

GENERAL INFORMATION	
Parameter name	Shallow geothermal energy systems
Name of layer	PP07_GSI_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 (TBC), Zaragoza (TBC), Bratislava (TBC)

ATTRIBUTES	
SystemType	Discrete data classes based on a joint legend: <ol style="list-style-type: none"> 1. Groundwater heat exchanger 2. Borehole heat exchanger 3. Other shallow geothermal energy system 0. No information available
SystemType_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	Cork
Data source	Public database link unavailable - contact Geological Survey Ireland at shallowgeothermal@gsi.ie
Contact data owner	shallowgeothermal@gsi.ie
Last Update	
	03/02/2021

Explanatory text English

Location of existing geothermal installations. This database contains a record of known ground source heat pumps in Cork City pilot area. Data is derived from surveys, local authorities and other state bodies, consultants, and academia. It is NOT a comprehensive database, and the locations of records have different precisions depending on the source data.

Data coordinate reference system reprojected from EPSG:2157 – IRENET 95 / Irish Transverse Mercator to EPSG:3034 - ETRS89-extended / LCC Europe.