

GeoModel Solar Launches New Generation Online Tools for Solar Site Prospecting and Bankable Photovoltaic Yield Assessment

From now planning of solar power plants and photovoltaic systems in the Middle East and North Africa is easy, fast and accurate as never before.

Abu Dhabi, January 17, 2012 /PRNewswire/--

GeoModel Solar, a leading international provider of solar resource data, innovative photovoltaic simulation tools and expert consultancy, launched, at the occasion of World Future Energy Summit in Abu Dhabi, a new generation solar software - iMaps and pvPlanner - delivering new industry standards.

"iMaps and pvPlanner as a part of SolarGIS online system integrate the best-available solar resource database, covering continuous history of 17 years, with the latest scientific knowledge and best practices in solar and photovoltaic simulation", said Marcel Suri, Managing Director of GeoModel Solar.

Project developers can quickly and easily identify sites with high insolation, to maximise electricity production and economic profitability of solar energy projects. Engineers, installers, financiers, policy-makers and wider community can access this state-of-the-art software suite from the web-based platform <http://solargis.info>.

"SolarGIS iMaps provides access to key solar resource parameters with a spatial detail of 250 meters, thus allowing for accurate data query, sites selection and comparison, and informed decision making about the best position for a prospective photovoltaic, concentrated photovoltaic or concentrated solar power project", Suri said. iMaps offer also unlimited access to the relevant site-specific climate and geographic data required for prefeasibility studies, supported by the data reports and high-resolution interactive maps. Once a site is selected, photovoltaic electricity yield can be interactively estimated by pvPlanner.

SolarGIS pvPlanner simulates long-term electricity production of photovoltaic projects ranging from large open-space power plants to roof-top systems and rural electrification projects. For small and medium-size photovoltaic systems, pvPlanner reports are bankable as they benefit from validated insolation resource data, state-of-the-art knowledge and best practices in energy simulation learned in previous projects, such as the EU initiative PVGIS.

ABOUT GEOMODEL SOLAR

GeoModel Solar, based in Bratislava, Slovakia, is known as a developer and operator of the most accurate solar resource database - SolarGIS. The company aims to increase efficiency and reduce uncertainty in developing and operating of solar energy projects by delivering innovative data and software services supporting industry in pre-feasibility, design, monitoring and forecast of solar power generation. For more information, visit <http://geomodelsolar.eu>

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