



## **THERMOVALORISATIONS Project**

### **Leonardo Da Vinci Partnership**

#### **MEETING REPORT**

#### **4<sup>th</sup> SEMINAR, PISO, Tienen, Flemish Belgium (18 to 20<sup>th</sup> January 2011)**

#### **Attendees :**

From Flemish Belgium : Staff : Wim Geuvens (delegation leader), Rudi Laermans, Yvo Van den Bulck, Elsen Jurgen, Yvo Verjans, Patrick Ampe, Ludwig Cardon, Greet Deruyter,  
From Flemish Belgium : Students : Matthias Ceulemans, Suphot Kongprap, Patrik Krok, Nick Van Aeken, Jelle Vanderberg, Staf Vanduffel.  
From Bulgaria : Staff : Radostina Petrova (delegation leader), Petar Stefanov Kostov, Koycho Tonchev Atanasov  
From Bulgaria : Students : Ivan Georgiev Dimitrov, Asen Todorov Todorov, Ivan Antonov Petrov  
From Finland : Staff : Ulla Pantsar (delegation leader), Markku Ollinen, Juha Solkio  
From Finland : Students : Sari Alasentie, Timo Kankainen, Eetu Mononen, Mikko Mäkinen, Niko Pietikäinen, Okko Tiainen  
From France : Staff : Jean-Rémy Filtz, Etienne Bascou, Nathalie Lavaurs, Elian Coment, Stéphane Palaprat, Jocelyne Blaser, Sébastien Chevet, Marie-Christine Osmont, Patrick Nicolas, Jean-Philippe Marquié (delegation leader)  
From France (students) : Matthew Allen, Nicolas Castillon, Kévin Combes, Quentin Garnier

**Thanks :** PISO's school Head, Wim Geuvens, Ludwig Cardon, Patrick Ampe, and all the Flemish Belgium staff.

Mrs Jiroflée, Headquarter of the province Flemish-Brabant, Johan Nijs, CO of Photovoltech in Tienen, CO of Sugar factory in Tienen.

**These minutes and the associated PowerPoint presentations will be available on the following website page in the group password protected area**

<http://wiki.lamk.fi/display/THERMOVAL/Home>

Structure according to Leonardo application file p. 42/48

#### **Objectives of the meeting :**

It was the fourth mobility of the project. The main objective beyond general presentations was to debrief and compare on the EPD + IR made in Souillac, France. The second objective planned was that all delegations make an EPD with the Infrared camera on a Belgian building already built (in Oplinder) with comparison and analysis of the inputs and outputs used and produced by each delegation. The last objective was to propose actions for the next and last seminar in France.

**1) Reviewing the actions :**

According to the previous meeting report (3<sup>rd</sup> seminar, Souillac, France, November 2010) :

**Partners presentations :**

Presentation of solar cells by Johan Nijs, CO of Photovoltech.

Particular point of view : Presentation of the THERMOVALorisation project in Tienen by Ivo Verjans, CO of 2BSAFE.

Presentation by Prof.ir. Patrick Ampe about EPD.

All partners have uploaded the main presentations on the dedicated website.

This action has to be completed (action partly completed 70 %).

**Policies on low energy buildings :**

Work done is not in agreement with the time-schedule. So it is asked to the different partners to urgently provide a synthesis relatively to the national/regional policy of each country.

As mentioned, page 45/48 a “Comparative document about national or regional conception and realization of the process on low energy buildings (even positive buildings)” is an expected result (number 2) for November 2009 (partly achieved 25 %).

The coordinator proposes here this link :

[http://ec.europa.eu/energy/efficiency/buildings/buildings\\_en.htm](http://ec.europa.eu/energy/efficiency/buildings/buildings_en.htm)

He will propose to all the delegation leaders to resume their national policies on low energy buildings.

**National policies and comparative study analysis :**

All the national policies have been presented in detail (action fully completed 100 %).

**Low energy buildings :**

All the delegations made an EPD + IR in the Oplinder house, in Flemish Belgium, except Bulgaria. For this country, only an EPD test without IR camera was made.

Comparison elements have been produced (Data Capture for EPD : Inputs, Help Infrared Camera Landmarks, Outputs and complete Lexicon).

We arrive to four Labels for four countries : Energy and Climate Etiquettes. It was the first time. The coordinator said in Ghent University “congratulations !”.

The objective is all delegations fully characterise a practical case (flat or house, one and same building already built) and produce the results analysis : Inputs, Outputs, Energy and Climate Etiquettes) (action partly completed 100 %).

**For the next and last mobility in Rodez, France, we propose to perform a virtual EPD without IR camera, with each delegation’s national software and WITH THE MAXIMUM SAME INPUT DATA.**

**We still consider all the national softwares as “black boxes”.**

**We will obtain and explain differences in outputs.**

**Results and comparison with our Help Data Capture file will be discussed during the next seminar in a workshop.**

**Evaluation of the last seminar in Souillac, France :**

All the different items were assessed and evaluated at the end of the seminar by all the partners. Therefore the evaluation has been fully completed and results have been reported. Proposal for the seminar in Flemish Belgium has been produced by the French delegation (action fully completed 100 %).

**2) Common framework for a EPD+IR test :**

As mentioned, page 45/48 a “Common framework for one EPD test” was an expected result (number 1) for November 2009, so we are late.

**It is proposed to organise a synthesis workshop on this topic during the next seminar in Rodez, France. Each delegation is asked to prepare a proposal.**

**We accept national operating mode process description on how to perform an EPD+IR test. But can we obtain a common European operating mode ? (or part of it ?)**

**3) EPD operator career :**

During the next seminar, Mr Etienne Bascou from France, Toulouse, Rectorat, CAFOC exposed a complete and very interesting presentation “Toward a European vocational trainee curriculum for EPD”.

Mr Elsen Jurgen from PISO, Tienen, also proposed a very interesting presentation : “How to become a EPD diagnostician ?” (but EPD without IR) with two training centres : Vinçotte Academy and Syntra.

**It is proposed to have a workshop focused on skills for the synthesis and the preparation of a common document (supported by GRETA Quercy Rouergue, CAPEB and CAFOC in France) dealing with the objectives and landmarks for a training to the EPD+IR operator career.**

**The Finnish and Bulgarian delegations are asked to prepare additional proposals.**

**4) Self-assessment process presentation and plan for the partnership :**

PISO in Tienen hosting this fourth seminar presented in detail the self-assessment process.

**5) Evaluation and self-assessment of the fourth stage and continuing plan for the project :**

All the different items were evaluated at the end of the seminar by all the partners. Recently, Marie-Christine Osmont sent a synthesis (made by Carole Laur from Greta), to the different delegation leaders (action fully completed : 100%).

**6) Continuation of the project :**

The coordinator is preparing the French general conclusions about this LEONARDO DA VINCI Partnership Project. He is also preparing the general evaluation of this project.

He will ask : Do you want to continue this project ? Towards **THERMOVALORISATION 2** ?

He will expose a few possibilities in terms of LEONARDO Transfer of Innovation or Comenius Regio.

Next and last Meeting :

Place : Lycée Alexis MONTEIL, Rodez, France

Date : Week 19, between Monday 9<sup>th</sup> and Friday 13<sup>th</sup> 2011 (3 days).

Jean-Philippe Marquié  
Coordinator of the project  
March 2011