

GENERAL INFORMATION	
Parameter name	Subsurface infrastructure
Name of the layer in EGD Map Viewer	Subsurface infrastructure, Cork
Original name of the layer uploaded to EGD database	PP07_GSI_subsurface_infrastructure.shp
Category	Limitation of use
Definition	Any subsurface installations which might lead to conflicts with well drilling and borehole heat exchangers
Harmonized unit	none
Relevance for shallow geothermal energy	Any subsurface installations that might lead to conflicts with the installation shallow geothermal energy systems .
Data type	Discrete labels
Data format	vector: polylines
Projection	EPSG: 3034
Dataset selected for pilot area	Warsaw, Cork , Ljubljana, Zaragoza

ATTRIBUTES	
InfrastructureType	Discrete data classes based on a joint legend:
1.	unspecified
2.	tunnel (underground road or railway)
3.	electric lines
4.	gas lines
5.	district heating
6.	water channels
7.	water and sewage infrastructure
8.	telecommunication
9.	underground car park
InfrastructureType_URI	Link to linked data, e.g., Link to national database (text)
linkdataurl	Link to data or additional information about the data, e.g., link to national databases (text)
remark	Free text for additional information (text)
repositoryurl	Link to this factsheet (text)

DATA SOURCE	
Pilot area	Cork
Data source	Derived from Google Earth and Cork City Council datasets
Contact data owner	taly.hunterwilliams@gsi.ie
Last Update	07/04/2021

Explanatory text English

Subsurface infrastructure. This dataset displays water channels, tunnels, and underground car parks in Cork City. The water channels and tunnels are derived from Google Earth and the underground car parks are derived from Cork City Council datasets. Please contact the relevant organisations to check the location of subsurface infrastructure before starting construction:

- Bord Gáis Energy: gas lines
- Cork City Council: underground car parks, tunnels
- ESB: electrical lines
- Irish Water: water and sewage infrastructure
- OSi: water channels
- Eir: telecommunication

DISCLAIMER

The Geological Survey Ireland makes no representations, warranties, or undertakings about any of the information provided on these maps including, without limitation, their accuracy, their completeness or their quality or fitness for any particular purpose.

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