



European Cooperation in the field of Scientific and Technical Research



Building Integration of Solar Thermal Systems – TU1205 – BISTS

Management Committee Meeting


Future planning




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Building Integration of Solar Thermal Systems – TU1205 – BISTS


Agenda


- Action planning
 - Annual Progress Conference (APC)
 - Budget status, budget planning and allocation process
 - Action Planning (including meetings)
 - Location and date of next meeting
- Training School syllabus/instructors
- AOB
- Closing



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Action Planning


- Annual Progress Conference – Paris (April 2014)
- Only Action Chair participates
- Budget status, budget planning and allocation process
 - STSM 10,800 EUR (up to 31/5/2014)-four approved so far
 - First year budget absorption ~100% (this meeting expenses still unknown).
 - New budget should be raised to 134,000 Eur (20 countries)



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Action Planning


- Action Planning (including meetings)
 - Second year we will target for 2 meeting, about every 6-months.
 - 4th meeting – Combined with training school
- Location and date of next meeting
 - Freiburg, Germany
 - Fraunhofer-Institut für Solare Energiesysteme ISE
 - Dates: 1-5/9/2014 (1-3/9 TS, 4-5/9 meeting)



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Training school


- Organised just before the fourth meeting, same place as the meeting -3 days (Mon-Wed), minimum allowed by regulations.
- This will reduce travelling costs as speakers will be present also for the meeting.
- Give opportunity to trainees to participate in the meeting.
- All members should advertise the training school to their students to have a good participation (1-2 per country).
 - A leaflet will be prepared and circulated to all.
- Expenses covered: Trainers (normal as in meetings). Trainees (fixed amount to be decided with Werner)



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Time table


- Morning session
 - 9.00-13.00 (two sessions [1, 2] 1.45 min each)
 - Coffee break 10.45-11.15
- Lunch break (13.00-14.00)
- Afternoon session
 - 14.00-17.00 (two sessions [3, 4] 1.15 min each)
 - Coffee break 15.15-15.45



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Training School-syllabus


- **Day 1:**
- Session 1,1:
 - Introduction to TU1205-BISTS (SK) - 10 min+15min intro into ISE (WP)
 - Basic solar geometry (SK) – 35 min
 - Thermal analysis of solar collectors (SK) – 45 min
- Session 1,2:
 - BISTS case studies (MS) – 105 min
- Session 1,3:
 - Modelling of solar systems with TRNSYS (DC) – 75 min
- Session 1,4:
 - Modelling of buildings with Eplus (MB) – 75 min



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Training School-syllabus


- **Day 2:**
- Session 2,1
 - Thermal testing of solar collectors and systems (KK) – 45 min
 - BISTS testing under a solar simulator (AZ/MS) – 60 min
- Session 2,2
 - Certification of building products (WP) - 45 min
 - Architectural aspects of BISTS (AK) – 60 min
- Session 2,3
 - Optical modelling of BISTS (AZ) - 75 min
- Session 2,4
 - Hybrid PV/T systems (YT) – 75 min




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Training School-syllabus


- **Day 3**
- Session 3,1
 - OpenStudio and GenOpt programs (AC) – 40 min
 - DesignBuilding and SimaPro programs (RM) - 40 min
 - Energy Storage (LC) - 25 min
- Session 3,2
 - Air heating systems (KK) – 35 min
 - Space Heating and Cooling systems (GF) – 35 min
 - Combi-systems (DHW+heating+storage) (DC) – 35 min
- Sessions 3,3 and 3,4:
 - Visit to ISE laboratories




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Other pending items

- Two more STSMs to take place before the end of May.
- AOB
- **Closing** - Don't forget the:
- Bus transfer to down town Visit to CU labs (14.00-17.30)
- Transportation to hotels (17.30)



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**See you all in Freiburg in
September**



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