

Meeting #4 – Products Session

July 4th 2012

Chairperson: Marco Morelli, Flyby S.r.l.



ENDORSE (Energy DOWNstReam SERVICES)

Providing energy components for GMES

Meeting #4 ENDORSE – Wessling, Germany



Products Session

- Status of each product, encountered problems or delays
- Exchange of practices on validation and scientific validation plan
- Exchange and share of expertise on the use of Core products
- Exchange and share of expertise on the interactions with Core services
- Feedbacks

ENDORSE Products

Service code and short title	Service title	Prime-users and test area
S1: "Local Atlas Generation"	Generation of local atlases for decision-support in solar energy policy planning and private investment	General Council of the Alpes-Maritimes Department ADEME PACA Cluster Capenergies Total SA
S2: "Design CSPS"	Design and performances analyses of concentrating solar power systems	Enel Green Power SpA Test area: Sicily, Italy;
S3: "Irradiance forecasts"	Irradiance forecasts for electricity production (<i>existing service</i>)	Solar Millennium AG Test area: Andalusia, Spain; Baden-Württemberg. Germany
S4: "TMY"	Generation of highly spatially-resolved typical meteorological year (TMY) data sets for the design and the performance assessment of complex solar energy based systems for electricity production	Total SA Test area: Provence, France
S5: "CSP-GIS"	CSP-GIS. A Web-based GIS for concentrating solar systems	Kernenergien Test area: Morocco
W1: "Wind AEO"	Generation of annual energy output (AEO) for decision-support in on-shore wind energy policy planning and private investment	SPE Luminus Test area: to be defined on an <i>ad hoc</i> basis, e.g., Flanders
E1: "Load Balancing"	Load balancing within electricity distribution grids enabling high penetration of photovoltaic power systems	SWU Netz GmbH, SWU Energie GmbH Test area: Ulm area, Germany
B1 "Mapping biomass potential"	Mapping biomass for potential forested areas	Landesforstanstalt Eberswalde Test area: Brandenburg. Germany
B2 "Certification of sustainable bioenergy use"	Definition and development of a service for certifying the sustainable production of bioenergy products	Deutsche Biomasse Forschungs Zentrum Test area: regions in Europe
D1 "Lighting energy savings"	Computation of the annual lighting energy savings resulting from the control of blinds and artificial lights by daylight, for building design and retrofit, energy regulation policy planning, and private investment	ESTIA SA Test area: Nantes, France

Agenda

9.00 – 10.30

- S1 product (WP 401)
Philippe Blanc, Armines
- S4 product (WP 404)
Philippe Blanc, Armines
- S3 product (WP 403)
Marion Schroedter-Homscheidt, DLR
- S5 product (WP 405)
Thomas Wanderer, DLR
- W1 product (WP 406)
Nicolaz Guidon, 3E
- E1 product (WP 407)
Holger Ruf, HS Ulm
- B1 product (WP 408)
Markus Tum, DLR
- B2 product (WP 409)
Kurt Guenther, DLR
- D1 product (WP 410)
Dominique Dumortier, ENTPE
- S2 product (WP 402)
Marco Morelli, Flyby