

GENERAL INFORMATION	
Parameter name	Land surface temperature
Name of the layer in EGD Map Viewer	Land surface temperature, Zagreb
Original name of the layer uploaded to EGD database	PP04_HGI-CGS_land_surface_temp
Category	Resources for closed-loop systems
Definition	Temperature of the land surface on the top canopy layer
Harmonized unit	°C
Relevance for shallow geothermal energy	Mean annual surface temperature derived from infrared satellite data. If available, these datasets are calibrated and validated by soil temperature measurements.
Data type	Continuous data layer
Data format	raster
Projection	EPSG: 3034
Dataset selected for pilot area	Bratislava, Vienna, Zagreb , Prague, Cork, Linköping, Ljubljana, Brussels, Girona

ATTRIBUTES	
Unit	°C

DATA SOURCE	
Pilot area	Zagreb
Data source	https://scihub.copernicus.eu/dhus/#/home
Contact data owner	Copernicus Open Access Hub
Last Update	1.4.2021.

Explanatory text English
Land Surface Temperature (LST) data is extracted from Sentinel-3 SLSRT Level 2 data using ESA SNAP and ArcGIS. https://sentinels.copernicus.eu/documents/247904/2731673/Sentinel-3-SLSTR-level-2-Land-Product-Notice

Explanatory text national language	
Language	Croatian
Površinska temperatura (LST) je proračunata iz podataka satelita Sentinel-3 Level 2 korištenjem alata ESA SNAP i ArcGIS. https://sentinels.copernicus.eu/documents/247904/2731673/Sentinel-3-SLSTR-level-2-Land-Product-Notice	