

GENERAL INFORMATION	
Parameter name	Groundwater protection
Name of the layer in EGD I Map Viewer	Groundwater protection, Ljubljana
Original name of the layer in the GeoPackage uploaded to EGD I database	PP09_GeoZS_gw_protection
Category	Limitation of use
Definition	Areas dedicated to drinking water or curative water supply, which might limit the use of shallow geothermal energy.
Harmonized unit	none
Relevance for shallow geothermal energy	Areas where the installation of shallow geothermal systems is restricted or prohibited due to the use of the groundwater for drinking or curative water supply.
Data type	Discrete labels
Data format	vector: regions
Projection	EPSG: 3034
Dataset selected for pilot area	Linköping, Bratislava, Vienna, Zagreb, Prague, Aarhus, Ljubljana , Brussels, Warsaw

ATTRIBUTES	
Restriction_type	Discrete data classes based on a joint legend:
1.	No restrictions to the use of shallow geothermal energy
2.	Potentially restricted use of shallow geothermal energy
3.	Protected area unsuitable for shallow geothermal energy use
0.	No data available
linkdataurl	Link to data or additional information about the data; e.g., national database
remark	Free text containing additional information about the data
repositoryurl	Link to this document

DATA SOURCE	
Pilot area	Ljubljana
Data source	MINISTRSTVO ZA OKOLJE IN PROSTOR, DIREKCIJA REPUBLIKE SLOVENIJE ZA VODE https://podatki.gov.si/dataset/vodovarstvena-obmocja
Contact data owner	gp.drsv@gov.si
Last Update	05.01.2021

Explanatory text English

This dataset includes the location of groundwater capture zone and water protection area (category I, IIa, IIb and IIIa).

Catchment zone, category I and IIa:

Water protected areas prioritize usage for drinking water to such extent that excavations for shallow geothermal energy are prohibited.

Category IIb and IIIa:

Water consent for construction needs to be issued. The impacts on the water regime and the status of water body have to be verified. When drilling, operating and maintaining, all measures must be taken to prevent the seepage of the drill cuttings or other materials into groundwater or intake. After cessation of usage, the well must be liquidated in such a way that any contamination of groundwater or intake is prevented.

More information at:

<http://www.pisrs.si/Pis.web/pregledPredpisa?id=URED7006>

Explanatory text national language

Language

Slovenian

Slój prikazuje vodovarstvena območja (območje zajetja in vodovarstvena območja kategorije I, IIa, IIb in IIIa).

Območje zajetja, kategorija I in IIa:

Vodovarstvena območja dajejo prednost oskrbi s pitno vodo v takšni meri, da prepovedujejo vrtanje za geotermalno energijo.

Kategorija IIb in IIIa:

Pri postopku izdaje vodnega soglasja za gradnjo objektov ter izvajanje gradbenih del so preverjeni vplivi na vodni režim in stanje vodnega telesa ter izdano vodno soglasje. Pri vrtanju, med obratovanjem in vzdrževanjem je treba izvesti vse ukrepe za preprečitev odtekanja, ponikanja ali spiranja izvrtanine ali drugih snovi v podzemne vode ali zajetje. Po prenehanju rabe je treba vrtino ukiniti tako, da je preprečeno kakršno koli onesnaženje podzemne vode ali zajetja.

Več informacij na:

<http://www.pisrs.si/Pis.web/pregledPredpisa?id=URED7006>