



Meeting of the Management Committee & Working Groups of COST Action TU1205
"Building Integration of Solar Thermal Systems (BISTS)"

4th and 5th June 2013
Dublin, Ireland

Minutes Working Group 1: Development and characterisation of new BISTS
Parallel Session 4th June 2013 14:00 to 16:00

Participants

Braganca Luis (<i>DC Rapporteur</i>)	LB
Lamnatou Chrysovalantous	CL
Keys Donal	DoK
Cristofari Christian	CC
Koroueos Christopher	CK
Miletic Ivan	IM
Buhagiar Vincent	VB
Alenei Laura	LA
Savvides Andreas	AS
Florides Georgios	GF
Kalogirou Soteris	SK
Kennedy David	DaK
Notton Gilles	GN
Platzer Werner (<i>WG Leader</i>)	WP
Smyth Mervyn	MS
Tripanagnostopoulos Yiannis	YT

Apologies

Norton Brian	BN
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Presented Agenda for all WG:

1. Welcome to participants
2. Adoption of the agenda
3. Objectives and working programme
4. Distribution of tasks
5. Promotion of gender balance and of Early Stage Researchers (ESR)
6. Time-table of work

1. Welcome to participants

WP welcomed participants to working group 1 (WG1)

2. Adoption of the agenda

WP presented the agenda as laid out by the COST office with adoption by all WG1 participants

3. Objectives and working programme

WP introduced the scope of work and objectives for the work group.

The initial group discussion focused on scope, defining the difference between WG1 and WG3 in some areas of overlap. The group discussion centered should around having an overall appreciation of the different typology of all systems and the different integrated building elements and materials. We need some form of standardization in order to rank solutions through qualitative means and we need to consider different climates, solar resource, building forms and environmental considerations. There should be a focus on conceptual developments not the detailed engineering of building integration.

4. Distribution of tasks

WP outlined tasks for WG1; review of the state of the art, development of new BISTS solutions and characterisation of BISTS and the expected deliverables.

D1.1

The group discussed the structure of the review. The group debated the actual structure/form of the review. It was evident that a lot of information would be generated. The group agreed that each group member would submit a number of case studies of BISTS (2 relative to their country and 2 relative to their area of expertise). The group debated the structure of the case study and an outline template was generated. WP to send out a case study template for review. Final case study submission date to follow.

D1.2

The group discussion centered around STSM ideas and their evaluation. SK asked LB for input. LB stated that STSMs are open to all but the final acceptance is by the Management Committee. WP suggested an Expression of Interest (EOI) be sent out to all WG participants for initial screening before submitting a full STSM application. It was agreed by all that any EOI should be submitted by the end of September 2013.

D1.3

There was a general discussion on the structure, suitable topics and who should be involved. The group agreed that any decisions on training schools can be adjourned to the next with the interim period used to consider potential training school ideas.

D1.4

DaK stated that BN had agreed to co-ordinate and he requested some further information relating to the task/deliverable.

5. Promotion of gender balance and of Early Stage Researchers (ESR)

Gender balance and ESR participation will be promoted in all activities of WG1 including STSMs and training schools

6. Time-table of work

Time table of work and deadlines is ongoing. The working group will adhere to the time-table of work as presented in the MoU

7. AOB

Nothing noted

ACTIONS

Description	Date	Allocation
Initial case study template to be distributed to WG participants	Aug 13	WP
WG participants to provide case study examples	Dec 13	All
STSM Expression of Interest (EOI)	Sept 13	All



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Follow up Parallel Session 5th June 2013 9:00 to 10:00

Participants

Braganca Luis (<i>DC Rapporteur</i>)	LB
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Keys Donal	DoK
Cristofari Christian	CC
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Smyth Mervyn	MS
Tripanagnostopoulos Yiannis	YT
Norton Brian	BN

Follow up discussion

WP opened the meeting with a recap of the discussion and actions covered in the parallel session held the previous day and opened the floor for further discussion.

YT suggested that we look at the typology presented IEA SHC Task 41 and furthermore the scope of the action should be extended to include zero energy buildings. It was agreed by most WG members that zero energy buildings were outside the scope of this particular action, but that typology and details covered by Task 41 should be included in the review. The importance of novelty was also discussed, along with cost, aesthetics and social approaches. BN said he would produce a first draft of the solar system typology. The concept of a BISTS matrix was proposed. All agreed that this would be very useful to the action and give us a form of assessment or ranking. The ranking criteria should include performance, social criteria, environment, architectural integration, standards/building codes. WP suggested we should use the Building Product Directive (BPD). LB stated that a matrix would be very helpful in identifying gaps in the knowledge base and would help foster further research discussions, investigation, proposals, collaboration and potential external expertise

input to the action. It was noted that perhaps the detailed applications for BISTS should be covered by WG3.

AOB

Nothing noted

ACTIONS

Description	Date	Allocation
First draft of the solar system typology	Dec 13	BN