

GENERAL INFORMATION	
Parameter name	Shallow geothermal energy systems
Name of the layer in EGDl Map Viewer	Shallow geothermal energy systems, Cardiff
Original name of the layer in the GeoPackage uploaded to EGDl database	PP02_BGS_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	Cardiff
Data source	British Geological Survey
Contact data owner	dboon@bgs.ac.uk
Last Update	28/10/2020

Explanatory text English

Locations of all known GSHP schemes in Cardiff, including planned developments.