Belgian Road Research Centre
Together for sustainable roads

Gestion numérique des câbles et canalisations – Proof of Concept d'un *viewer* IMKL en Wallonie

28 Sept. 2022

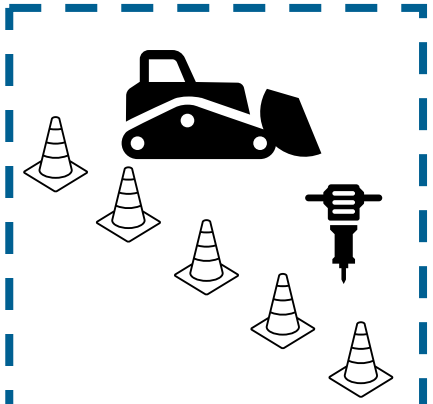
Contexte

Vlaanderen

KLIP - Kabel- en Leidinginformatieportaal
>> **Numérique** - Formats **IMKL/PMKL**

Wallonie

CICC
>> ~~**Numérique**~~ - Formats **PDF**



Entreprise

Plans impétrants

Demande Plans

KLIM-CICC

Federale **K**abels en **L**eidingen **I**nformatie **M**eldpunt - **C**ontact fédéral **I**nformations **C**âbles et **C**onduites

Gestionnaires de câbles et canalisations

AIR PRODUCTS, Sibelga, elia, fluxys, SPGE, voo, INFRABEL, La société wallonne des eaux, Aquafin, fluvius, ORES, VIVAQUA, resa, DEFENSIE, AGENTSCHAP WEGEN & VERKEER, Satellic, Wallonie service public SPW, BRUXELLES MOBILITÉ SERVICE PUBLIC RÉGIONAL DE BRUXELLES

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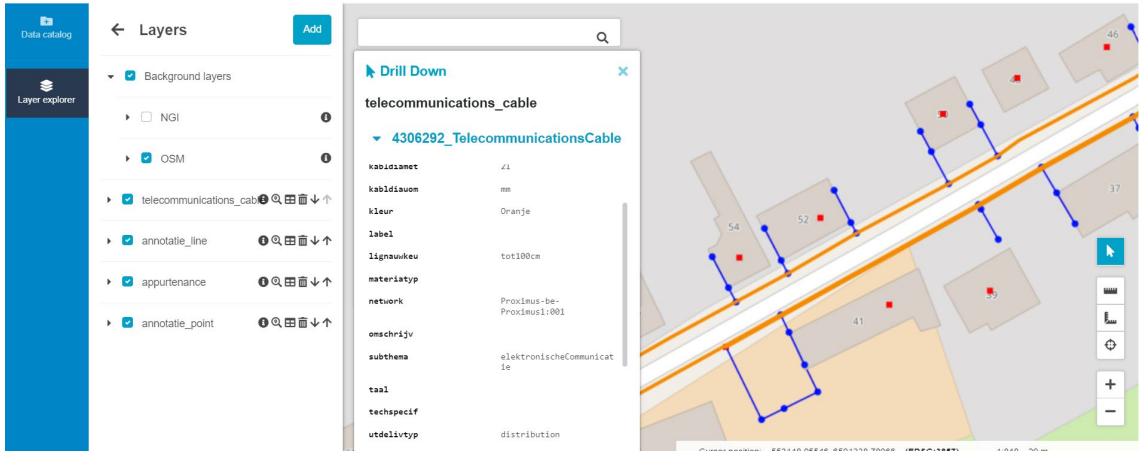
Objet

Kabels en leidingen – Digitaal informatie

- **Aanvraag PoC:** FWEV
- **Opportuniteit:** Geoportaal OCW Use case
- IMKL Viewer : Importeren van geo-data in een standaardformaat, on-site visualisatie en export in formaten die bruikbaar zijn voor de aannemers.
- Bestaat niet in Wallonïe en Brussels !



Développement

i. Géoportail CRR
ii. Viewer IMKL
    i. Import
    ii. Export
iii. Test

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gim SMART GEO INSIGHTS

Démo

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About BRRC gis@brrc.be Log out | 🌐

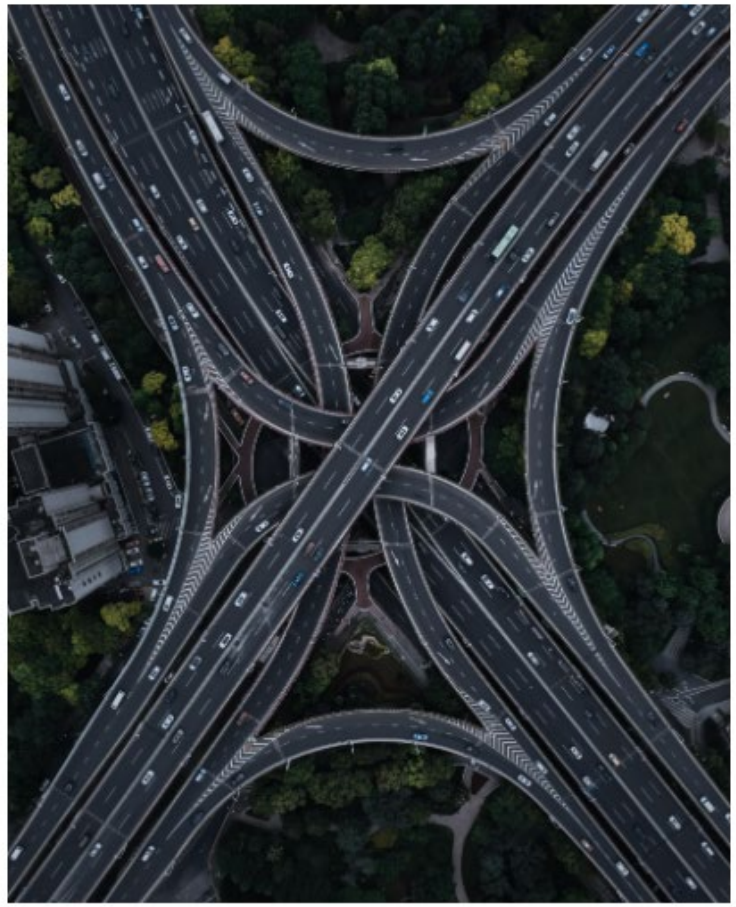
MAP ATLAS CATALOG APPLICATION RESOURCE

BRRC leads many activities linked to data production such as : mobile mapping, state-of-the-art road monitoring equipment, test sections, road safety studies, mobility analyzes, sustainable development projects, economic indicators in road construction...

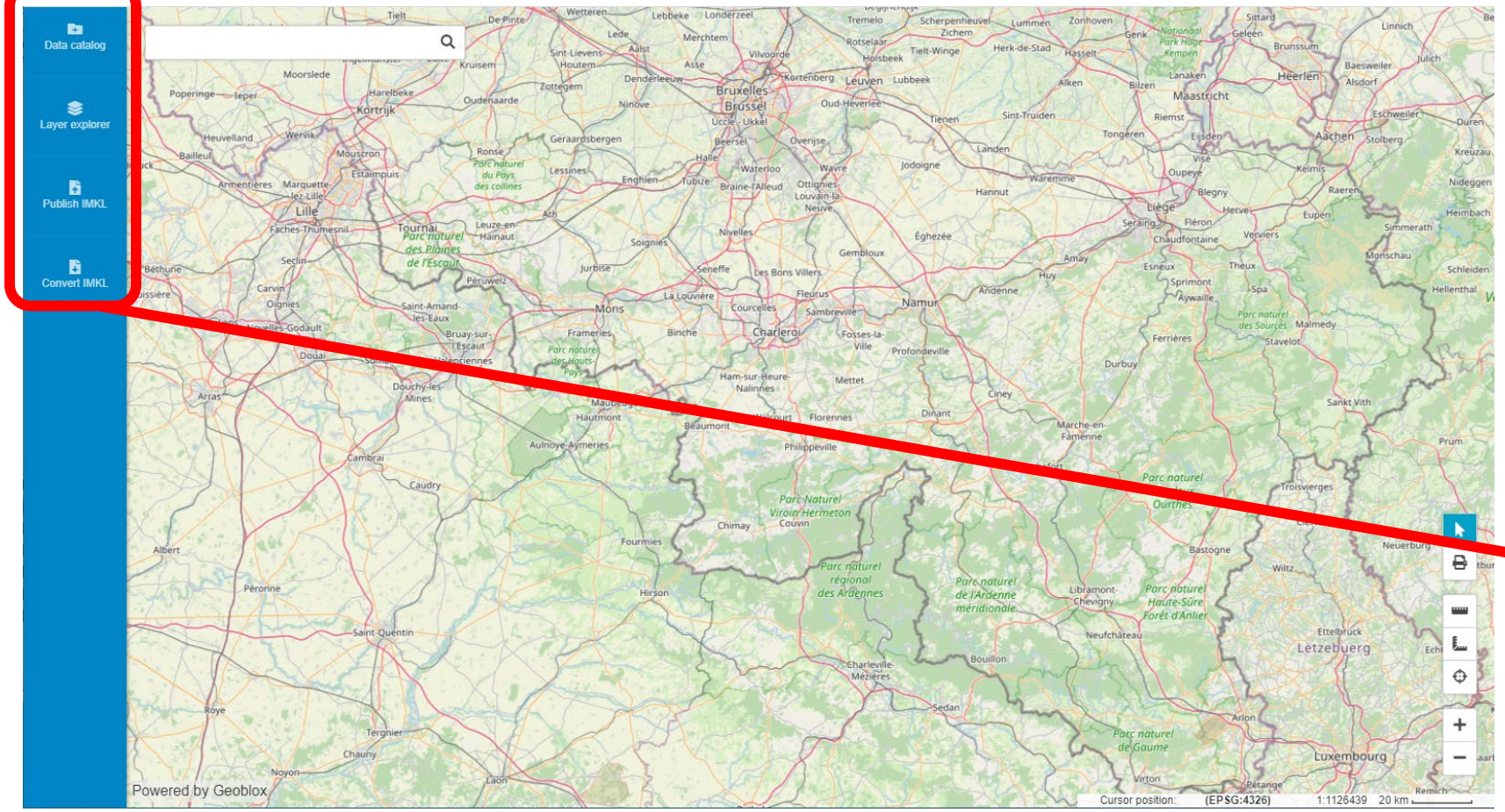
We create every day new data with a spatial component. These ge-olocated data provide an overview and real added value to analyzes, research, prospecting, studies carried out by BRRC researchers as well as to its public and private partners.

This platform offers you:

- Direct access to our data through **Data Catalog**
- Complete **Map Services**
- Specific **Applications** designed for our users

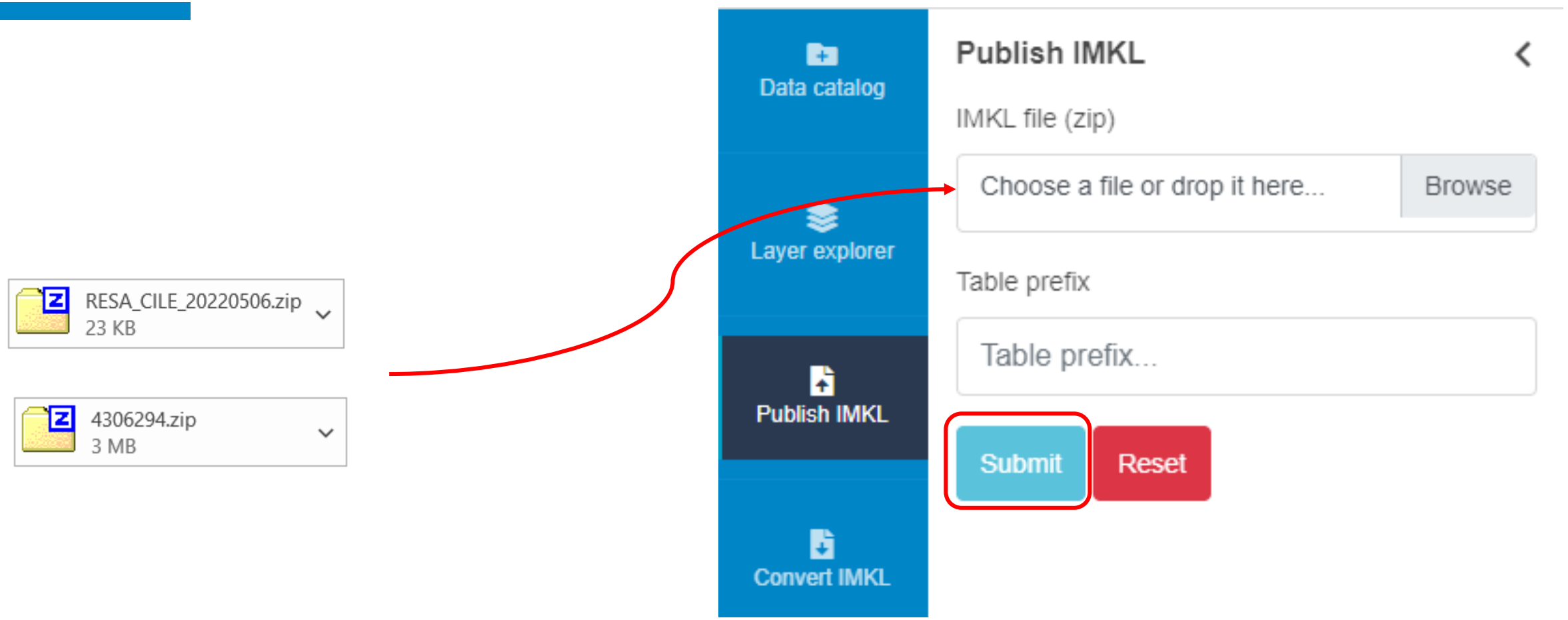


Démo



Data catalog
Layer explorer
Publish IMKL
Convert IMKL

Démo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4306294.zip
3 MB
Data catalog
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Publish IMKL
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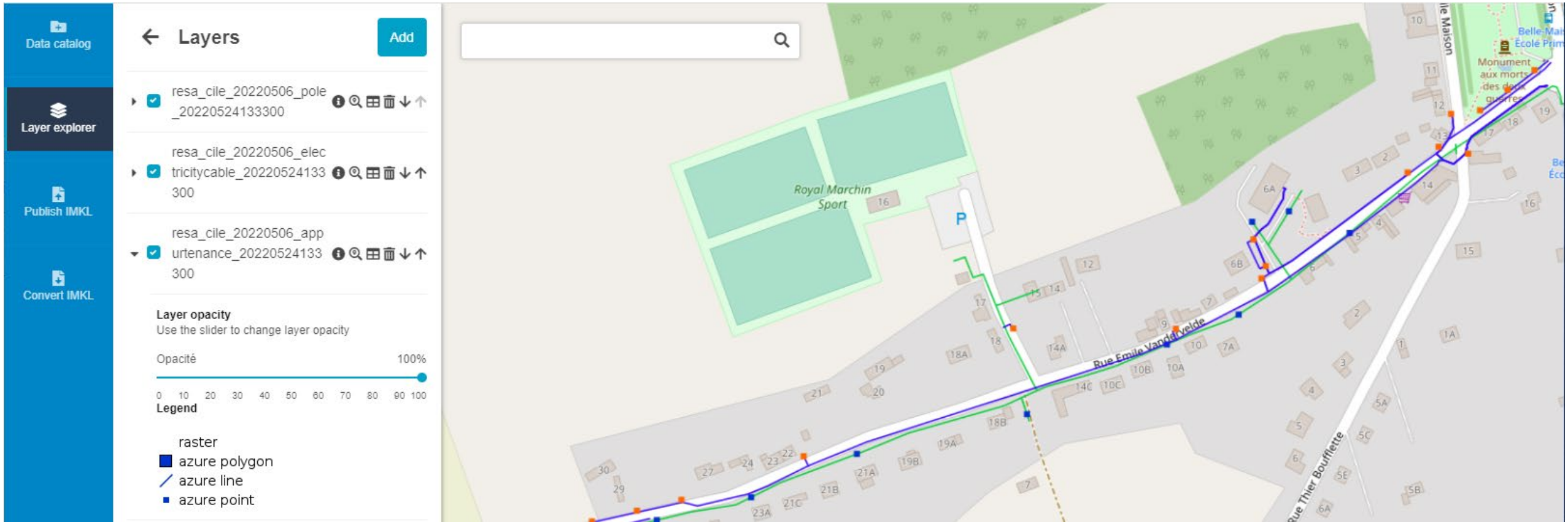
Submit
Reset

Démo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Convert IMKL
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resa_cile_20220506_appurtenance_20220524133300
Layer opacity
Use the slider to change layer opacity
Opacité
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Legend
raster
azure polygon
azure line
azure point
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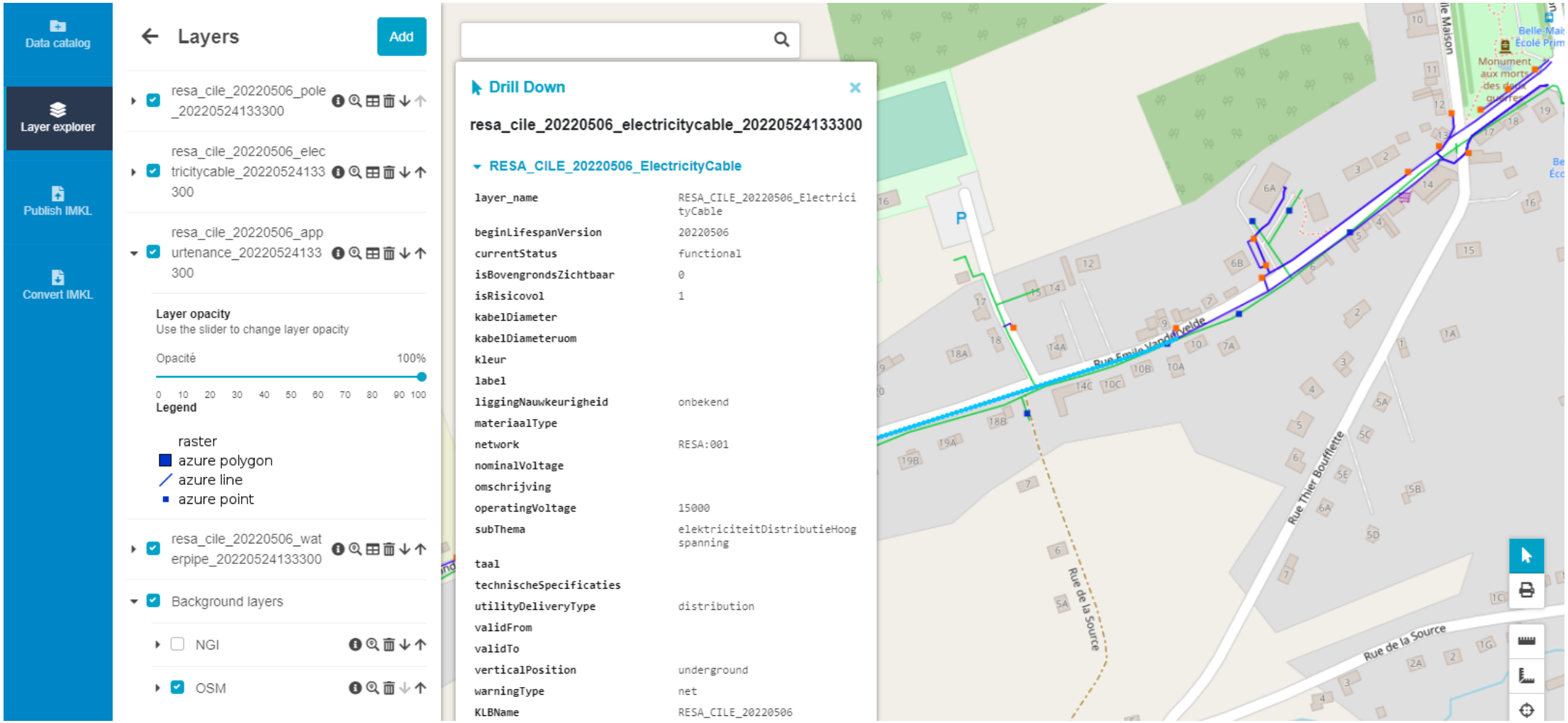
Rue Emile Vandervelde
Rue Thier Bouffiette

Démo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Background layers
NGI
OSM
Drill Down
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currentStatus functional
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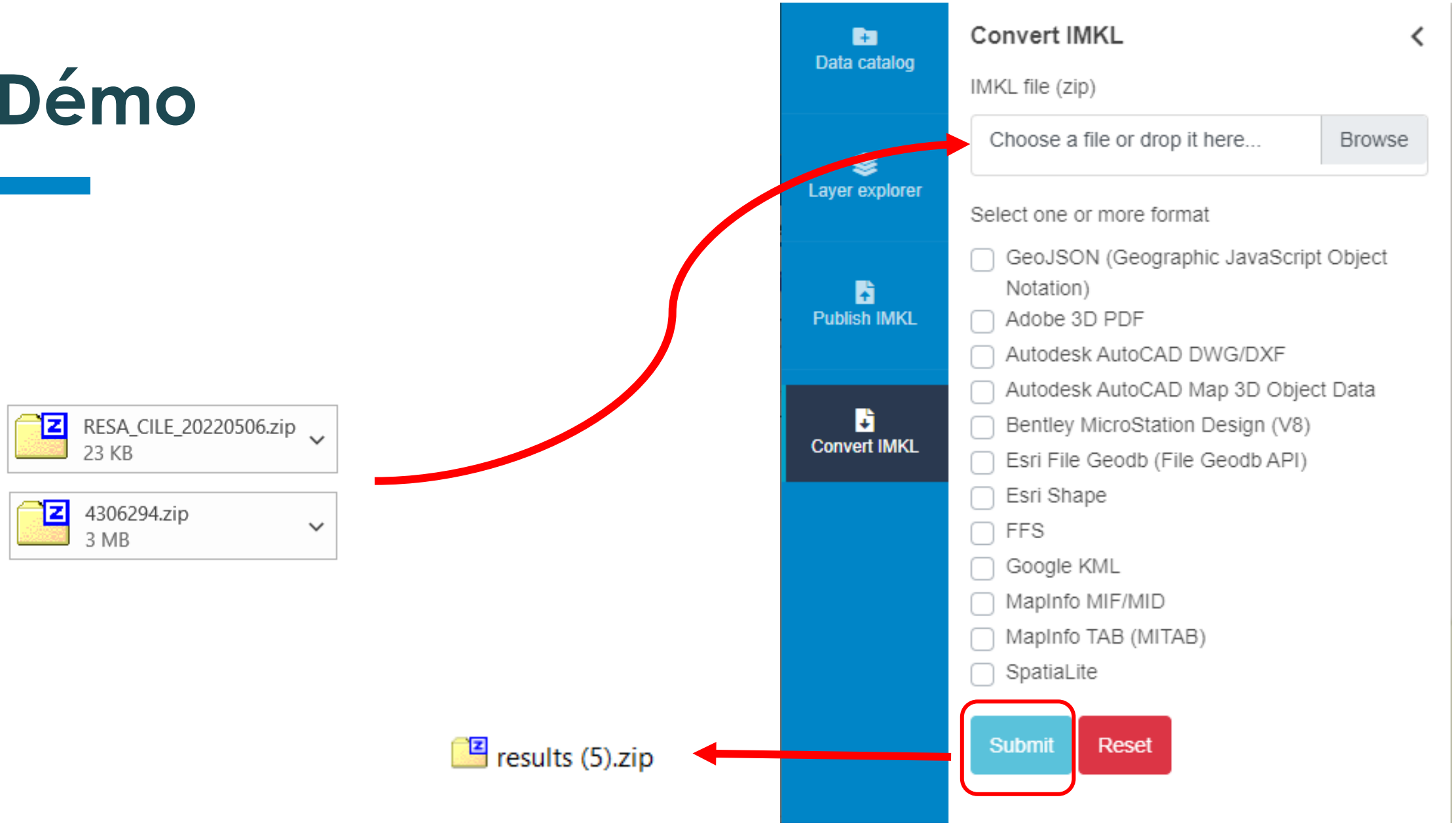
isRisicovol 1
kabelDiameter
kabelDiameteruom
kleur
label
liggingNauwkeurigheid onbekend
materiaalType
network RESA:001
nominalVoltage
omschrijving
operatingVoltage 15000
subThema elektriciteitDistributieHoogspanning
taal
technischeSpecificaties
utilityDeliveryType distribution
validFrom
validTo
verticalPosition underground
warningType net
KLBName RESA_CILE_20220506
Rue Thier Boufflette
Rue de la Source
Rue de la Source
Monument aux morts des deux guerres

Démo

Démo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Choose a file or drop it here...
Browse
Select one or more format
GeoJSON (Geographic JavaScript Object Notation)
Adobe 3D PDF
Autodesk AutoCAD DWG/DXF
Autodesk AutoCAD Map 3D Object Data
Bentley MicroStation Design (V8)
Esri File Geodb (File Geodb API)
Esri Shape
FFS
Google KML
MapInfo MIF/MID
MapInfo TAB (MITAB)
SpatiaLite
Submit
Reset

Perspectives

- ✓ **Proof of Concept** >> awareness
- ❑ **Phase pilote**
  - Autres gestionnaires de câbles et canalisations (GCC);
  - Besoins des entrepreneurs;
  - Flux des données, procédure de demande et fourniture (KLIM-CICC);
  - Accord de coopération entre Régions ? (format imkl/pmkl)
- ❑ **Solution** pour les entrepreneurs de voirie wallons et bruxellois?

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