

GENERAL INFORMATION	
Parameter name	Specific annual thermal load - open loop systems
Name of the layer in EGD Map Viewer	Specific annual thermal load OLS, Bratislava
Name of shapefile	PP14_SGIDS_spec_therm_load_OLS_ebal.tif
Category	Resources for open-loop systems
Definition	Energy content available per year in a defined volume of a groundwater body for heating and/or cooling applications.
Harmonized unit	kWh/a/m ²
Relevance for shallow geothermal energy	Specific annual thermal energy content for heating and / or cooling referring per surface area for specified borehole heat exchangers .
Data type	Discrete data classes based on a joint legend: (the legend yet needs to be defined)
Data format	Raster
Projection	EPSG: 3034
Dataset selected for pilot area	Brussels, Vienna, Zagreb (TBC), Girona, Bratislava

ATTRIBUTES	
Unit	kWh/a/m ²

DATA SOURCE	
Pilot area	Bratislava
Data source	Specific annual thermal load - open loop systems
Contact data owner	jaromir.svasta@geology.sk
Last Update	8.9.2021

Explanatory text English
Energy content available in a defined volume of a groundwater body for heating and/or cooling applications with balanced mode of operation (heating = cooling). This parameter may consider summation effects caused by existing installations or other anthropogenic influences.

Explanatory text national language	
Language	Slovak
Množstvo energie v definovanom objeme zvodnenca dostupné pre kúrenie a/alebo chladenie s vyváženým operačným cyklom (kúrenie = chladenie). Tento parameter môže zohľadňovať kumulačné efekty spôsobené už existujúcimi zariadeniami alebo inými antropogénnymi vplyvmi.	