

GENERAL INFORMATION	
Parameter name	Hydraulic productivity
Name of the layer in EGD Map Viewer	Hydraulic productivity, Ljubljana
Original name of the layer uploaded to EGD database	PP09_GeoZS_hydraulic_prod.shp
Category	Resources for open-loop systems
Definition	Maximum yield or pumping rate of a groundwater well doublet per square meter at a given location.
Harmonized unit	l/s
Description	Maximum yield or pumping rate of a groundwater well doublet.
Data type	Discrete data classes referring to a joint classification scheme
Data format	Raster
Projection	EPSG: 3034
Dataset selected for pilot area	Cork (TBC), Bratislava, Zaragoza (TBC), Girona (TBC), Ljubljana , Vienna

ATTRIBUTES	
Unit	l/s

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
Based on the Dupuit-Thiem well equation for an unconfined groundwater body and a fixed hydraulic radius of 25 m, the hydraulic productivity was determined. It represents the maximum pumping rate available, which depends on the groundwater thickness and the hydraulic conductivity.

Explanatory text national language	
Language	Slovenian
Na podlagi Dupuit-Thiem enačbe za vodonosnike s prosto gladino in vplivnim radijem 25 m, je bila določena hidravlična izdatnost vodonosnika. Vrednost predstavlja najvišjo možno črpanja (l/s), ki je odvisna od debeline zasičene cone in koeficienta prepustnosti.	