

RenewableSpot





Layer group 1

Explore data

Point

Layer

Select a renewable

Solar



Enter location or click on the map

30.68

-37.73

Get data



CHOOSE THE AREA GLOBALLY AND GET TO KNOW ABOUT THEIR RENEWABLE PROJECTS

2000 km



About

The Renewable spot for Renewable energy is an online platform intended to help users - policymakers and investors - to find renewable energy resources maps for locations across the world.

The Renewable spot stems from an initiative coordinated by IRENA and aimed at closing the gap between countries that have access to the necessary data and expertise to evaluate the potential for renewable energy deployment in their countries and those that lack these elements.

The initiative has brought together more than 50 highly skilled international research institutions to share over 2000 renewable energy maps on this single and consistent platform covering solar, wind, bioenergy, geothermal and marine energy

This platform provides you information regarding many of the renewable energy projects taking place all around the world.

Reach out to the renewable spot at IRENA to contribute data, expertise, or to promote the Renewable spot initiative.

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Updates

RenewableSpot

The Renewable Spot of Renewable Energy version 4.1 now incorporates additional renewable resources and ancillary datasets, including:

- Long-term annual and monthly average solar data by Meteotest.
- Pumped Hydro Energy Storage data developed by the Australian National University (ANU).
- Global Agro-Ecological Zoning version 4 provided by the Food and Agriculture Organization (FAO).
- Additional information concerning tidal velocity occurrences contributed by NOVELTIS.
- The Global Water Risk Atlas from the World Resource Institute (WRI).

In addition, Renewable Spot for Renewable Energy v.4.1 introduces some enhanced features to improve user experience:

- A multi-point information picker that facilitates data retrieval from multiple locations on a map.
- Significant improvements to the point query functionality that allows users to extract renewable data with graphical representations at specific locations on a map.
- Descriptive statistics for annual and monthly solar and wind datasets, presented at the country level.
- The capability to download historical meteorological re-analysis data, including ERA5 from the National Aeronautics and Space Administration (NASA), and MERRA 2 from the European Centre for Medium-Range Weather Forecasts (ECMWF).
- Zones of opportunities for investment in the development of utility-scale solar PV and onshore wind projects.

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In a few words, tell us what your feedback is about

- Select a reason - 

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