

77th EXECUTIVE COMMITTEE MEETING
OF THE
IEA SOLAR HEATING AND COOLING PROGRAMME
June 15 - 17 Rotterdam, Netherlands

Intel Hotel
Leuvehaven 80

SCHEDULE

Sunday, June 14

OA Meeting

Intel Hotel

For all OAs and those proposing new work

Monday, June 15

8.30 – 18.00

ExCo Meeting

Intel Hotel

19.00

ExCo Dinner

Tuesday, June 16

9.00 – 17.00

ExCo Meeting

Intel Hotel

Wednesday, June 17

9.000 – 16.00

Technical Tour

SHC EXECUTIVE COMMITTEE
77th MEETING AGENDA

MONDAY, June 15th

- I. GENERAL BUSINESS (8.30 - 9.00)
 - I.1 Welcome – Chairman
 - I.2 Apologies and Introductions – Chairman
 - I.3 Agenda Confirmation – Chairman
 - I.4 Approval of Minutes of the Previous Meeting – Chairman
 - I.5 Review of Action Items and Outstanding Reports – Chairman

2. ADMINISTRATIVE REPORTS (9.00 – 11.30)
 - 2.1* Chairman's Report – *Chairman*
 - 2.2* Implementing Agreement Report – *Chairman*
 - 2.3* Executive Secretary Report – *Pam Murphy*
 - 2.4* IEA Secretariat Report – *Yasuhiro Sakuma*
 - 2.5 Operating Agents Meeting Report – *Sebastian Herkel*

COFFEE BREAK (10.30 – 10.45)

 - 2.6* SHC Information Centre – *Chairman*
 - Solarthermalworld.org Proposed Collaboration – Nigel Cotton/Bärbel Epp (15 minute presentation plus 15 minute discussion)
 - Steering Committee: Guthrie (Chairman), He Tao, Bosselar, Edwards, Heinze, Mugnier, Martin, Murphy

3. FINANCIAL REPORT (11.30 – 11.45)
 - 3.1* 2015 Mid-Year Budget Report – *Chairman*
 - Expenses to be considered 1) solarthermalworld.org and 2) travel budget for SHC 2015 speakers

4. STRATEGIC PLANNING (11.45 – 12.30)
 - 4.1 Solar Heat Worldwide 2015 – *Werner Weiss (15 minutes)*
 - 4.2 New Members Update – *Werner Weiss (10 minutes)*
 - 4.3* Key Performance Indicators (KPI) – *Daniel Mugnier/Christoph Brunner (10 minutes)*

4.4 Improving Programme Efficiency – *Ken Guthrie (10 minutes)*

LUNCH (12.30 – 13.30)

5. PROPOSED WORK (13.30 – 17.00)
(15 minutes *plus* 15 minute discussion)

- 5.1* Price Reduction of Solar Thermal Systems
(Task Definition Phase) – *Michael Köhl*
 - ExCo vote to approve Annex, Work Plan, Information Plan
- 5.2* Building Integrated Solar Envelope Systems for HVAC and Lighting
(Task Definition Phase) – *Roberto Fedrizzi*
 - ExCo vote to approve Annex
- 5.3* Deep Renovation of Historic and Listed Buildings Towards Lowest Possible Energy Demand and CO2 Emission (Concept Phase) – *André De Herde*
 - ExCo vote to approve Concept Paper and start of Task Definition Phase
- 5.4* Large Scale Solar District Heating and Cooling Systems
(Concept Phase) – *Sabine Putz*
 - ExCo vote to approve Concept Paper and start of Task Definition Phase

COFFEE BREAK (15.30 – 15.45)

- 5.5* International Standards & Global Certification – Task 43 follow on
(Concept Phase) – *Jan Erik Nielsen*
 - ExCo vote to approve Concept Paper and start of Task Definition Phase
- 5.6* Task 46 Follow On Task (Concept Phase) – *Dave Renné*
 - ExCo vote to approve Concept Paper and start of Task Definition Phase

5. INTERNATIONAL CONFERENCE ON SOLAR HEATING AND COOLING FOR BUILDINGS AND INDUSTRY (17.00 – 18.00)

- 5.1* SHC 2015 Update & SHC 2014 Summary – *Stefanie Hermann (20 minutes plus 15 minute discussion)*
 - Committee: *Mugnier (Conference Chair), Yeşilata (Scientific Chair), Dias (Industry Chair), Bosselaar, Donat, Guthrie, McClenahan, Murphy, Rommel, He Tao, Weiss*
- 5.2* SHC 2017 Proposal – *Daniel Mugnier (25 minutes)*

TUESDAY, June 16th

- 7. COUNTRY/ORGANIZATION REPORTS (9.00 – 10.00)**
(20 minutes plus 10 minute discussion)
- 7.1 Turkey – *Bulent Yesilata/Kemal Gani Bayraktar*
- 7.2 IRENA – *Michael Talyor*
- 8. FINAL MANAGEMENT REPORTS (10.00 – 11.45)**
(Please allot a minimum of 5 minutes for discussion)
- 8.1* **Task 39: Polymeric Materials for Solar Thermal Applications – Michael Köhl (30 minutes)**
- ExCo vote on Final Management Report and Task Evaluation
 - Publication Review Committee: *Donat (chair), Weiss, Sjödin*
- COFFEE BREAK (10.30 – 10.45)**
- 8.2* **Task 45: Large Systems: Large Solar Heating/Cooling Systems, Seasonal Storage, Heat Pumps – Jan Erik Nielsen (30 minutes)**
- ExCo vote on Final Management Report and Task Evaluation
 - Publication Review Committee: *Windleff (chair), Weiss, Enríquez*
- 8.3* **Task 48: Quality Assurance and Support Measures for Solar Cooling – Daniel Mugnier (30 minutes)**
- ExCo vote on Final Management Report and Task Evaluation
 - Publication Review Committee: *Kaajik (chair), Puglisi, Guthrie*
- 9. TASK STATUS REPORTS (11.45 – 15.30)**
(Please allot a minimum of 5 minutes for discussion)
- 9.1* **Task 42: Compact Thermal Energy Storage – Matthias Rommel (20 minutes)**
- Participating ExCo vote on Task Status Report
 - Publication Review Committee: *Bosselaar (chair), Donat, McClenahan*
- 9.2* **Task 43: Rating & Certification Procedures – Jan Erik Nielsen (20 minutes)**
- Participating ExCo vote on Task Status Report
 - Publication Review Committee: *Windleff (chair), Guthrie, McClenahan*
- LUNCH (12.30 – 13.30)**
- 9.3* **Task 46: Solar Resource Assessment and Forecasting – Dave Renné (20 minutes)**
- Participating ExCo vote on Task Status Report
 - Publication Review Committee: *Bosselaar, Donat, Eckmanns*
- 9.4* **Task 49: Solar Heat Integration in Industrial Processes – Werner Weiss (20 minutes)**
- Participating ExCo vote on Task Status Report

- *Publication Review Committee: Weiss (chair), Mendes, Enríquez*

- 9.5* Task 50: Advanced Lighting Solutions for Retrofitting Buildings – Jan de Boer (20 minutes)**
- Participating ExCo vote on Task Status Report and Mid-term Evaluation
 - *Task/Publication Review Committee: Heinze (chair), Puglisi, Weiss*
- 9.6* Task 51: Solar Energy and Urban Planning – Maria Wall (20 minutes)**
- Participating ExCo vote on Task Status Report
 - *Task/Publication Review Committee: Sjödin (chair), Heinze, Puglisi*
- 9.7* Task 52: Solar Heat & Energy Economics – Sebastian Herkel (20 minutes)**
- Participating ExCo vote on Task Status Report
 - *Task/Publication Review Committee: Donat (chair), Weiss, Windeleff*
- 9.8* Task 53: New Generation Solar Cooling and Heating Systems – Daniel Mugnier (20 minutes)**
- Participating ExCo vote on Task Status Report
 - *Task/Publication Review Committee: Kaajik (chair), Puglisi, Weiss*

COFFEE BREAK (15.30 – 15.45)

10. PROGRAMME ACTIVITIES (15.45 – 16.45)
(5 minutes unless noted differently below)

- 10.1 ISES Collaboration – Dave Renné**
- *Committee: Renné, Guthrie, Mugnier, ISES rep.*
- 10.2* SHC Website – Randy Martin (20 minutes)**
- *Committee: Bosselaar, Martin, Meir, Wall, Murphy, Yeşilata*
- 10.3 Trade Association Meeting – Lex Bosselaar**
- *Committee: Bosselaar (chair), Donat, McClenahan, Guthrie, Weiss, Mugnier, Nielsen, Bayraktar*
- 10.4 2015 Solar Award – Doug McClenahan (10 minutes)**
- *Committee: McClenahan (chair), Guthrie, Mugnier, He Tao, Weiss*
- 10.5 IEA Building Coordination Group – Lex Bosselaar**
- 10.6 IEA Industry Coordination Group – Werner Weiss**
- 10.7 IEA Energy Technology Perspectives Meeting – Ricardo Enríquez**

11. NEXT MEETINGS (16.45 – 17.00)

- 11.1 2015 Meeting**
- 78th meeting: November 30 - December 1, Istanbul, Turkey (SHC 2015)
- 11.2 2016 Meetings**
- 79th meeting: May
 - 80th meeting: November. Qatar offered to host the meeting.
Countries in queue to host a meeting: Mexico, Portugal, Australia, Spain, and Sweden

Reports & discussion papers with a (*) to be sent no later than **JUNE 1st**.

OUTSTANDING PUBLICATIONS & POSITION PAPERS

Task 39

1. Position Paper
2. Info Sheets Subtask B
3. Info Sheets Subtask c

Task 40

1. Book Volume 3: Solution Sets for Net Zero Energy Buildings: Feedback from 30 Net-ZEBs worldwide– to be sent for ExCo review December 2014; scheduled to be published by Wiley May/June 2015
Will now be published as a technical report and posted online in December 2015

Task 42

1. A2.1: Development of a Test-Standard for PCM and TCM Characterization - Part I: Characterization of Phase Change Materials
2. B3.2: State of the art on numerical modelling of high temperature Thermal Energy Storage applications – Data base on materials engineering and processing
3. B3.3: Laboratory scale application of process heat at 200 °C
4. B3.5: Life Cycle Analysis for Concentrated Solar Power storage
5. B3.6: Final Report WG B3 on High Temperature Applications

Task 47

1. Subtask C report
2. Position Paper – waiting for input from Subtask C