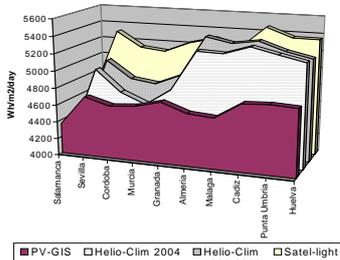


MESOR



Sample of a comparative analysis of different data sources (Source: Enecolo AG)

MESoR – MANAGEMENT AND EXPLOITATION OF SOLAR RESOURCE KNOWLEDGE

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There are various source for solar radiation data (e.g. Meteonorm, PVGIS, Satel-light, SOLEMI, Helio-clim) all having different regional and temporal coverage, resolutions and are based on different methods (from satellite and ground measurements). Additionally each source has its own way of accessing it. The users comparing information from different data sources for the requested sites may end up with uncertainty that is difficult to deal with. MESoR intends to guide the users in selecting data sources and to ease access to the data.

Objectives of MESoR

Guidance

- Improved comparability of data source through standardised benchmarking procedures
- Development of a guide of best practice for the use of solar resource knowledge

Unifying Access

- Ease access to the data
- Develop a broker middleware which connects data providers to users
- Provide a sample user interface

Connecting

- Connect solar resource knowledge to other relevant activities and communities (e.g. health,
- Connect to EU initiative INSPIRE (Infrastructure for Spatial Information in Europe)
- Connect to GEOSS (Global Earth Observation System of Systems)
- Connect IEA Implementing Agreements (Solar Heating and Cooling, SolarPaces, Photovoltaic Power Systems)

Stakeholder Involvement

- Survey of stakeholder need
- User workshops
- Training material

MESoR Partners are:



Available Deliverables

Report on benchmarking of radiation products

- Description of benchmarking measures and rules
- Results of the benchmarking exercises

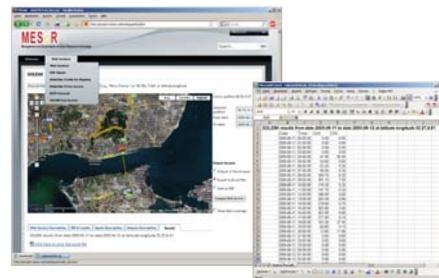
Handbook on best practices regarding the use of solar radiation information

- Compilation of best practice samples

Roadmaps for further research, services and Earth Observation systems

Final version of the prototype for unifying access

- accessible at <http://project.mesor.net>



Concept and manual for a seminar "Using solar resource knowledge"

- Seminar concept
- Presentation slides

Recommendations for further actions

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