

COST C23 WG1 Notes of meetings on 13 and 14 October 2005 Cardiff University

Present:

Rossano Alabtici (IT) Demetri Bouris (GR) Marc Frere (BE) Phil Jones (UK) Pekka Lahti (FI)	Werner Lang (DE) Jørgen Munch-Andersen (DK) Geralt Siebert (DE) Chris Tweed (UK)
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Apologies:

Torben Dahl (DK)
Gerald Leindecker (AT)
René Wansdronk (NL)
Marjana Sijanec Zavrl (SI)

Membership

The meetings of WG1 began on the first day with a discussion about its membership. It was suggested that a further member might join this group from the University of Munich. This is not yet a definite proposal.

Outputs and deliverables

The meeting discussed the desired outputs and deliverables from WG1 and agreed that these will consist of three main elements:

1. a summary of performance criteria used or under development in member states designed to achieve the objectives of the Energy Performance Building Directive (EPBD) and other low carbon policies;
2. a collection of case studies that will provide technical details of a range of low carbon strategies and actions, including, but not restricted to, different buildings; and
3. guidelines derived from the analysis of cases using the thematic aspects described in the MoU and which will inform future policy formulation.

As a convenient shorthand it was proposed that the first task would subsequently be referred to as Task 1.1 and the collation of case studies would be referred to as Task 1.2. The relationship between outputs 2 and 3 are illustrated in figure 1 below.

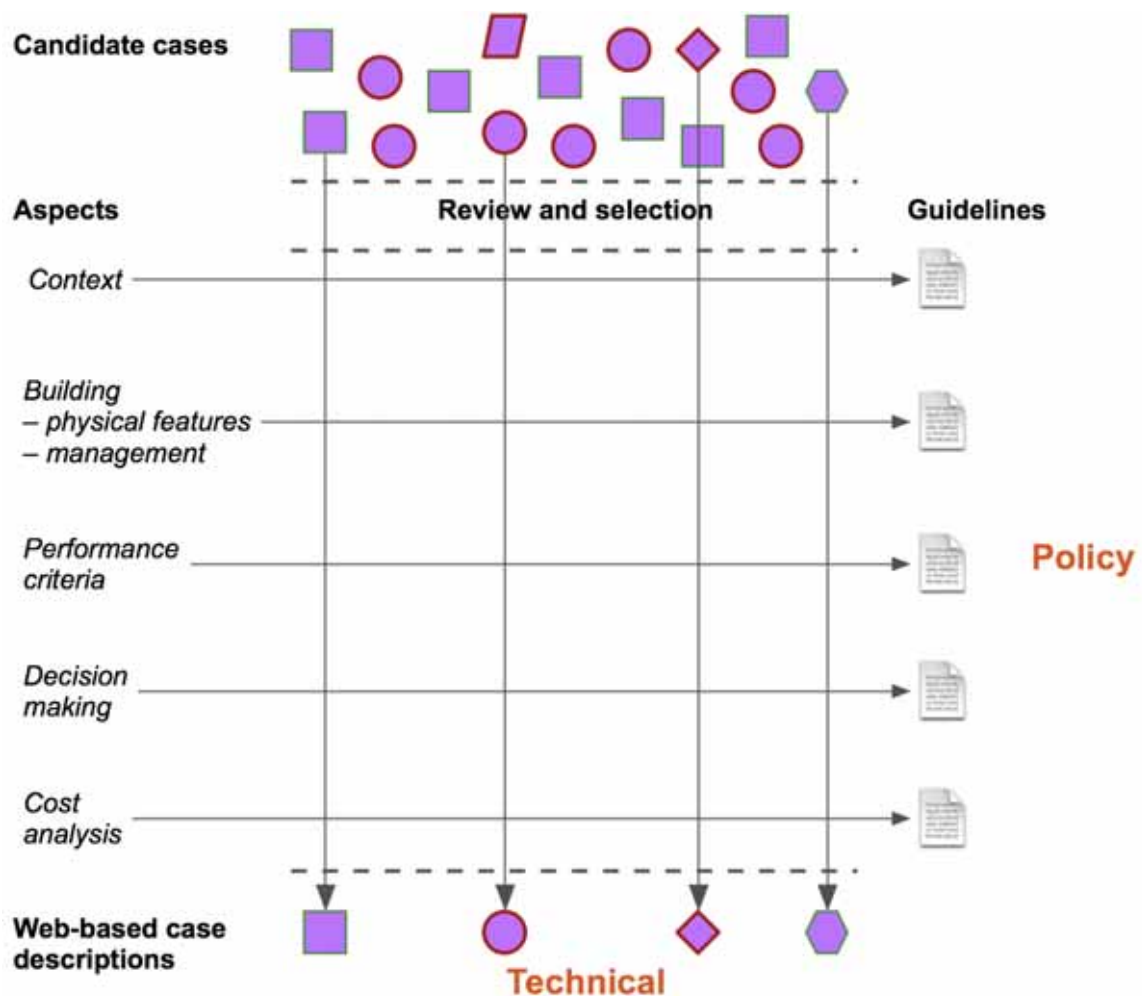


Figure 1: outputs generated by the collation and analysis of case studies of low carbon strategies and applications

As suggested in the diagram, members of the C23 Action will propose a range of different types of candidate cases, primarily either new or existing buildings, but not restricted to these. Candidate cases will be presented and reviewed at working group meetings before detailed information is collected. The aspects listed on the left side of the figure will be used to analyse selected cases and collectively will provide the guidelines to inform future policy. The completed case studies will provide a reference resource that will contain detailed descriptions of all relevant aspects and as such will include technical details of individual cases.

There was some discussion about how cost analysis of cases might be carried out, and the meeting concluded that it would be necessary to call on specific expertise which current representatives do not have to address this aspect of performance.

Tasks

Task 1.1.

The collation of performance criteria in use in the different member states represented in the C23 Action. This will result in a comprehensive description of how different member states are addressing the priorities and requirements of the EPBD. Four general headings will be used to summarise the information:

Structures. These will be the legislative structures that generate, implement and enforce the application of regulations and incentives intended to reduce CO2 emissions in the urban built environment. In the UK, for example, this would be a hierarchical structure beginning at the level of the Office of the Deputy Prime Minister (ODPM) and including various central and regional government structures culminating in Building Control offices operated by local authorities.

This heading could also describe the relations between the documents produced by different components of the structure, for example the relation between statutory instruments and technical guidance.

Processes. What are the processes involved in implementing and enacting legislation? How long does it take to produce statutory regulations and technical guidance?

Content. This section could describe the actual content of legislation, advisory codes, or other specific measures aimed at reducing carbon emissions. How are reductions to be achieved?

Task 1.2

This task is the collection of data for the case studies.

The meeting on the second day provided an opportunity to discuss decisions reached during the MC meeting and to react to the ideas suggested by WG2 on the previous day.

The working group meeting closed with a presentation by Jørgen Munch-Andersen of Danish research on timber-frame constructions designed to accommodate different thicknesses of insulation. A copy of the overheads will be available on the Action's website.

Next steps

Members of the working group agreed to advance tasks 1.1 and 1.2 for the next meeting in Porto. For task 1.1, each representative will send the chairperson (Chris Tweed) a draft of the text describing performance in criteria in his/her member state by Friday, 16 December 2005. Although these documents will not be presented in Porto there will be an opportunity to discuss them during one of the parallel work group meetings.

For task 1.2, it was agreed that each representative should identify up to two candidate cases to present to the Porto meeting, allowing 20 minutes for each presentation. The presentation should consist of a brief description of the most important features of the case followed by reasons for including this case in Action. Please remember: we will be working to a very tight timetable in Porto and so it is important that everyone sticks to the 20-minute time slot. All PowerPoint

presentations will be loaded on to a single computer at the start of the meeting to help things run smoothly. You may want to consider this when naming the document and bring a memory stick.

It was agreed in the MC meeting that WGs 1 and 2 would work together to develop a common framework for selecting and structuring case studies.

Chris Tweed
21 October 2005