

Workshop Agenda

Heliosat-3: Increasing Solar Energy Value with Satellites

Outcome of the European Heliosat-3 Project

Fraunhofer Institute for Solar Energy Systems, Freiburg, Germany
23 February 2005

9:30 – 9:50 Reception

General session

9:50 Welcome and Introduction

10:00 Opening

(Prof. Joachim Luther, Fraunhofer Institute for Solar Energy Systems)

10:15 Satellite Data and its Use for Solar Energy Applications

(Dr. Antoine Zelenka, MeteoSwiss)

11:00 *Coffee break*

11:30 Introduction to the Heliosat-3 project: Science, results and products.

(Jethro Betcke, Oldenburg University)

Implementation session

12:00 Implementation and commercialisation of the Heliosat-3 results in the ENVISOLAR project

(Marion Schroedter-Homscheidt, German Aerospace Centre DLR)

12:30 *Lunch*

14:00 Climatological data derived from satellites

(Prof. Lucien Wald, Ecole des Mines de Paris / Armines)

Applications Session

14:30 Solar irradiance data in architecture: Optimisation of daylight use.

(Dr. Dominique Dumortier, Ecole Nationale des Travaux Publics de l'Etat)

15:00 Solar irradiance data and quality control of grid connected PV

(Gerd Heilscher, Meteocontrol GmbH)

15:40 *Coffee break*

16:00 Solar thermal power plants

(Carsten Hoyer, German Aerospace Centre DLR)

16:30 Application in climate research

(Dr. Richard Mueller, German Weather Service DWD)

17:00 Outlook and opportunities

(Dr Detlev Heinemann, Oldenburg University)

17:15 Open Discussion: Needs of the Solar Energy Industry

18:00 End