Geo-harmonizer

Website

URL **https://opendatascience.eu/geoharmonizer-project**

Quick facts

- Company: European Commission
- Sector: Environment
- Product / service: Website
- Type of data: Geo-spatial data
- Origin: Europe

Description

The European Commission's Open Data Science project created a tool that displays a map overlaid with air pollution data, potential natural vegetation sites, and locations suitable for placing solar, wind, or other energy systems. To deliver this information, the geo-harmonizer utilises Openlandmap.org combined with predictive analysis based on machine-learning methods. This tool highlights the Open Data Science project's wider aim to encourage sharing of national data on an EU-wide basis.

Benefits

Geo-harmonizer makes data available to a wider audience and allows the use of EU data without making using of specific IT infrastructure.

How open data is used

Geographical information is extracted from Openlandmap.org, which is freely available to anyone. The machine learning algorithms used for calculating the displayed values are all obtained through open-source software.