

GENERAL INFORMATION	
Parameter name	Minimum groundwater temperature
Name of the layer in EGD Map Viewer	Minimum groundwater temperature, Ljubljana
Original name of the layer uploaded to EGD database	PP09_GeoZS_min_gw_temp.tif
Category	Resources for open-loop systems
Definition	Annual minimum groundwater temperature.
Harmonized unit	Degree Celsius
Relevance for shallow geothermal energy	Cooler groundwater temperatures mean higher resources for cooling with groundwater heat exchangers in general. Legally binding minimum temperatures of the injected water might limit the temperature shift between pumping and injection well (and hence the thermal capacity for heating of the system) depending on the minimum groundwater temperature at a specific location.
Data type	Continuous dataset
Data format	Raster
Projection	EPSG: 3034
Dataset selected for pilot area	Bratislava, Brussels, Ljubljana , Vienna, Prague, Cardiff, Glasgow, Cork, Zaragoza, Zagreb
color	Preferred color for each class:

ATTRIBUTES	
Unit	Degree Celsius

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
Annual minimum groundwater temperature up to 100 m depth.

Explanatory text national language	
Language	Slovenian
Povprečna minimalna temperatura podzemne vode do 100 m globine.	