

6TH TASK 54 EXPERTS MEETING & DISSEMINATION WORKSHOP ADEME— APRIL 24-26, 2018

Agence de l'Environnement et de la Maîtrise de l'Énergie (ADEME)
Sophia Antipolis, 500 Route des Lucioles, 06560 Valbonne, France

PRELIMINARY AGENDA

Please register online via:

https://docs.google.com/forms/d/e/1FAIpQLSePzuiLc5eGF60YtN29hfpBP8HhoeNEA4XXcJ0qOZu-4_1kCw/viewform?usp=sf_link

Tuesday, April 24, 2018, 12:00 – 14:00, OA and Subtask Leader Meeting (place tba)

Accompanying Event:

April 23 – 24, 2018 «LCA Working Group» - Definition Workshop (place & detailed programme tba). The event starts on Monday afternoon (13:00) on April 23, 2018 and ends on Tuesday afternoon (13:00), April 24, 2018. The workshop is open to everyone interested in an international collaboration on the topic Life Cycle Assessment of renewable heating systems.

TUESDAY, APRIL 24, 2018

14:00 Welcome & Introduction by Operating Agent (Dr. Michael Köhl, Germany)

- Short recap of the work in the last months
- Preview of the upcoming months and end of Task 54 / wrap-up and publication of results will be in the focus of this meeting

Welcome by ADEME (Paul Kaaijk, ADEME)

14:15 SUBTASK A (Dr. Michaela Meir, Norway)

Achievements with respect to Task 54 work plan (e.g. deliverables, other work)

A.1: Definition of solar thermal and conventional reference systems

- [Presentation by Task 54 experts]

A.2: Cost tool definition, life cycle costs of reference and optimized systems

- [Presentation by Task 54 experts]

A.3: Political, legal and social boundary conditions

- [Presentation by Task 54 experts]
- Energy consultants as trendsetters – The power of influencers and how to influence them (S. Saile, Fraunhofer ISE)

A.4: Market success factors

- Workshop on marketing best practices with Task 54 experts in collaboration with Subtask D (approx.1 hour)

Preparation of Task 54 Finale (M. Meir, Norway)

- Topics for Position Paper
- Topics for final conferences

16:00 Coffee Break & Group Picture

16:30 SUBTASK B (Dr. Stephan Fischer, Germany)

Achievements with respect to Task 54 work plan (e.g. deliverables, other work)

B.1: Definition of standardized components

- [Presentation by Task 54 experts]

B.2: Production Costs

- [Presentation by Task 54 experts]

17:30 End of First Day

20:00 Task 54 Dinner

WEDNESDAY, APRIL 25, 2018; 6TH TASK 54 EXPERTS MEETING

09:00 SUBTASK B (Dr. Stephan Fischer, Germany)

B.3: Technical aftersales costs

- [Presentation by Task 54 experts]

B.4: Cost optimization of reference systems

- [Presentation by Task 54 experts]
-

B.5: New proposal for a 40 % Price Reduction

- Cost reduction by using standardized collector mounting frames (K. Geimer, Fraunhofer ISE, Germany)
- Cost reduction by temperature limitation / SPF (D. Philippen, HSR-SPF)
- Cost reduction by temperature limitation / ISFH (F. Giovannetti, ISFH)
- [Presentation by Task 54 experts]

Preparation of Task 54 Finale (S. Fischer, Germany)

- Topics for Position Paper
 - Topics for final conferences
-

10:30 Coffee Break

11:00 SUBTASK C (Prof. Dr. Gernot Wallner, Austria)

Achievements with respect to Task 54 work plan (e.g. deliverables, other work)

C.2: Material substitution and functional integration

- [Presentation by Task 54 experts]

C.3: Innovative, cost efficient processes and components

- [Presentation by Task 54 experts]

Preparation of Task 54 Finale (G. Wallner, Austria)

- Topics for Position Paper
 - Topics for final conferences
-

13:00 Lunch Break

14:00 SUBTASK D (Sandrin Saile, Germany)

Achievements with respect to Task 54 work plan (e.g. deliverables, other work)

D.1: Industry Liaison

- Short review of workshop of marketing best practices in Subtask A (D D.3)
- Preview of upcoming workshop on April 26, 2018 (D D.4) in the framework of ADEME national workshop
- Final presentation on installation survey and presentation of related info sheets (D. Mugnier, Tecsol)

D.2 Dissemination and Information

- D D.6.2 Review of second Task 54 newsletter
 - Review of Task 54 Webinar as part of the IEA SHC Solar Academy
 - Review of twitter campaigns, past publications & publication schedule
-

-
- Promotion of Info Sheets
 - Further reviewed papers with Task acknowledgment
 - Thementisch “Cost reduction” at Symposium Solarthermie (D. Philippen, SPF)
-

15:30 Coffee break

- Joint planning of Task 54 Finale
 - Task 54 Sessions at ISEC and Eurosun 2018
 - Task 54 Online LCoH calculation tool (Working group)
 - Task 54 Position Paper
 - Task 54 Final Report

16:30 Wrap- up by the Operating Agent (Dr. Michael Köhl, Germany)

- Short summary of the meeting
 - Next steps
 - Next meetings
 - Any other business
-

17:00 End of meeting

20:00 Conference Dinner with Workshop Participants (tbc)

THURSDAY, APRIL 26, 2018 – FINAL DISSEMINATION WS – JOURNÉE R&D ADEME¹

8h00 – Accueil

8h30 – Programme SHC (Solar Heating and Cooling) de l'AIE

- 8h30 – 8h45 : Les différentes tâches du programme Solar Heating and Cooling de l'AIE : Daniel Mugnier
- 8h45 – 10h45 : Les principaux résultats de la Tâche 54 sur la réduction des coûts
- 08h45 : Solar thermal value chain and cost reduction potential (S. Fischer, ITW, Germany)
- 08h50 : Le LCoH appliqué au solaire thermique (Y. Louvet, Uni Kassel, Germany)
- 09h00 : Practical examples
 - Example 1 : Reduction of production costs - Potential of polymeric materials (M. Meir, Aventa, Norway)
 - Example 2 : Reduction of production costs - Potential of process cost optimization (W. Kramer, Fraunhofer ISE, Germany)
 - Example 3: Cost reduction by standardization of components (S. Fischer, ITW, Germany)
 - Example 4: Cost reduction by using standardized collector mounting frames (K. Geimer, Fraunhofer ISE, Germany)
 - Example 5: Cost reduction by temperature limitation (F. Giovannetti, ISFH, Germany)
 - Exemple 6: Compétitivité des coûts du solaire thermique collectif (F. Veynandt, AEE INTEC, Austria)
- 10:15 Retour d'expérience sur les coûts et les obstacles rencontrés lors de l'installation solaire thermique en Europe (D. Mugnier, France)
- 10:30 Discussion

10h45 – Pause

11h00 – Les mécanismes d'aide R&D : ADEME

11h15 – CETIAT : certification systèmes

11h30 – De la R&D au nouveau produit sur le marché : des exemples en France

- 11h30 – 11h50 : Système de production d'ECS solaire avec stockage en eau technique, production d'ECS instantanée et valorisation des excédents de chaleur dans le bouclage d'ECS : concept et résultats de mesures : **Sonnenkraft** (Guy Long)
- 11h50 – 12h10 : Optimisation du coût de la chaleur solaire : conception/ taux de couverture/ coût installé et mode de financement : **Eklor** (François Gibert)
- 12h10 – 12h30 : Station solaire adapté à l'utilisation de chauffe-eau traditionnel : **Stratoclaire** (Mr Thoméré)

12h30 – Déjeuner

¹ This event is French and English-speaking, individual registration for the workshop morning and afternoon block for Task 54 participants possible.

14h00 – De la R&D au nouveau produit sur le marché : des exemples en France

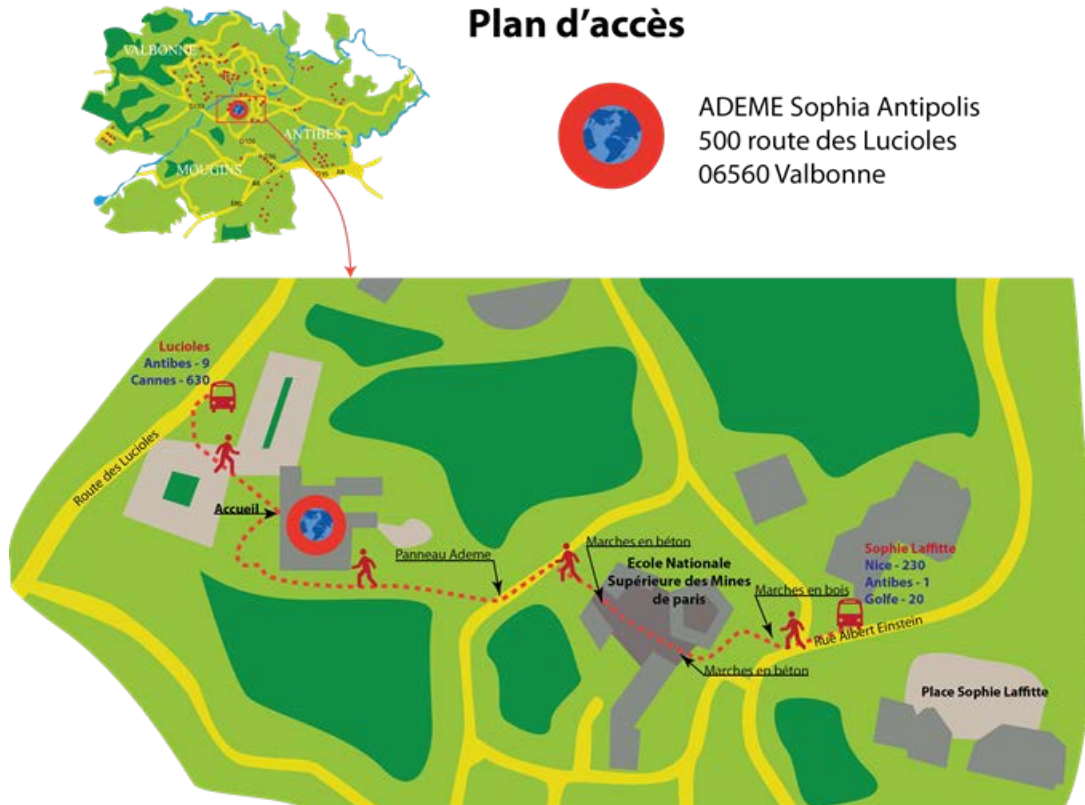
- 14h00 – 14h30 : La couche Thermprotect : limitation passive des surchauffes : **Viessmann** (N. Portha)
- 14h30 – 14h50 : 30% d'économie d'énergie supplémentaire par l'optimisation du pilotage de la résistance électrique d'appoint des CESI : **Centre PERSEE - MINES ParisTech / ARMINES** (Patrick Gatt, François-Pascal Neirac, Georges Kariniotakis)
- 14h50 – 15h10 : Capteur PVT à détente directe : **Li-Mithra** (Pierre Yves Torrent)
- 15h10 – 15h30 : Optimisation des capteurs PVT Eau : **Dualsun** (Laetitia Brottier)
- 15h30 – 15h50 : Tecsol One thermique et TECSOL Analytics thermique : supervision innovante pour les installations solaires : **Tecsol** (Tom Mathelin)
- 15h50 – 16h15 : Pause
- 16h15 – 16h45 : Table ronde : « Quelles innovations pour demain ? »
- 16h45 – 17h00 : Synthèse de la journée et conclusion

17h – Fin

HOW TO REACH THE MEETING VENUE

Agence de l'Environnement et de la Maîtrise de l'Énergie (ADEME)

Sophia Antipolis, 500 Route des Lucioles, 06560 Valbonne, France



By bus

From Antibes take bus line 1 in the direction «Gare routière de Sophia-Antipolis» – Stop at «Place Sophie Laffitte» or bus line 9 in the direction of «Gare routière de Sophia-Antipolis», stopping at «Les Lucioles» (opposite ADEME).

DINNER LOCATIONS

tba