

GENERAL INFORMATION	
Parameter name	Traffic light map for closed loop system
Name of the layer in EGD Map Viewer	Traffic light map for closed loop system, Aarhus
Original name of the layer uploaded to EGD database	PP16_GEUS_traffic_light_map_closed_loop.shp
Category	General information
INSPIRE definition	N/A – Labels' definitions available in MUSE project vocabulary
Harmonized unit	N/A
Description	Overall evaluation of possible limitations and restrictions to the installation of closed loop systems based on a 3 colour schemes (pink: generally not possible, yellow: detailed information necessary, green: generally possible)
Data type	Discrete data classes based on a joint legend: (the legend yet needs to be defined)
Data format	vector: polygons
Projection	EPSG: 3034
Dataset selected for pilot area	Bratislava, Cork, Linköping, Vienna, Warsaw, Ljubljana

ATTRIBUTES	
Unit	N/A
Class:	Discrete data classes based on a joint legend:
1.	Installations are generally possible
2.	Additional information about possible limitations to installations are necessary
3.	Installations are not allowed
linkdataurl	Link to linked data; e.g., Link to national database (text)
remark	Free text for additional information (text)
repositoryurl	Link to document in EGD repository; e.g., this factsheet. This field will be filled out with an URI automatically generated when uploading the pertinent documents to EGD document repository. Hence, this field will be filled out after those documents have been uploaded.

DATA SOURCE	
Pilot area	Aarhus
Data source	FHOM 3D model
Contact data owner	cdi@geus.dk
Last Update	15-07-2021

Explanatory text English

Areas suited for closed loop systems with heat storage include areas with more than 20 m of unsaturated sediments above the groundwater table as well as areas with less than 20 m to impermeable clay formations. Both types of areas have limited groundwater flow.

Areas outside the groundwater protection areas (OSD and OD) are assessed to be "green"

Areas inside the groundwater protection areas (OSD and OD) but more than 500 m from existing well for drinking water wells – are assessed to be "yellow"

Areas less than 500 from existing well for drinking water wells – are assessed to be "red"

In blank areas there is not enough data to make an assessment

Explanatory text national language

Language	Danish
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Områder, der er egnede til lukkede energisystemer <u>med</u> varmelagring, omfatter områder med mere end 20 m umættede sedimenter over grundvandsspejlet samt områder med mindre end 20 m til tætte palæogene lerformationer. I begge typer af områder er der begrænset grundvandstrømning.	
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Områder uden for OSD og OD vurderes at være "grønne"

Områder OSD og OD og OD, med mere end 500 m til eksisterende borer til drikkevandsindvinding vurderes at være "gule"

Områder med mindre end 500 m til eksisterende drikkevandsboringer vurderes at være "røde"

I tomme områder er der ikke nok data til at foretage en vurdering