



European Cooperation in the field of Scientific and Technical Research



Building Integration of Solar Thermal Systems – TU1205 – BISTS

WG 4: Meeting

Dissemination Activities



COST is supported by the EU Framework Program Horizon 2020





Agenda

- Website (Soteris)
- Status of first deliverables (Soteris+David)
- Planning of mid Action Symposium (2015) (Soteris+Luis)
- STSM's 2015 (Soteris+Gilles)
- Publications, dissemination and outreach activities (Soteris)

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Web Page

- 1. COST official web page
 - http://http://www.cost.eu/domains_actions/tud/Actions/TU1205
- 2. Action web page
 - Web site: <http://www.tu1205-bists.eu/>
 - Password: cost 1234!
 - Need photo of each participant and logo of each institution (have most of them except for new members)
 - Photo session – end of the day (during breaks)
- Any documents should be sent to Mr. Costas Christofi. Email: c.christofi@cut.ac.cy



New additions in website

- Photos of participants plus affiliation.
- All case studies received so far.
- Book PDF
- Photos from previous meetings.
 - Belfast added
 - Belfast Meeting photos
 - Photos from social events
 - Go to [webpage](#)





Status of deliverables

- First year deliverables now finished.
 - WG1 with delay!
- Book published using the materials from the 3 deliverables! Each one received a copy.
 - More copies are available (if you are in Cyprus we will give you a copy or in next meetings).
- **NOT DONE:** D 1.4. Report on the evaluation technologies available for BISTS characterisation (**Month 24**). Need to do it ASAP (**previous meeting: BN + DK + ISE?**)

- Extent Mervyn's doc.





From previous meeting: Tasks for D1.4 Evaluation

Document on characterization methods for evaluating BISTS solutions:

- Overview of approaches and methods existing
- Levels and scope of methods
- Comparison of pros and cons, limitations
- Geographic specific evaluation
- Comparison using examples
- Reporting





STSM's Third year

- Provision for 4 STSMs.
- To be finished before end of May 2016
- Better to be combined with work on deliverables.
- Applications to Gilles (STSM manager)





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Deliverables to do soon...

- D 2.4. Report on the validation of developed codes, both thermal and optical (**Month 30**)
- D.3.4. Report on fabricated integrated STS prototypes optimised for increased efficiency and low cost. Full building services integration (e.g. into existing heating, cooling, hot water) or stand-alone operation but integral to the structure. This will depend on the extent of own research funding allows (**Month 36**).
 - No matter if you are WG3 member, if you have material to contribute join the group working on this..





Building Integration of Solar Thermal Systems – TU1205 – BISTS

- From previous meeting minutes: The Handbook must be delivered in month 40. Its specifications are given in the BISTS proposal in paragraph D3.6 and will cover the BISTS from the Architectural and Engineering aspect. After a discussion it was decided that the Handbook will have the following structure (preliminary):

DISCUSSION ABOUT THE HANDBOOK

- Introduction-description of the Action (Soteris)
- Classification & Characterisation of BISTS (case studies) (Mervyn and Laura)
 - Split into chapters for various issues (next slide)
- Design Process of BISTS
 - Architectural planning/integration (Aleksandra + Savvides+ Gerald + Vasiliades)
 - Solar system design (mechanical/optical/materials, control) (Christoph, Soteris, Aggelos, Mirko, Ivan)
 - Modelling and performance analysis (Daniel, Jayanta, Christoph, Aggelos, Adolfo, Danijela).



Building Integration of Solar Thermal Systems – TU1205 – BISTS

- Installation options/strategies (Stefan)
- Testing (standards) (Christoph,
- Commissioning of systems (Stefan)
- Maintenance (Stefan)
- LCA (Disposal) (Daniel + Chrysa)
- Economics (Mervyn + Chistoph)
- Legal issues (Christofari + Gilles)
- Roadmap of BISTS (Cappel)
- New option (Dorota+Yiannis, Jasna)
- Analysis of 5 project (concepts/ideas)
 - Architectural integration (Aleksandra + Savvides+ Gerald + Vasiliades)
 - Testing methodologies (??)
 - New models (Annamaria)
 - New application options
 - New materials
 - New construction (external/internal part), different solutions





Handbook

- Options for retrofit applications (e.g. extent SHW to space heating) (trevor)
- Supporting material (Laura+Sarah)
 - Codes
 - Web sites, etc.
- This is a preliminary table of contents and will be discussed further in subsequent meetings and by the SG committee.
- I suggest to discuss further in WGs and assign tasks.

