

Solar Energy South Africa

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Overview

What is Solargis data?

Solargis data is available for past, present, and future periods and is updated in real time. We can meet your energy assessment needs from project conception to routine daily management. Our team has more than 20 years of experience in solar resource assessment and PV energy modeling.

How reliable is Solargis?

Our team has more than 20 years of experience in solar resource assessment and PV energy modeling. Multiple independent studies have confirmed Solargis to be the most reliable solar database. Quality of our data can be transparently verified at any location. Our methodologies are peer-reviewed and published.

What can Solargis do for You?

Discover Solargis' solutions for all stages of the solar power plant lifecycle. From site selection and yield simulation to designing, monitoring, and forecasting, our software and data ensure you get the right insights. Scan and compare tens or even hundreds of potential sites. Get an in-depth analysis of those with the highest solar potential.

What is high-resolution Solargis data?

High-resolution data (250 m spatial resolution and 1-min or 15-min temporal resolution) better represents typical and extreme weather and improve the accuracy of solar energy simulations. Solargis data has been validated at more than 1500 public and commercial locations globally, and the model validation is systematically expanding.

Why did we choose Solargis?

“We chose Solargis mainly because independent comparisons showed Solargis to

be the most accurate irradiation database. We also performed comparisons with our own measurements and saw that claims of Solargis were indeed true”

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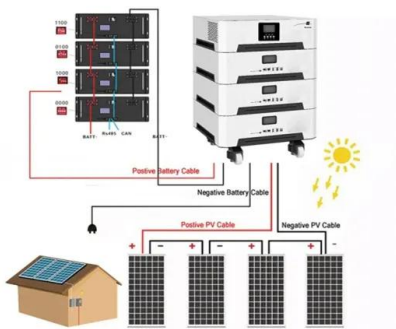


Solargis API integrations

Solargis makes its data available to third-party applications via a wide range of API and SFTP integrations. Get automated and continuous access to solar, meteo, and environmental parameters for feasibility analysis, solar resource assessment, performance evaluation, ground measurement benchmarking, PV production forecasts, and more.

Solar resource maps & GIS data for 200+ countries , Solargis

Solar Resource & Meteo Assessment Site
 Adaptation of Solargis Models Quality Control of Solar & Meteo Measurements Customized GIS Data PV Energy Yield Assessment PV Performance Assessment PV Variability & Storage Optimization Study ...



Encuentre la ubicación adecuada para su proyecto ...

En Solargis, hemos apoyado una década de crecimiento en el sector solar, y seguimos apoyándolo en su transición hacia una nueva fase de desarrollo y explotación posterior a las subvenciones. Reducir el riesgo en este panorama ...

Solar resource maps & GIS

data for 200+ countries , Solargis

We also request you to provide a backlink to <https://solargis> website when appropriate. Direct Normal Irradiation Medium Size. English PNG, 1.5 MB. Poster Map. English TIF, 42.7 MB. Global Horizontal Irradiation Medium Size. English PNG, 1.5 MB. Poster Map. English TIF, 40.3 MB. Photovoltaic Electricity Potential



Solar resource maps & GIS data for 200+ countries , Solargis

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Solar resource maps & GIS data for 200+ countries , Solargis

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Solar & weather data FTPS API / Overview , Solargis

Solargis SFTP service regularly provides the recent solar radiation, meteorological and PVOUT



parameters, thus delivering independent data for evaluation of your solar power plants performance. This service provides most comprehensive set of input parameters. Resulting data are accessible via standard SFTP apps or all processes can be fully

Solar PV Analysis of Bamako, Mali

Bamako, Mali (coordinates 12.6542 latitude, -7.9989 longitude) is a prime location for solar photovoltaic (PV) power generation owing to its consistent sunlight exposure all year round and clear demarcation between wet and dry seasons.

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Solar resource maps & GIS data for 200+ countries

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Solar resource maps & GIS data for 200+ countries

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Solar resource maps & GIS data for 200+ countries , Solargis

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[Solargis News , Solargis Blog](#)

This innovative Solargis Monthly Report enables portfolio managers and PV site operators to optimize operations and deliver clear insights to board members, senior management teams and C-suite decision makers about the performance of their PV projects.

Services

The Site Adaptation of Solargis Models service will give you locally enhanced solar and meteo parameters, enabling you to reduce uncertainty of power plant design and energy yield simulations. Explore. Quality Control of Solar & Meteo Measurements.



Solar resource maps & GIS data for 200+ countries , Solargis

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Solar resource maps & GIS data for 200+ countries , Solargis

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[Global Solar Atlas](#)

Specifically for Mali, country factsheet has been elaborated, including the information on solar resource and PV power potential country

statistics, seasonal electricity generation variations, LCOE estimates and cross-correlation with ...



Solargis blog , Leading insights on solar energy

This innovative Solargis Monthly Report enables portfolio managers and PV site operators to optimize operations and deliver clear insights to board members, senior management teams and C-suite decision makers about the performance of their PV projects. Read More. Best practices.



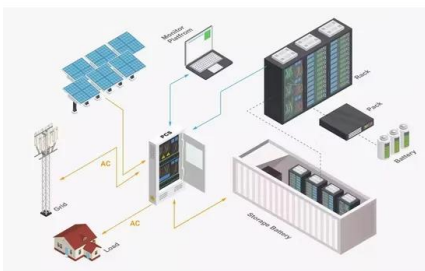
Solar resource maps & GIS data for 200+ countries , Solargis

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Solar resource maps & GIS data for 200+ countries , Solargis

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MB. Poster Map. English TIF, 18.1 MB. Global Horizontal Irradiation Medium Size. English PNG, 1.2 MB. Poster Map. English TIF, 17.3 MB. Photovoltaic Electricity Potential



[Transitioning to Prospect app](#)

The new Prospect app (apps.solargis) combines features of iMaps and pvPlanner (available via solargis), and introduces several new features. We will be retiring iMaps and pvPlanner in a phased manner over the next 15 months. Below

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Solar resource maps & GIS data for 200+ countries , Solargis

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Solar resource maps & GIS data for 200+ countries

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