

GENERAL INFORMATION	
Parameter name	Thermal capacity - open loop systems
Name of the layer in EGD Map Viewer	Thermal capacity - open loop systems, Ljubljana
Original name of the layer uploaded to EGD database	PP09_GeoZS_therm_capacity_ols.tif
Category	Resources for open loop systems
Definition	Thermal capacity of a well doublet for heating and/or cooling depending on the hydraulic productivity and the thermal productivity.
Harmonized unit	kW
Relevance for shallow geothermal energy	The power [kW] available to be used with a groundwater heat exchanger , which depends on the pumping rate and the temperature shift (temperature difference between pumping and injection well).
Data type	Discrete data classes referring to a joint classification scheme
Data format	Raster
Projection	EPSG: 3034
Dataset selected for pilot area	Bratislava (TBC), Ljubljana , Cardiff (TBC), Vienna, Girona (TBC)

ATTRIBUTES	
Unit	kW

DATA SOURCE	
Pilot area	Ljubljana
Data source	Geological Survey of Slovenia
Contact data owner	Mitja.janza@geo-zs.si
Last Update	02.08.2021

Explanatory text English
The thermal capacity is a combination of the hydraulic productivity and the groundwater temperature.

Explanatory text national language	
Language	Slovenian
Topolotna kapaciteta je kombinacija hidravlične izdatnosti in temperature podzemne vode.	

