



European Cooperation in the field of Scientific and Technical Research

Building Integration of Solar Thermal Systems – TU1205 – BISTS

Coordination Meetings

Planning of work to be done – Finalise Deliverables, Projects, Organisation of Conference in 2017.

Main purpose: Explain the work that remains to be done and commit ourselves



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Status of deliverables


11:30-12:30

Working group leaders are expected to present the status of the pending deliverables and target dates for completion.



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Deliverables –WG1

- Task 1.2 Development of new BISTS solutions (Year 3 & 4)
- Task 1.3 Characterisation of BISTS developed in Task 1.2 (Y 3 & 4)
- Need to prepare a report (part of D3.4) based on the various projects which will be included also as chapters of the handbook (**date?**).



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Deliverables –WG2

- Task 2.1 Development of new mathematical and numerical models for BISTS (Years 3 & 4)
- Task 2.2 Validation and implementation of codes developed in 2.1.
- D 2.5. Report on the new models developed during the project and potential for adaptation for RES (**Month 42**), (**September**)
- D.2.6. Report on the development of new models for innovative integrated STS applications (**Month 46**), (**November**)



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Deliverables –WG3

- Task 3.1 Design of innovative BISTS designs
- Task 3.2 Fabrication of BISTS prototypes
- Task 3.3 Characterisation of novel BISTS indoors and outdoors to assess the actual performance in real conditions
- 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**). **Need a report ASAP, (end of May)** Together with WG1.
- D.3.5. Report on the performance of new integrated STS/RES prototypes: A country performance comparison with geographic diversity (South, Central and North Europe), (**Month 42**), (**September**). Together with WG2 (D2.5)
- D.3.6. Handbook for architects and building services engineers on the developed BISTS solutions for the design market ready products. (**Month 46**), (**date?**)
- Separate discussion on Handbook



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Status of Projects and Projects Reports (12.30-13.30)

- Project leaders will present the status of their projects and the status of the reports to include in Handbook.
- Show word documents for each
- Need to prepare both for D3-4 and as Handbook chapters.



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Handbook discussion (14.30-17.30)

- **Purpose:** Discuss contents of handbook chapter by chapter and section by section.
- Each contributor will be asked to present the status of his/her contribution and expected delivery date.
- Need also to agree a method for the review of chapters (subject, follow guidelines, etc.).



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Handbook

- From previous meeting minutes: The Handbook must be delivered in month 46. Its specifications are given in the BISTS proposal in paragraph D3.6 and will cover the BISTS from the Architectural and Engineering aspect.
- Very few chapters were received either from authors or responsible persons for each section/chapter.
- Follow instructions sent by email 2/10/2015, to avoid a lot of editing....
- Discuss on Word document.....



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Handbook-planning

- **From Previous meeting:**
 - Ready by M46 (Jan 2017-end)
 - Need one month for printing (M45-Dec 2016-end)
 - Need two months for Editing (M43-Oct 2016-end)
 - → This means that everything needs to be submitted before the next (this) meeting????
 - The soonest you submit the better.
 - I cannot undertake the edition by myself.



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Section leaders

- Section 1. Introduction (Mervyn)
- Section 2. Design Process of BISTS (Daniel)
- Section 3. Analysis of concepts/ideas (Aggelos)
- Section 4. Projects (all project leaders)
- Section 5. Conclusions (Ricardo)
- Section 6. Supporting material (Laura)
- Submit material first to the above persons and after an initial screening and review to me as well....



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Conference Planning (9.00-10.30)

- Present details of planning (David, Jayanta).
- Current status (abstracts received)
- Agree method to review papers.
- Selection of RENE SI. Agree selection method.
 - Involve guest editors....



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Action Conference

- All need to contribute with a paper
 - Not like symposium (14 papers-some not on BISTS)
- All need to participate
 - Action event – reimbursed
- Venue: DIT, beginning of March 2017
- It will be open to other persons (major event)
- Need a good planning and organisation.



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Conference

- Name: **International Conference on Building Integrated-Renewable Energy Systems (BIREs)**
- Areas to cover:
 - Building integrated solar thermal systems (BISTS)
 - Building integrated PV/T (BIPV/T)
 - Building integrated Thermal Storage (BITS)
 - Building integrated hybrid systems (BIHS)
- New logo (thanks to Yiannis):→





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Conference

- Everybody need to support the conference by:
 - Submitting paper/s (only relevant please because they maybe rejected)
 - Publicize the event in our countries
 - Participate in conference (free for Action members)
- David and Jayanta will now give more details....



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