

GENERAL INFORMATION	
Parameter name	Shallow geothermal energy systems
Name of the layer in EGD Map Viewer	Shallow geothermal energy systems, Zaragoza
Original name of the layer in the GeoPackage uploaded to EGD database	PP10_IGME_existing_SGE
Category	Limitation of use
Definition	Installations that enable the use of the energy stored underground in a depth of up to 300 to 400 meters
Harmonized unit	None
Relevance for shallow geothermal energy	Existing shallow geothermal energy installations that enable the use of the energy stored underground in a depth of up to 300 to 400 meters. The location of those installations should be considered before planning the installation of new shallow geothermal systems, to avoid neighbouring effects. Existing installations might indeed restrict the installation of new systems in a given area.
Data type	Discrete labels
Data format	vector: points
Projection	EPSG: 3034
Dataset selected for pilot area	Cardiff, Cork, Brussels, Linköping, Warsaw, Prague, Zaragoza , Aarhus

ATTRIBUTES	
System_type	Discrete data classes based on a joint legend:
1.	Groundwater heat exchanger
2.	Borehole heat exchanger
3.	Other shallow geothermal energy system
0.	No information available
System_type_URI	Link to definitions, e.g., INSPIRE, project vocabulary, etc.
linkdataurl	Link to data or additional information about the data; e.g., Link to national database (text)
remark	Free text for additional information (text)
repositoryurl	Link to this factsheet (text)

DATA SOURCE	
Pilot area	Zaragoza
Data source	Geological Survey of Spain (IGME)
Contact data owner	a.garcia@igme.es
Last Update	08/03/2021

Explanatory text English

Shallow geothermal systems using open loop geothermal heat exchangers in the city of Zaragoza. The data is not exhaustive and other facilities may exist. Website: <http://iber.chebro.es/SitEbro/sitebro.aspx>

Explanatory text national language

Language	Spanish
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Instalaciones geotérmicas someras con intercambiadores geotérmicos en circuito abierto en el ámbito de la ciudad de Zaragoza. Los datos no son exhaustivos y otras instalaciones pueden existir. Página web: <http://iber.chebro.es/SitEbro/sitebro.aspx>