

# Cataloguing open geodata with ckan

*new features, Belgian perspective*

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29/10/2015

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## History | okfn & ckan



- worldwide non-profit foundation
- using advocacy, technology and training to promote open knowledge



- open data management platform
- open source
- large community



History | okfn & ckan



OPEN  
KNOWLEDGE  
BELGIUM

- worldwide non-profit foundation
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## Quick tour | core features

- Search and discoverability for **users**
  - Central full-text search
  - Faceted search on main metadata fields
  - Previews and data exploration
- Data management for **publishers**
  - Metadata edition
  - Workflow and approval
  - Fine grained authorization controls
  - Download and view statistics
- Extensible architecture and APIs for **developers**
  - Extensible schema
  - Extension API
  - REST API
  - Specialized extensions: data API, analytics, harvesting, spatial...



## Geospatial Features | extensions

official CKAN extensions

- ckanext-spatial
  - model & indexing
  - search
  - harvesters
  - basic preview
- ckanext-geoview
  - OpenLayers based
  - extended support for various formats
    - geoJSON, KML, GML, WMS, WFS, Arcgis, Google Fusion Tables
- many other community-driven projects





## Télécharger

URL: <http://geoservices.vallonie.be/arcgis/services/TOPOGRAPHIE/PICC/MapServer/WMSServer?request=GetCapabilities&service=WMS>

Issu de l'abstract du jeu de données

Projet Informatique de Cartographie Continue : infrastructures de la Wallonie

Source: Picc



## Wrapping up | what's next?

- geoDCAT support
  - formalizes ISO19115/119 to DCAT mapping
- advanced geoview configuration
  - stored styles
  - feature interactions
- OWS Context support

