

High quality and detailed poster-size maps (format B1 to A0) for solar energy. Maps of **Global Horizontal Irradiation, Direct Normal Irradiation, Photovoltaic Electricity Potential, and Air Temperature** - for most countries or regions in Europe, Africa and Asia. These maps represent a unique cartographic information useful as a working tool for any solar energy company.

features	<ul style="list-style-type: none"> <i>Solar radiation calculated from Meteosat satellite data, covering years 1994 to 2010</i> <i>Air temperature calculated from ECMWF and GFS data</i> <i>High resolution of the data (spatial unit of 250 m x 250 m) calculated by new algorithms and detailed Digital Elevation Model</i> <i>Enhanced colour legend shows spatial details</i> <i>Professional cartographic quality, good readability, with detailed support topographical information (city shapes, road network, administrative boundaries)</i> <i>Supplemental information available in the form of smaller maps if requested</i> <i>Explanatory text informing how to interpret the map content</i>
benefits	<ul style="list-style-type: none"> <i>Ideal tool for pre-feasibility studies and preliminary site qualification</i> <i>English version, other language versions on the request</i> <i>Fast access to the information, working tool saving time and money</i> <i>Low investment with high added value</i> <i>This information package is first to be seen in such level of detail and information content</i> <i>Maps are complementary to the SolarGIS interactive system iMaps</i>

MAP1 GHI Global horizontal irradiation

Reference information on solar resource for preliminary decisions related to solar energy technologies
Supported by terrain map on the request
Data validated using high-accuracy ground measurements

MAP2 DNI Direct normal irradiation

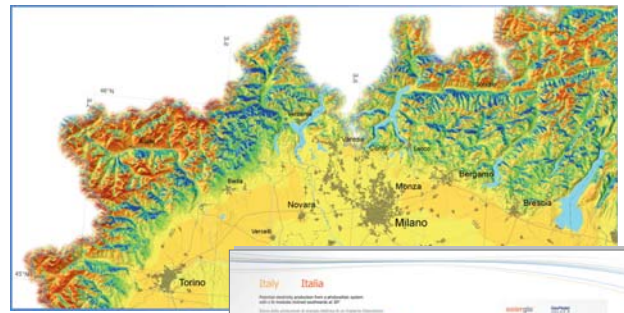
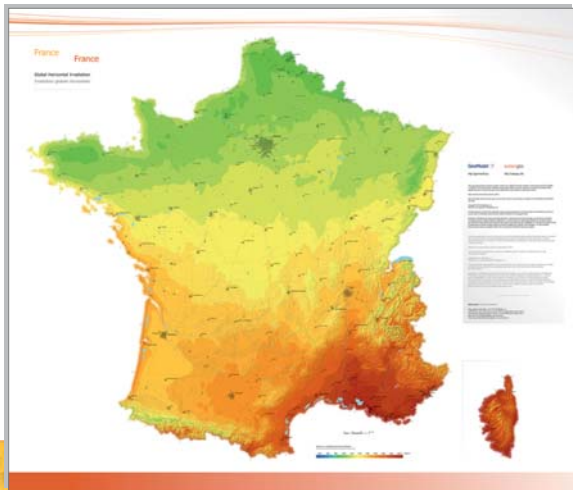
Reference document for preliminary decisions about sitting of CSP and CPV technologies
Supported by terrain map on the request
Data validated using high-accuracy ground measurements

MAP3 PV Solar resource and photovoltaic potential

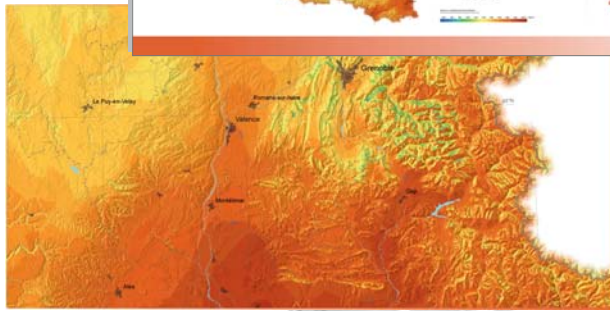
PV power potential assuming c-Si, a-Si, CdTe or CIS/CIGS technologies for fixed plane close to optimum
Solar resource and air temperature data as supplemental maps on the request

MAP4 TEMP Air temperature

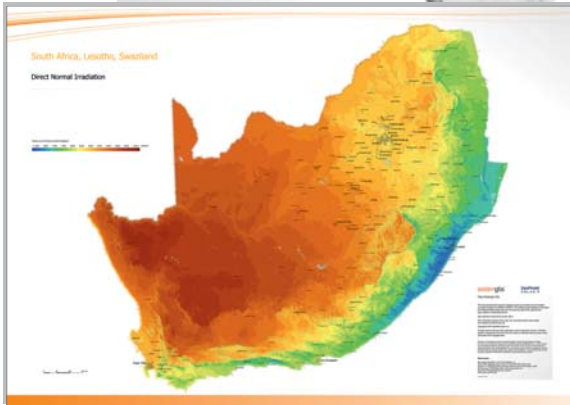
Cartographic representation of the unique high resolution database – first time on the market
Comprehensive and detailed information about yearly temperature average, and average temperature in the coldest and hottest months
Important information for the performance assessment of solar energy technologies



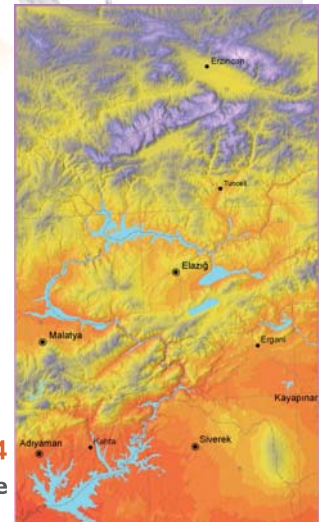
MAP 3
Solar resource
and photovoltaic potential



MAP 1
Global horizontal irradiation



MAP 2
Direct normal irradiation



MAP 4
Air temperature

