

INSPIRE Registry

Introduction to ShowVoc

July 2026

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EU Vocabularies

- Access the INSPIRE Registry on EU Vocabularies
- <https://inspire.ec.europa.eu/registry>

INSPIRE Registry

The INSPIRE infrastructure relies on a wide range of items, such as INSPIRE themes, code lists, application schemas and discovery services, that each need a clear description and a unique, persistent identifier so they can be referenced reliably.

Registers provide the means to do this. They assign identifiers to items and record their labels, definitions and descriptions, each available in multiple languages. As such, they are a form of reference data: authoritative, managed sets of concepts with stable identifiers. The INSPIRE Registry brings these together, offering a single access point to a number of centrally managed INSPIRE registers. Their content is based on [the INSPIRE Directive](#), its [Implementing Rules](#) and the accompanying [Technical Guidelines](#).



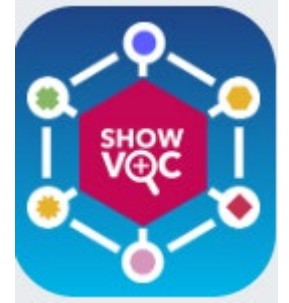
RELATED LINKS

[INSPIRE Knowledge Base](#)

[INSPIRE datasets](#)



Access the Registry on ShowVoc



- Each register is accessible on the [ShowVoc platform](#)

Registers

<i>INSPIRE Application schema register</i>	Explore in ShowVoc
<i>INSPIRE Code list register</i>	Explore in ShowVoc
<i>INSPIRE Coordinate reference system register</i>	Explore in ShowVoc
<i>INSPIRE Enumeration register</i>	Explore in ShowVoc
<i>INSPIRE Feature concept dictionary</i>	Explore in ShowVoc
<i>INSPIRE Glossary</i>	Explore in ShowVoc
<i>INSPIRE Layer register</i>	Explore in ShowVoc
<i>INSPIRE Media-types register</i>	Explore in ShowVoc
<i>INSPIRE Metadata code list register</i>	Explore in ShowVoc
<i>INSPIRE Reference document register</i>	Explore in ShowVoc
<i>INSPIRE Theme register</i>	Explore in ShowVoc



Browse ShowVoc datasets

Dataset type

- ☒ KOS
- ☒ Ontologies
- ☒ Lexicons
- ☐ Only open datasets
- ☐ Only favorites

Datasets

INSPIRE Registry

☆ [INSPIRE_applicationschema](#)
<http://inspire.ec.europa.eu/applicationschema>

Model: [SKOS](#) Lexicalization: [SKOS](#)

☆ [INSPIRE_codelist](#)
<http://inspire.ec.europa.eu/codelist>

Model: [SKOS](#) Lexicalization: [SKOS](#)

☆ [INSPIRE_crs](#)
<http://inspire.ec.europa.eu/crs>

Model: [SKOS](#) Lexicalization: [SKOS](#)

☆ [INSPIRE_document](#)
<http://inspire.ec.europa.eu/document>

Model: [SKOS](#) Lexicalization: [SKOS](#)

☆ [INSPIRE_enumeration](#)
<http://inspire.ec.europa.eu/enumeration>

Model: [SKOS](#) Lexicalization: [SKOS](#)

☆ [INSPIRE_extensibility](#)
<http://inspire.ec.europa.eu/registry/extensibility>

Model: [SKOS](#) Lexicalization: [SKOS](#)

☆ [INSPIRE_featureconcept](#)
<http://inspire.ec.europa.eu/featureconcept>

Model: [SKOS](#) Lexicalization: [SKOS](#)

☆ [INSPIRE_glossary](#)
<http://inspire.ec.europa.eu/glossary>

Model: [SKOS](#) Lexicalization: [SKOS](#)

☆ [INSPIRE_governance_level](#)
http://inspire.ec.europa.eu/governance_level

Model: [SKOS](#) Lexicalization: [SKOS](#)



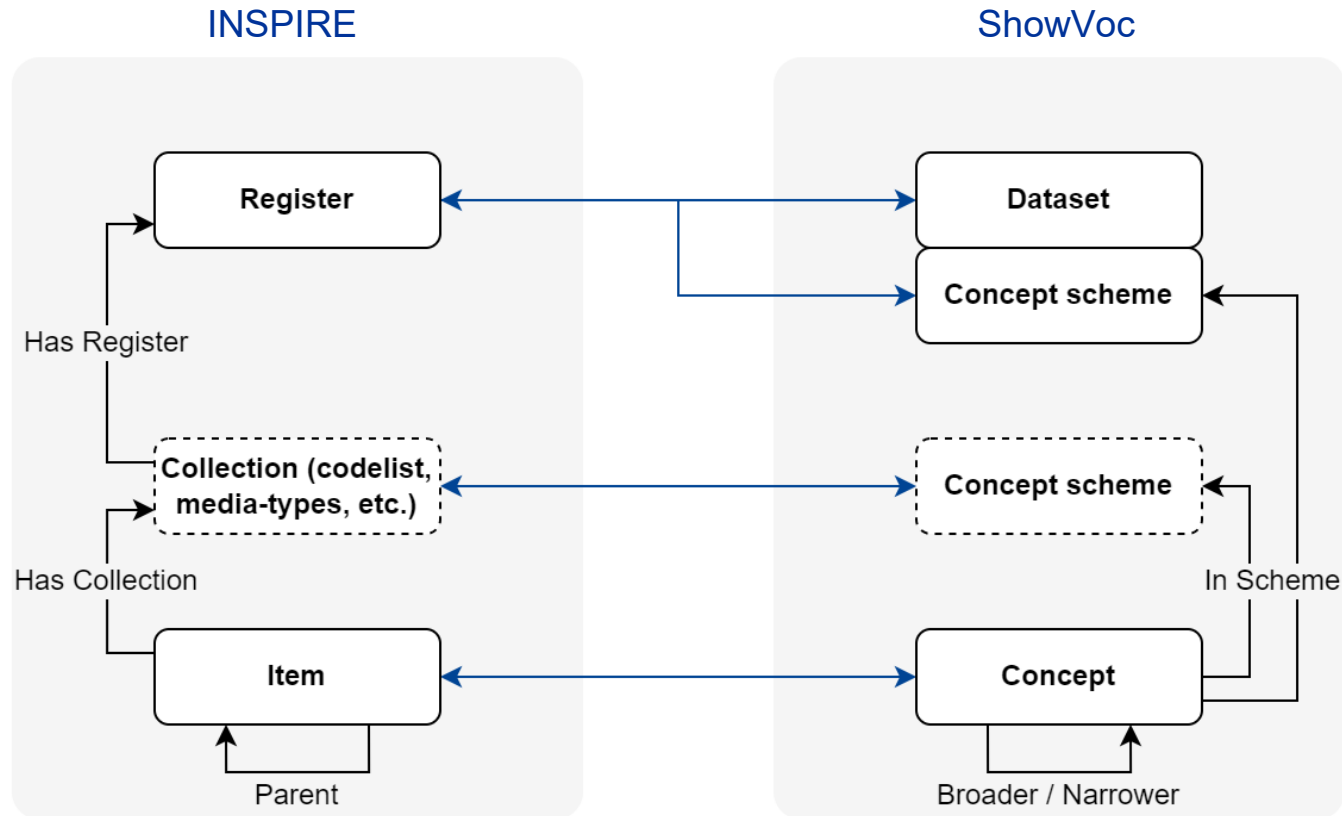
What is ShowVoc?

- Open-source & free - Anyone can use it
- Visualisation tool - For structural metadata dissemination
- Linked & Open Data - Exposes data in open formats for unrestricted use
- Human & machine-readable formats
- Multilingual support

👉 <https://showvoc.op.europa.eu>



ShowVoc terminology



<http://inspire.ec.europa.eu/codelist>

<http://inspire.ec.europa.eu/codelist/LithologyValue>

<http://inspire.ec.europa.eu/codelist/LithologyValue/granite>

Finding source URLs

The source URL
<https://inspire.ec.europa.eu/xxx> is
findable in ShowVoc

INSPIRE Registry

☆ INSPIRE_applicationschema

http://inspire.ec.europa.eu/applicationschema

Model: SKOS Lexicalization: SKOS

Addresses (en) x

Addresses (en) http://inspire.ec.europa.eu/applicationschema/ad

Preferred Label	Addresses (en)
Created	2024-01-26 ^^xsd:date
Modified	2024-01-26 ^^xsd:date
In Scheme	INSPIRE application schema register (en)
Top Concept Of	INSPIRE application schema register (en)
Type	http://inspire.ec.europa.eu/ontology#ApplicationSchema skos:Concept
Governance Level	Legal (EU) (en)
Schema UML	https://inspire-mif.github.io/uml-models/approved/html/index.htm?guid=EC6EC010-C2A4-4e09-A541-859A3DC3CB50 ^^xsd:anyURI
Schema XML	https://inspire.ec.europa.eu/schemas/ad/ ^^xsd:anyURI
Status	Valid (en)
Uml Name	Addresses ^^xsd:string
Theme	http://inspire.ec.europa.eu/theme/ad

How to browse ShowVoc?



Welcome to ShowVoc!

ShowVoc is a web-based catalogue and viewer for [OWL](#) ontologies, [SKOS](#)(/XL) thesauri, [Ontolex-lemon](#) lexicons and generic RDF datasets.

Find out more about ShowVoc on its homepage at <http://showvoc.uniroma2.it/>

User Access and Features

Access to this application and the dataset catalogue is open to everyone and does not require authentication. However, registered users can log in to take advantage of additional features, such as bookmarking favourite datasets and saving custom SPARQL queries for future use.

Disclaimer

This is a corporate instance of ShowVoc, provided by the Publications Office of the European Union to support interested teams and professionals working for the EU institutions and agencies.

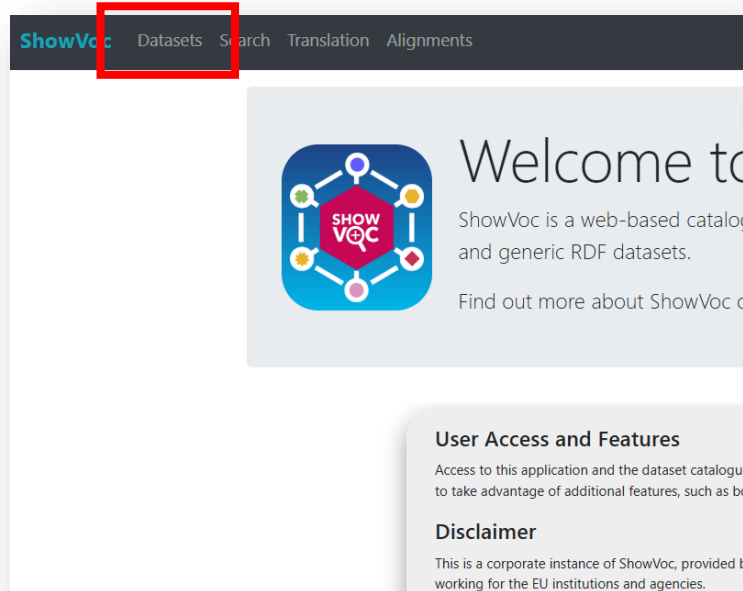
For further details on the use of this instance please contact: OP-VOCBENCH@publications.europa.eu.



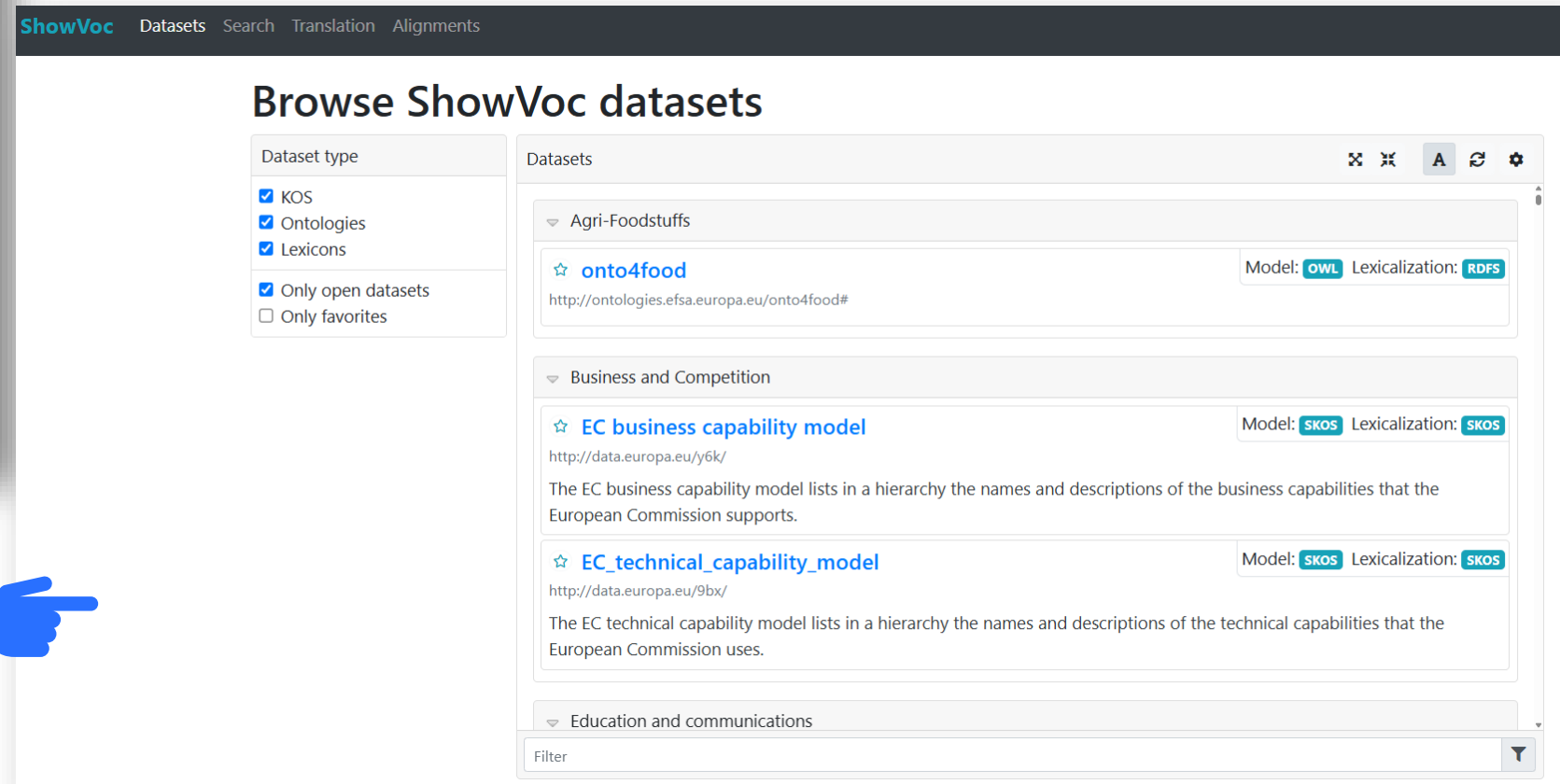
No Login needed to access the datasets



How to access the INSPIRE Registers?



You can access all datasets
(registers) available on
ShowVoc.



Filter only the INSPIRE Registers

Datasets     Open the dataset view settings.

▼ Agri-Foodstuffs

☆ [onto4food](#)

<http://ontologies.efsa.europa.eu/onto4food#>

Model: **OWL** Lexicalization: **RDFS**

▼ Business and Competition

☆ [EC business capability model](#)

<http://data.europa.eu/y6k/>

Model: **SKOS** Lexicalization: **SKOS**

The EC business capability model lists in a hierarchy the names and descriptions of the business capabilities European Commission supports.

1. Select the “facet based” visualisation mode.
2. Select the “Category” facet.

Datasets view settings 

Visualization mode

Facet based 

Facet

Category 

Ok

Close

Filter only the INSPIRE Registers

Browse ShowVoc datasets

Dataset type

☒ KOS
☒ Ontologies
☒ Lexicons

☒ Only open datasets
☐ Only favorites

Datasets

ERA SKOS Concepts Profiles

ERA SKOS Concepts Radio

ERA SKOS Concepts Vehicle

Glossary

Government and public sector

INSPIRE Registry

International trade

Metadata

Filter

The datasets are filtered by category. Expand the INSPIRE Registry category to see all datasets.



Select your favourite datasets

Browse ShowVoc datasets

Dataset type

☒ KOS
☒ Ontologies
☒ Lexicons
☐ Only open datasets
☐ Only favorites

Datasets

☆ INSPIRE_applicationschema
http://inspire.ec.europa.eu/applicationschema

★ INSPIRE_codelist
http://inspire.ec.europa.eu/codelist

★ INSPIRE_crs
http://inspire.ec.europa.eu/crs

☆ INSPIRE_document
http://inspire.ec.europa.eu/document

☆ INSPIRE_enumeration
http://inspire.ec.europa.eu/enumeration

☆ INSPIRE_extensibility
http://inspire.ec.europa.eu/registry/extensibility

☆ INSPIRE_featureconcept
http://inspire.ec.europa.eu/featureconcept

Model: SKOS Lexicalization: SKOS

Model: SKOS Lexicalization: SKOS

Model: SKOS Lexicalization: SKOS

Model: SKOS Lexicalization: SKOS

Model: SKOS Lexicalization: SKOS

Model: SKOS Lexicalization: SKOS

Model: SKOS Lexicalization: SKOS

INSPIRE

Select your favourite datasets and open only those (the settings are saved even if you are not logged in).

Or use the search bar to find a specific dataset.

The European Union flag logo, featuring a circle of twelve gold stars on a blue background, with stylized grey lines on either side.

Open a dataset to access the data

The screenshot shows the ShowVoc web application interface. At the top, there is a dark navigation bar with the 'ShowVoc' logo and links for 'Datasets', 'Search', 'Translation', and 'Alignments'. A 'Login' button is located on the right. Below this, the main header displays 'INSPIRE_featureconcept' and tabs for 'Data', 'Sparql', 'Metadata', and 'Downloads'. A secondary navigation bar contains tabs for 'Concept', 'Collection', 'Scheme', 'Property', and 'Alignments'. The 'Concept' tab is selected and highlighted with a red box. Below this tab, a list of concepts is displayed, also enclosed in a red box. The list includes: Abstract Building (en), Abstract Construction (en), Abstract Exposed Element (en), Abstract Hazard Area (en), Abstract Installation (en), Abstract Monitoring Feature (en), Abstract Monitoring Object (en), Abstract Observed Event (en), Abstract Risk Zone (en), Access Restriction (en), Active Well (en), Activity Complex (en), Address (en), and Address Area Name (en). To the right of this list, a red text annotation reads 'Browse through the list of concepts (items)'. At the bottom of the interface, there is a search bar with the placeholder text 'Search' and a search icon, along with a '.α' button and a settings gear icon.

ShowVoc Datasets Search Translation Alignments Login

INSPIRE_featureconcept Data Sparql Metadata Downloads

Concept Collection Scheme Property Alignments

- Abstract Building (en)
- Abstract Construction (en)
- Abstract Exposed Element (en)
- Abstract Hazard Area (en)
- Abstract Installation (en)
- Abstract Monitoring Feature (en)
- Abstract Monitoring Object (en)
- Abstract Observed Event (en)
- Abstract Risk Zone (en)
- Access Restriction (en)
- Active Well (en)
- Activity Complex (en)
- Address (en)
- Address Area Name (en)

Browse through the list of concepts (items).

Search .α

Use the search bar to find a specific concept (items).



View the concept (item) description

INSPIRE_featureconcept

Data Sparql Metadata Downloads

Concept Collection Scheme Property Alignments

- Coverage (Domain And Range Representation) (en)
- Crossing (en)
- Cross Reference (en)
- Dam Or Weir (en)
- Derived Soil Profile (en)
- Designated Point (en)
- Design Speed (en)
- Disease (en)
- Drainage Basin (en)
- Duct (en)
- Earth Resource (en)
- Electricity Cable (en)**
- Element Length (en)
- Element Width (en)
- Elevation Grid Coverage (en)
- Elevation TIN (en)
- Elevation Vector Object (en)
- Embankment (en)
- Environmental Health Determinant Measure (en)
- Environmental Health Determinant Statistical Data (en)
- Environmental Management Facility (en)

Search

Electricity Cable (en)

http://inspire.ec.europa.eu/featureconcept/ElectricityCable

Preferred Label

- Електрически кабел (bg)
- Elektrický kabel (cs)
- Elkabel (da)
- Stromkabel (de)
- Ηλεκτρικό καλώδιο (el)
- Electricity Cable (en)
- Cable eléctrico (es)
- Elektrikaabel (et)
- Sähkökaapeli (fi)
- Câble électrique (fr)
- Villamosenergia-kábel (hu)
- Cavo elettrico (it)
- Elektros kabelis (lt)
- Elektrības kabelis (lv)
- Kejbil tal-Elettriku (mt)
- Electriciteitskabel (nl)
- Przewód elektryczny (pl)
- Cabo de eletricidade (pt)
- Cablu de electricitate (ro)
- Elektrický kábel (sk)
- Električni kabel (sl)
- Elkabel (sv)

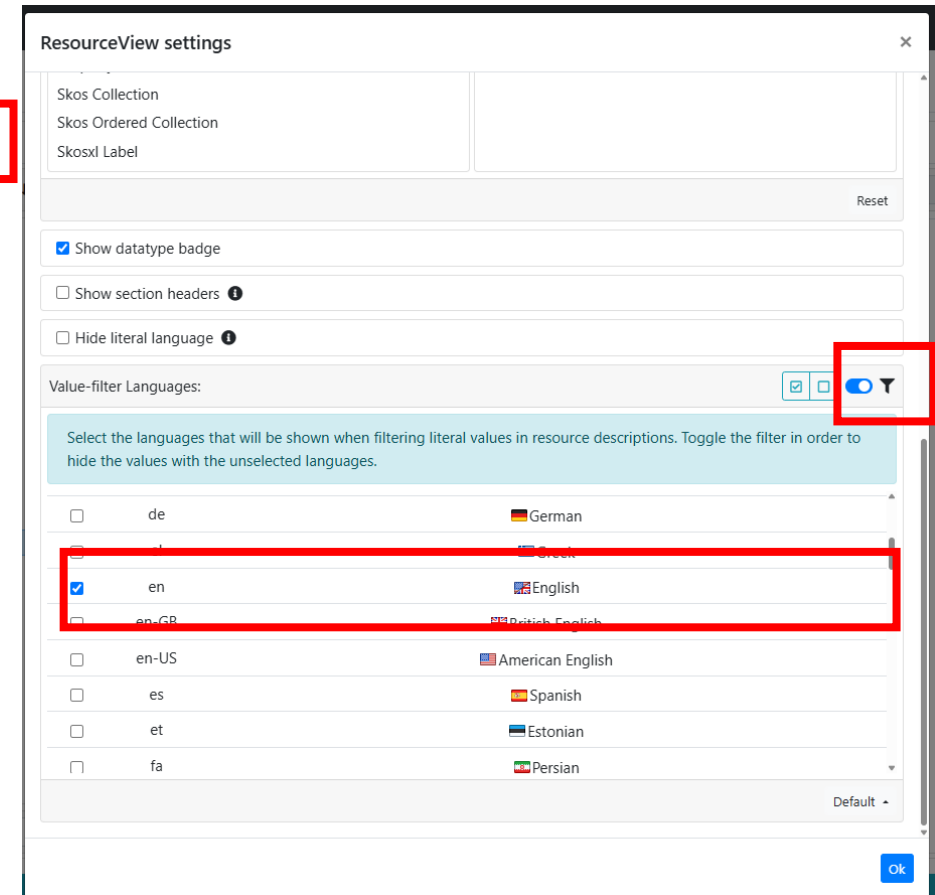
The right tab is where you can scroll down through the item's properties.



Concept page – customise view

You can customise the view on the concept page to see only the labels in one/multiple language(s)

1. Open the ResourceView settings - cog icon at the top right.
2. In the settings, scroll down to “Value-filter Languages” and select the language of your choice.
3. Enable the filtering.



What is inside the concept page?

Electricity Cable (en)	
Electricity Cable (en)	
http://inspire.ec.europa.eu/featureconcept/ElectricityCable	
URI	
Preferred Label	Electricity Cable (en)
Definition	A utility link or link sequence used to convey electricity from one location to another. (en)
Created	2015-08-18 ^^xsd:date
In Scheme	INSPIRE feature concept dictionary (en)
Top Concept Of	INSPIRE feature concept dictionary (en)
Type	http://inspire.ec.europa.eu/ontology#FeatureConcept skos:Concept
Governance Level	Legal (EU) (en)
Status	Valid (en)
Uml Name	ElectricityCable ^^xsd:string
Theme	http://inspire.ec.europa.eu/theme/us

Register or concept scheme



Special cases: multiple schemes in a register

Some registers are divided in **schemes**

- A concept scheme is a **collection of related concepts** - <https://www.w3.org/TR/skos-reference/#schemes>

INSPIRE_metadata-codelist

INSPIRE_metadata-codelist

Concept Collection **Scheme** Property Alignments ⚙

☒ ☐

☐  INSPIRE metadata code list register (en)

☒ Conditions Applying To Access and Use (en)

☐ Degree of conformity (en)

☒ IACS data (en)

☐ Limitations on public access (en)

☐ Maintenance frequency (en)

☒ Online description code (en)

☐ INSPIRE priority data set (en)

☒ INSPIRE Protocol values (en)

☐ Quality of Service criteria code (en)

☒ Resource type (en)

☒ Responsible party role (en)

☐ Classification of spatial data services (en)

☒ Spatial data service type (en)

☐ Spatial representation type (en)

☒ Spatial scope (en)

☒ Topic categories in accordance with EN ISO 19115 (en)

Each concept belongs to at least one scheme.

Generic scheme to which all the concepts (items) of the register belong.

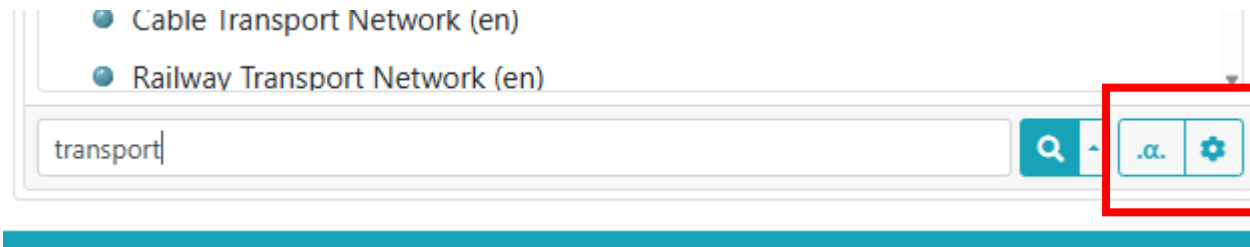
Schemes that contain a specific list of concepts (items).

Tick a scheme to access the list of concepts.



Other ShowVoc features

- Search in a selected dataset:
 - Search by label, URIs, notes
 - Set your preferences (starts with, contains, ends with, exact, fuzzy)
 - Other parameters (languages, autocompletion, scheme, etc.)

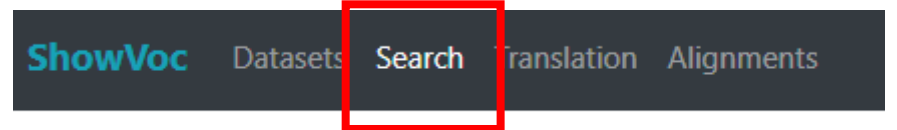


A screenshot of the 'Search settings' dialog box. The dialog has a title bar with a close button (X). It contains several sections with settings:

- String match mode:** A group box containing five radio buttons: 'Starts with', 'Contains' (selected), 'Ends with', 'Exact', and 'Fuzzy'.
- Search mode:** A group box with an information icon (i) and three checkboxes: 'Search in URI' (unchecked), 'Search in local name' (checked), and 'Search in notes' (unchecked).
- Lexicalizations search:** A group box containing two checkboxes: 'Restrict search to languages' (unchecked) and 'Include locales in search (e.g. en-GB, en-US)' (unchecked). There is a text input field next to the first checkbox.
- Autocompletion:** A group box with an information icon (i) and one checkbox: 'Enable autocompletion support during typing' (unchecked).
- Concept search:** A group box containing one checked checkbox: 'Restrict the search to the active skos:ConceptScheme(s)'.

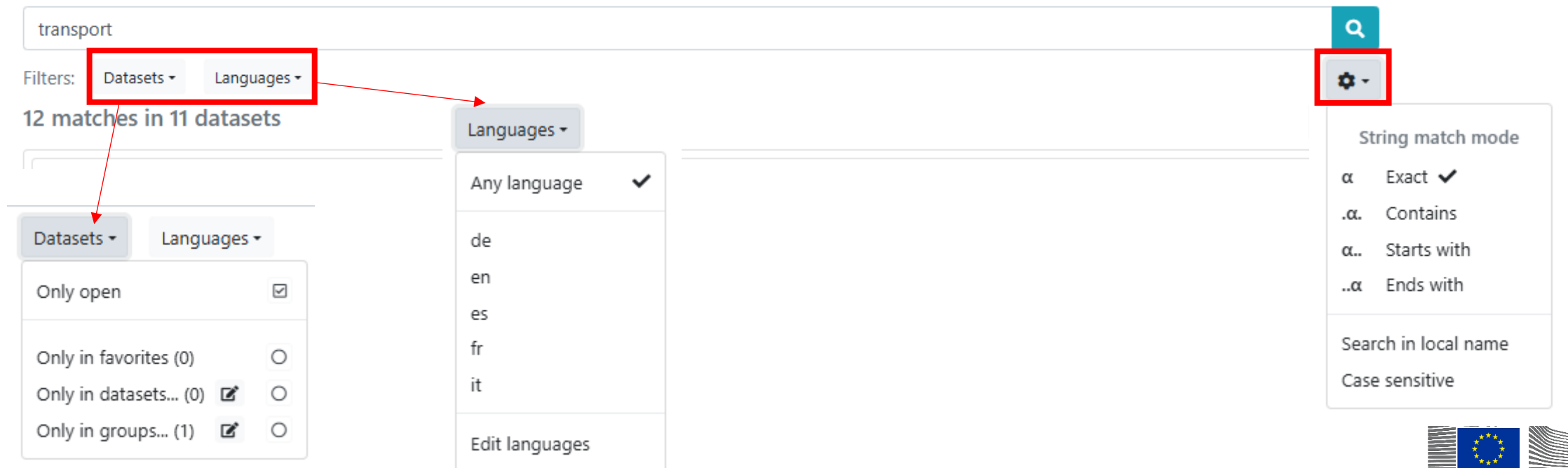
An 'Ok' button is located at the bottom right of the dialog.

Other ShowVoc features



- Global search:
 - Search in selected datasets (favourite, group, etc.)
 - Search in any language
 - Set the string match mode

Global search



Other ShowVoc features

[ShowVoc](#)[Datasets](#)[Search](#)[Translation](#)[Alignments](#)

- Translation: Retrieve the existing translation from the available datasets in ShowVoc

Translation



Source languages

(en) English 

Target languages

(fr) French  (sl) Slovenian 



Options: ☐ Include closed datasets ☐ Case sensitive

93 matches in 19 datasets  

 **INSPIRE_metadata-codelist** (1)

Transportation (en), Transportation (en)

Means and aids for conveying persons and/or goods. (en), Means and aids for conveying persons and/or goods. (en).

<http://inspire.ec.europa.eu/metadata-codelist/TopicCategory/transportation>

fr →

Transport

Transport

Moyens et aides pour le transport de personnes et/ou de marchandises.

Moyens et aides pour le transport de personnes et/ou de marchandises.

sl →

Prevozna sredstva

Prevozna sredstva

Sredstva in pripomočki za prevoz oseb in/ali blaga.

Sredstva in pripomočki za prevoz oseb in/ali blaga.



Useful links

- [INSPIRE Knowledge Base](#)
- [INSPIRE Registry](#)
- [ShowVoc user manual](#)
- [EU Vocabularies](#)

Question about ShowVoc?

➤ OP-EU-VOCABULARIES@publications.europa.eu

