

GENERAL INFORMATION	
Parameter name	Groundwater body suitable for open-loop systems
Name of the layer in EGD Map Viewer	Groundwater body suitable for open-loop systems, Vienna
Original name of the layer in the GeoPackage uploaded to EGD database	PP01_GBA_GW_body
Category	Resources for open-loop systems
Definition	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.
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
Dataset selected for pilot area	Bratislava, Vienna , Girona, Ljubljana, Cardiff, Brussels, 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	Link to definitions, 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	Vienna
Data source	Geological Survey of Austria
Contact data owner	Cornelia.Steiner@geologie.ac.at
Last Update	16.02.2021

Explanatory text English

Well permeable gravel sediments deposited by the Danube cover the entire pilot area Vienna. Input data for the delimitation is the digital Geo-Atlas (Pfleiderer, 2004).

Explanatory text national language

Language	German
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Das gesamte Pilotgebiet wird vom gut durchlässigen Schotterkörper aus Ablagerungen der Donau bedeckt. Die Abgrenzung erfolgte basierend auf dem digitalen angewandten Geo-Atlas (Pfleiderer, 2004).