNetwork



Upload your dataset

↓ Import your file

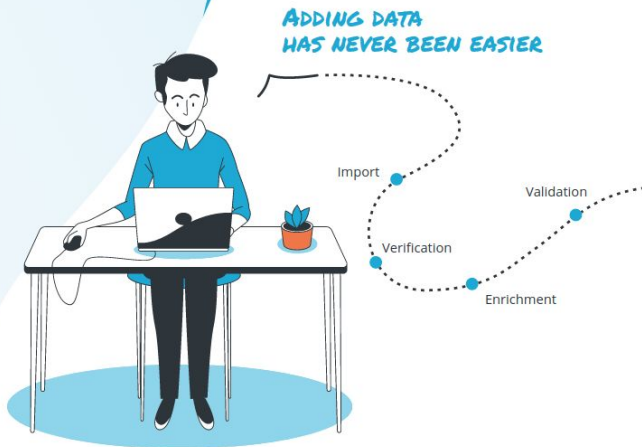
☐ I hold the rights to publish this dataset

UPLOAD

Accepted file formats:

- SHP

Maximum file size is 30 MB





Q Back to search

Edit

Delete

Manage record ▾

Download ▾

Display mode ▾

Ports of France

Locations of french ports

Download and links



WMS

dossiers_export_cercles_2

Ports of France - WMS

This dataset is published in the view service (WMS) available at <https://georchestra-127-0-1-1.traefik.me/geoserver/psc/ows?SERVICE=WMS&REQUEST=GetCapabilities> with layer name `dossiers_export_cercles_2`.



WFS

dossiers_export_cercles_2

Ports of France - WFS

This dataset is published in the download service (WFS) available at <https://georchestra-127-0-1-1.traefik.me/geoserver/psc/ows?SERVICE=WFS&REQUEST=GetCapabilities> with layer name `dossiers_export_cercles_2`.

Download ▾



dossiers_export_cercles_2

Ports of France - WWW

Ports of France - WWW https://georchestra-127-0-1-1.traefik.me/geoserver/psc/ows?SERVICE=WFS&REQUEST=GetFeature&typename=dossiers_export_cercles_2&outputformat=shape-zip

Add to map

Download

Spatial extent



Resource events



Creation

31-12-2021 01:00



Publication

09-02-2022 01:00

Provided by

Updated:

a minute ago

No ratings ★

Share on social sites

GeoNetwork datahub

Simple and ready to use open data portal

- GeoNetwork elasticsearch indexes:
 - GeoNetwork open data sets
 - JSON Harvester for CKAN/OpenDataSoft/ESRI catalogues
- Datahub application
 - Straightforward access to the data
 - Clear visualization
 - for both geospatial and non-geospatial data
 - map and table view

The screenshot displays the GeoNetwork datahub interface. At the top, a green header contains the text "Toutes les données publiques des Hauts de France". Below this is a search bar with the text "scot" and a close button. Under the search bar, it says "JEUX DE DONNÉES". Below that, it indicates "624 enregistrements trouvés." (624 records found). There are two search results listed, both titled "Occupation du sol en deux dimensions (OCS2D) Nord - Pas de Calais 2005" and "Occupation du sol en deux dimensions (OCS2D) Nord - Pas de Calais 2015". Each result includes a thumbnail image of a map and a brief description: "L'OCS2D est le référentiel cartographique d'occupation du sol des territoires du Nord et du Pas de Calais pour les années 2005 et 2015. Elle qualifie les différents types d'espaces (urbain, agricole et naturel) selon deux dimensions (le couvert du sol et...)".

→ Search

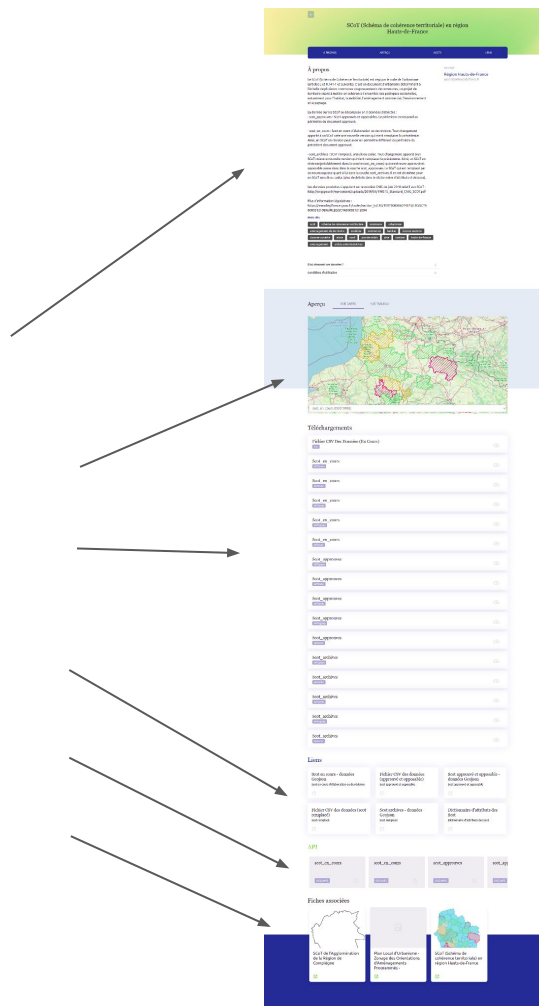
- One search field with suggestions
- Results list with “infinite scroll”



Datahub

→ View & download

- About
- Map / table Preview
- Downloads
- Links
- APIs
- Similar records



About

Ce jeu n'est plus maintenu, utilisez les jeux avec une recherche 'buildingref[tiret]france' en remplaçant [tiret] par -.

Ce jeu de données détaille l'avancée du déploiement du haut et très haut débit, en France, par immeuble.

Les données publiées correspondent à l'état d'avancement du déploiement pour le deuxième trimestre 2020.

En raison de la taille du jeu de données, uniquement les données les plus à jour sont disponibles.

Enrichissements :

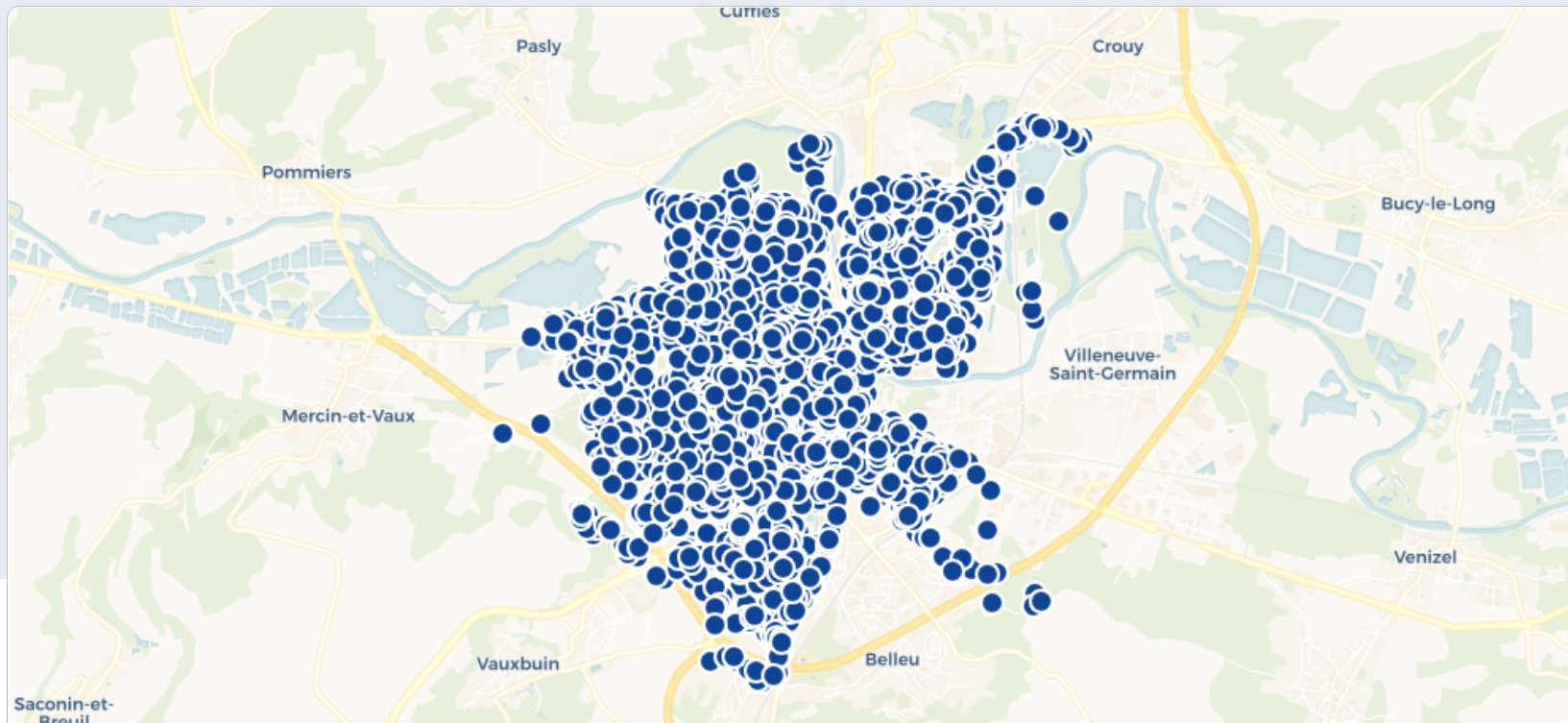
Ajout des EPCI, départements et régions.

Keywords

[fibre optique](#)[déploiement](#)[immeuble](#)[internet](#)[haut débit](#)[spatial planning, town planning, buildings, equipment, housing](#)[CONTACT](#)[ARCEP](#)[CATALOG](#)[Grand Soissons Agglomération](#)[Details](#)

[ABOUT](#)[PREVIEW](#)[DOWNLOADS](#)[LINKS](#)

Preview

[MAP VIEW](#)[TABLE VIEW](#)

geojson (geojson)



Preview

MAP VIEW

TABLE VIEW

csv (csv)



id	code_poste	nom_com	catg_loc_imb	imb_etat	pm_ref	pm
BAT02-52EDDA6F31D84B1B81846DEA	02200	Billy-sur-Aisne		Deploye	ADR_02131_EXU1	De
IMB/02722/X/00UV	02200	Soissons		Deploye	FI-02722-000K	De
IMB/02722/X/03H4	02200	Soissons		En cours de deploiement	FI-02722-001C	De
IMB/02722/X/03DG	02200	Soissons		Signe	FI-02722-001C	De
IMB/02722/X/01IX	02200	Soissons		Deploye	FI-02722-000K	De
IMB/02722/X/00CK	02200	Soissons		Deploye	FI-02722-0006	De
IMB/02722/X/052P	02200	Soissons		Deploye	FI-02722-000K	De
IMB/02722/X/01Q9	02200	Soissons		En cours de deploiement	FI-02722-000D	De
IMB/02722/X/01B1	02200	Soissons		En cours de deploiement	FI-02722-000D	De

7214 objects in this dataset.

Downloads

Csv

Csv



Json

Json



Geojson

Geojson



Related records



Related records



Déploiement du haut et très haut débit par immeuble



Entités chargées du déploiement du Plan France Très Haut Débit sur le périmètre de la



Réseaux en fibre optique jusqu'à l'abonné (FttH) - T3 2017



 geonetwork

Search

We found 19 entries for "geonetwork".

Geonetwork-ui | Camptocamp

driven design, Web Component, Storybook, SEO, accessibility: embrace geonetwork-ui philosophy to improve your user experience around metadata and SDI

[Read more](#)

Geonetwork Bolsena 2020 | Camptocamp

the 29th of June to the 3rd of July, the Bolsena yearly Geonetwork code sprint took place remotely! The team was spread into groups from France, Netherlands and

[Read more](#)

GeoNetwork Meeting 2020 | Camptocamp

and titellus are organising the 2020 Online GeoNetwork Meeting on Tuesday, the 23rd of June,

[Read more](#)

GeoNetwork Community News - Summer 21 | Camptocamp

hub, Opendata, Dataviz: bunch of new ideas discussed at GeoNetwork code sprint, 14-18 of June 2021 at the Lil

[Read more](#)

GeoNetwork 4.0 – alpha | Camptocamp

is happy to announce that the Geonetwork community has released the first version of Geonetwork 4.0: an alpha test

[Read more](#)

Geonetwork Code Sprint: Openlayers and Elasticsearch migration | Camptocamp

last Geonetwork code sprint took place on the premises of Camptocamp in France at Le Bourget du Lac from December 2 to 6, 2019. It had the dual objective of migrating the OpenLayers and Elasticsearch

[Read more](#)

Thank you for your attention!

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