

## COST C23 WG1 Notes of meetings on 19 and 20 June 2006 Trondheim

Present:

Rossano Albatici (IT)	Petros Lapithis (CY)
Fernando Alves (PT)	Werner Lang (DE)
Demetri Bouris (GR)	Gerald Leindecker (AT)
Luis Brangança (PT)	Jørgen Munch-Andersen (DK)
Vincent Buhagiar (MT)	Fernando Rodriguez (ES)
Torben Dahl (DK)	Geralt Siebert (DE)
Marc Frère (BE)	Veronique Stein (CH)
Phil Jones (UK)	Chris Tweed (UK)
Aleksandra Krstic-Furundzic (CS)	

Apologies:

Øyvind Aschehoug (NO)  
Christopher Koroneos (GR)  
Pekka Lahti (FI)  
Marjana Sijanec Zavrl (SI)  
René Wansdronek (NL)

### Task 1.1—national responses to EPBD

The WG Chair presented the template for collecting information to describe the following:

Structures—authoring and legislative structures, implementation, monitoring and enforcement.

Processes—the processes supported by the structures

Content—what the legislation actually requires.

Other measures—tax incentives, subsidies, grants, etc.

The Chair agreed to circulate a template to be used to order the information collected in each member state and to also prepare and circulate an example based on the UK response to the EPBD.

### Task 1.2—case studies

The presentation of cases studies followed the schedule agreed beforehand in that members of the working group presented 'candidate' cases in the plenary session shared with WG2. This was followed by more detailed presentations of selected cases from the meeting in Porto.

The candidate cases presented in the plenary session were:

1. FOREM Education Centre, Mons, Belgium—Marc Frère (BE).
2. Heat supply to low energy dwellings in district heating areas in Norway—Marit Thyholt (NO).
3. Sustainable edification tool and its application in Spain—Fernando Rodriguez (ES).
4. Bioclimatic simulation in virtual scenario, Matosinhos South Area, Portugal—Fernando Alves (PT).
5. Environmental Design in Maltese Contemporary Architecture—Vincent Bughair (MT).

The following have been developed and were presented within WG1 as full case studies:

1. Refurbishment of a family home in Bavaria, Germany—Werner Lang (DE).
2. The Vieider House, Valdaora di Sopra—Rossano Albatici (IT).

3. Improving insulation of concrete sandwich panel buildings in Denmark— Jørgen Munch-Andersen (DK)

Copies of presentations are available on the C23 Action web site (<http://www.lcube.eu.com/>), though this requires a password.

The WG1 meeting on 20 June finished with a presentation by Jørgen Munch-Andersen (DK) on how the Action might make comparisons of achieved reductions in carbon emissions across a wide range of different types of cases. This led to a general discussion about the physics of heating and cooling and the efficiencies experienced in practice for these two modes of space conditioning. It was agreed that some fundamentals of the physics needed to be confirmed for the next meeting.

## Summary of next steps

### Task 1.1:

Chris will circulate a template for collecting information for this task

Chris will develop and circulate an example based on the UK response to EPBD

### Task 1.2:

Action members (in either working group) are encouraged to gather preliminary information to propose further cases for WG1. There will be time allocated on the agenda for the next meeting to allow further presentations. WG1 presentations from countries that have not previously been discussed would be particularly welcome.

The WG Chair and the Chair of the Action will select additional cases for presentation at the next meeting in Trento.

Chris Tweed, 29 September 2006