

GENERAL INFORMATION	
Parameter name	Groundwater body suitable for open-loop systems
Name of layer	PP02_BGS_GW_body
Category	<a href="#">Resources for open-loop systems</a>
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	Brussels, <b>Cardiff</b> , Cork (TBC), Glasgow (TBC), Linköping, Prague, Warsaw, 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.	<a href="#">groundwater body suitable for open-loop systems with and without storage</a>
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	Cardiff
Data source	British Geological Survey
Contact data owner	Dave Boon <a href="mailto:dboon@bgs.ac.uk">dboon@bgs.ac.uk</a>
Last Update	12.02.2021

**Explanatory text English**

Outline (2D) of groundwater body (glaciofluvial sand and gravel aquifer Cardiff).

<https://www.ukgeos.ac.uk/observatories/cardiff>