

GENERAL INFORMATION	
Parameter name	Groundwater body suitable for open-loop systems
Name of layer	PP08_RBINS_GW_body
Category	Resources for open-loop systems
Definition	<a href="#">Distinct volume of groundwater within an aquifer or system of aquifers, which is hydraulically isolated from nearby groundwater bodies and provides enough yield with suitable temperatures for open-loop systems (groundwater heat exchangers) with and/or without thermal storage.</a>
Harmonized unit	none
Relevance for shallow geothermal energy	Extent of groundwater bodies suitable for the installation of open loop systems.
Data type	Discrete labels
Data format	vector: polygon
Projection	EPSG: 3034
Color	Preferred color for each class: 1 – blue 2 – dark red 3 – magenta
Dataset selected for pilot area	Bratislava, Vienna, Girona, Ljubljana, Cardiff, <b>Brussels</b> , Cork Zaragoza

ATTRIBUTES	
class	Discrete data classes based on a joint legend:
1.	groundwater body suitable for open-loop systems without storage
2.	groundwater body suitable for aquifer thermal energy storage
3.	groundwater body suitable for open-loop systems with and without storage
class_URI	Definitions of the attributes, e.g., INSPIRE, project vocabulary, etc.
linkdataurl	Link to data or additional information about the data, e.g., link to national databases (text)
remark	Free text for additional information (text)
repositoryurl	Link to this factsheet (text)

DATA SOURCE	
Pilot area	Brussels
Data source	Environnement.brussels <a href="https://environnement.brussels/thematiques/geologie-et-hydrogeologie/outils-et-donnees/catalogue-des-donnees-geologiques-et">https://environnement.brussels/thematiques/geologie-et-hydrogeologie/outils-et-donnees/catalogue-des-donnees-geologiques-et</a>
Contact data owner	epetitclerc@naturalsciences.be

<b>Last Update</b>	dgarcia@naturalsciences.be
	28/01/2021

### Explanatory text English

Extent of groundwater bodies suitable for open-loop systems.

More information at:

<https://geodata.leefmilieu.brussels/client/view/22713aac-e03d-4a18-b0eb-c71f3ca55db1/147129/169771/5>

<https://environnement.brussels/thematiques/geologie-et-hydrogeologie/eaux-souterraines/hydrogeologie/concept-de-masses-deau>

<https://geobru-geonetwork.irisnet.be/geonetwork/srv/eng/catalog.search#/metadata/gwb.xml>

<https://geodata.environnement.brussels/client/brugeotool/home>

[https://document.environnement.brussels/opac\\_css/index.php?lvl=index](https://document.environnement.brussels/opac_css/index.php?lvl=index)

### Explanatory text national language

Language

Dutch

Omvang van grondwaterlichamen die geschikt zijn voor open-lussystemen.

Meer informatie op:

<https://leefmilieu.brussels/themas/geologie-en-hydrogeologie/grondwater/hydrogeologie/begrip-grondwaterlichamen-kaderrichtlijn>

<https://geodata.leefmilieu.brussels/client/view/22713aac-e03d-4a18-b0eb-c71f3ca55db1/147129/169771/5>

<https://geobru-geonetwork.irisnet.be/geonetwork/srv/dut/catalog.search#/metadata/gwb.xml>

<https://geodata.environnement.brussels/client/brugeotool/home>

[https://document.environnement.brussels/opac\\_css/index.php](https://document.environnement.brussels/opac_css/index.php)

### Explanatory text national language

Language

French

Extension de masses d'eau souterraine adaptées aux system ouvertes.

Pour plus d'informations, voir :

<https://environnement.brussels/thematiques/geologie-et-hydrogeologie/eaux-souterraines/hydrogeologie/concept-de-masses-deau>

<https://geodata.leefmilieu.brussels/client/view/22713aac-e03d-4a18-b0eb-c71f3ca55db1/147129/169771/5>

<https://geobru-geonetwork.irisnet.be/geonetwork/srv/fre/catalog.search#/metadata/gwb.xml>

<https://geodata.environnement.brussels/client/brugeotool/home>

[https://document.environnement.brussels/opac\\_css/index.php?lvl=index](https://document.environnement.brussels/opac_css/index.php?lvl=index)