

PROJECT ENDORSE
MINUTES OF THE MEETING #5 (5 – 6 March 2013)

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Dissemination: all participants and the Project Officer

Sophie Jacques welcome the participants on behalf of 3E hosting this meeting.

The agenda is presented by Lucien Wald.

Session “Science”.

Chairperson: Sebastiano Serpico

1. “First results about cloud indicators for low voltage analyses” by Holger Ruf

2. “Monthly statistics of air temperature estimates over PACA” by Sebastiano Serpico

Several partners expressed interests in such estimates of surface air temperature for applications in wind energy, solar energy, ventilation in buildings. Other applications exist. It would be nice to have it as a service covering Europe and providing daily values. This is not possible in the framework of ENDORSE. However, Unige may do an effort within WP 601 to qualify its estimates against high resolution meteorological analyses over PACA on the one hand, and WMO measurements outside the training region on the other hand.

ACTION (M5-6-1)

WP 601 - Unige should provide to 3E and Armines the sites and periods of measurements suitable to qualify its air temperature product. Deadline: **2013-03-31**

ACTION (M5-6-2)

WP 601 – If possible, 3E and Armines will supply Unige with high resolution analyses or WMO measurements. Deadline: **2013-04-30**

ACTION (M5-6-3)

WP 601 – If possible, Unige will show the results of the qualification. Deadline: **2013-07-04**

Discussion on the week and venue of the next meeting

Several weeks were proposed. The INTERSOLAR week was considered as too expensive because of hotel costs. The week after is the ICEM (Int. Conf on Energy Meteorology) with attendance from several partners and many absences for other reasons of others. The week 8-12 has less support than the week 1-5 July. Savona was selected as the venue. Other offers were Ipsra, Ulm and Wessling.

PROPOSAL

WP 101. 6th Technical meeting and general assembly to be held in Savona, Th 4 – Fr 5 July 2013.

Session “services”. Chairperson: Lucien Wald

WP 601 (S1). The service is fairly well defined. Interactions with

customers are clear. The service will be illustrated for an area close to Nice with a 5 m resolution. Should be finished by the end of April. What has been done by Armines for the product cannot be replicated in an easy way. The need for at least one year of appropriate measurements is a major obstacle. Transvalor decided that the basic service is an atlas made from MACC-HelioClim-3 at high resolution (1 km). Several options are possible, such as better resolution, or calibration with ground measurements. Testers have been identified. The service is not an on-line service. Tests can be made on PACA or Nice area or others. No delay foreseen.

WP 602 (S2). Two on-line services are now available: controller and planner. They cover Italy. Testers have been identified. No delay foreseen.

WP 603 (S3). Service is made by Flagsol. Interactions with users and tests are under the control of Flagsol. DLR to make a demo in the web site WDC at DLR. No delay foreseen.

WP 604 (S4). The service is well defined. Interactions with customers are clear. Transvalor provided examples of use of TMY in commercial software. Testers have been identified. The service is not an on-line service. No delay foreseen.

WP 605 (S5). Service is an on-line service and is almost finished. A few issues on the processing of raster data have to be solved in March. Service will be demonstrated within a Web conference organised by DLR in the beginning of April.

WP 606 (W1). The service is fully automated and is an on-line service. A demo was made. Testers have been identified. Tests have begun (WP 5). No delay foreseen.

WP 607 (E1). Further developments are necessary, especially in measurements. Testers have been identified. HSUlm admitted that it may be difficult to transfer tools to other users. No delay foreseen.

WP 608 (B1). Once the request made by the user to DLR, the processing is fully automated till the generation of maps which are then scrutinized. The assessment (WP 5) is on-going by two institutes. No delay foreseen.

WP 609 (B2). All MERIS data have been stored at DLR. This eases the execution of the service and speeds it up. Processing is automated. Results are scrutinized by experts before delivery. Testers have been identified. No delay foreseen.

WP 610 (D1). The on-line service computes indoor daylight availability and lighting energy consumption resulting from the

ACTION (M5-6-4)

Elena Gaboardi to make a request to Marion Schroedter-Homscheidt for organising feedback from Flagsol to WP5 and WP8. Deadline:

2013-03-15

control of light and blinds. ESTIA is the preferred target for purchasing the tools which may replace its ageing DIAL software. Availability of service may be delayed till mid-April. Assessment will take place with 20 users and assessment will be delivered to iCons mid-May.

Session “WP9: Dissemination”. Chairperson: Claire Thomas
Claire Thomas presented the achievements in dissemination and showed the material available in the Web. Planned events and publications are listed. The outcomes from WP 3 that are candidate to become a Web service are listed.

Transvalor raised the issue of the burden on computers that may arise from a large number of access to the web processing service (WPS) implementing the solar geometry 2 library (from WP 3).

Transvalor suggested that the air temperature product made by Unige could be delivered in the form of time-series of hourly values for PACA for 2009 via a WPS.

Transvalor suggested to better use the ENDORSE Web site to prepare assessments of services (WP 5). The rationale is that having detailed description on each services, the science behind, how it works, the interfaces... will avoid many similar questions from the testers and will help them.

Transvalor proposed to display a Google map (kmz) showing the location of the ENDORSE test areas.

The Consortium welcomed Raffaella Moreschi (iCons).

Session “users”. First part. WP 5. Chairperson: Elena Gaboardi
iCons presented the achievements of the past period.
The questionnaires for the service assessment have been developed for each service.

ACTION (M5-9-1)

Armines and Transvalor to agree on the access to the WPS SG2 to avoid bottleneck. Deadline: **2013-04-15**

ACTION (M5-9-2)

Transvalor and Unige to agree on a schedule and method for having an “air temperature” WPS. Deadline: **2013-03-30**

ACTION (M5-9-3)

Transvalor to ask to all providers these details on service. Deadline: **2013-04-15**

ACTION (M5-9-4)

Transvalor to make the map. Deadline: **2013-04-15**

ACTION (M5-5-1)

iCons to update the list of users in the extended panel. Deadline: **2013-03-15**

ACTION (M5-5-2)

iCons to submit the questionnaire to each service provider. Deadline: **2013-03-14**

ACTION (M5-5-3)

Each service provider to approve / revise the

questionnaire to each service provider. Deadline: **2013-03-22**

Session “users”. Second part. WP 7. Chairperson: Claire Thomas
Claire Thomas presented the achievements of the past period and the outcomes from the organised workshops. Details on the workshop organised within the INTERSOLAR 2013 event are discussed. This workshop deals with S1, S2, S4, S5 and E1.

Session “users”. Third part. WP 8. Chairperson: Elena Gaboardi
iCons presented the achievements of the past period. The methodology adopted in WP 8 has been designed in 2012, then discussed and revised with the Advisory Board. The questionnaires have been developed for each service.

ACTION (M5-8-1)
iCons to submit the questionnaire to each service provider. Deadline: **2013-03-14**

ACTION (M5-8-2)
Each service provider to approve / revise the questionnaire to each service provider. Deadline: **2013-03-29**