

NATO Advanced Research Workshop (SPS ref.no. 984778)

Triple Net Zero Energy, Water and Waste Models Applications

17 – 19 February 2015, Sønderborg, Denmark

Delegates arriving to Sønderborg Airport will be met by a member of the local organising committee and provided with transport to the hotel. Do not book transport separately.

16 February 2015

For delegates arriving to Sønderborg on 16 February there will be a buffet dinner provided at the hotel from 19:00.

17 February 2015 (DAY 1)

Attire is business casual for all working days.

12:00 – 13:00: ARW Registration and lunch at Alsion, main floor

13:00-16:00: Triple Zero Net Site Application Visits in and around Sønderborg

16:00-17:30:

- i. Sirkku Juhola and Michael Goodsite – Welcome to the ARW and Military Installations as Green Laboratories 10 min.
- ii. Aase Nyegaard, Vice-mayor of Sønderborg. Welcome to Sønderborg and Sønderborg Green Initiatives 10 min.
- iii. Mark Dyer – Trinity College Dublin. The importance of awareness in effectuating Green Policy 10 min.
- iv. Peter Rathje, ProjectZero as a case 10 min.
- v. Christian Corfix Jensen, Danish Liaison Officer, and Dr. Billur Sakintuna, NATO SUPPORT AGENCY (NSPA). The importance of Green Purchasing 10 min.
- vi. Per Lyse Rasmussen, Military Attache, Green Defense Industrial Cooperation, Royal Danish Embassy Washington DC
- vii. Dr. Susanne Michaelis, NATO Green Defense Policy and Initiatives 10 min.

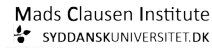
Each talk is for 10 minutes moderated by Michael Goodsite

17:30 – 19:00: Transport to Dybbøl Mølle Museum site visit and presentation on how the Armies handled energy, water and waste needs in 1864 what can be learned? Have the operational constraints ever changed?



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Remember jacket and footwear appropriate for looking at the battle site if you'd like. Otherwise activities will be inside the museum.

19:15: Transport back to Comwell Hotel, Sønderborg; Check-in and personal time

20:00: Buffet dinner at the hotel.

18 February 2015 (DAY 2)

Breakfast at the hotel

07:50: Bus leaves from Comwell to Alsion

08:00 – 08:10: ARW overview – practicalities Sirkku Juhola and Michael Goodsite, Alsion

08:10-08:15: Working groups assemble and move to Working Group rooms

08:15 – 12:00: 6 working groups Net Zero: Carbon; Water; Waste and Base/city planning; Decision Making and Policy; Visualization and Communication split into working groups. Each participant has a short presentation and then a discussion on completing their chapter for the NATO Book (overhead projector and flipchart provided in each group room. Working Group Leaders are responsible for organizing their own internal agenda. All participants must speak and actively contribute to the working group deliverables.)

12:00-13:00: Lunch at Alsion, main floor

13:00-17:00: 6 working groups continue work

17:00 – 17:30: 5 minute update by each working group chair in Plenum followed by discussion

17:45: Bus transport to Hotel and personal time

18:45: Joint walk from the hotel to Sønderborg Castle (500 m)

19:00: Official Dinner at Sønderborg Castle. Welcome drink upon arrival. Attire is tie and dress. Keynote speaker is the Honorable Katherine Hammack, Assistant Secretary of the Army (Installations, Energy and Environment), who will speak from 19:15 to 19:45 and take questions for a few minutes after. 20:00: First course will be served; 20:30 Entertainment by SMUK; 21:00: Main course will be served; 22:00 Entertainment by The Sønderborg Pipes and Drums; 22:30: Dessert will be served.

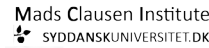
23:00: Castle closes and we walk back to Comwell hotel for coffee

23:15-01:00: Networking in Comwell hotel bar



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19 February 2015 (DAY 3)

Breakfast at the hotel

08:00-09:00: Check-out

09:00: Bus transport to Alsion. Please remember your luggage as transport leaves directly from Alsion to the airport. We will assign an attended area where you can set your luggage.

09:15-11:00: Working Group reports and lessons learned from ARW 984464. 10 minutes plus 5 minutes questions each:

- i. WG1 (Net Zero Carbon & Energy): Alexander Zhivov and Michael Case
- ii. WG2 (Net Zero Water): Jim Lambert
- iii. WG3 (Net Zero Waste): Wendi Goldsmith
- iv. WG4 (Installation and City Planning) and the Danish Military Experience: Boie Skov Frederiksen
- v. WG5 (Decision Making and Policy): Igor Linkov
- vi. WG6 (Awareness, Communications and Visualizations): Mark Dyer and Klaus Bolving
- vii. Lessons from ARW 984464, Major Lloyd Chubbs (NATO SHAPE)

11:00 – 11:30: Plenary discussion with the audience and the participants – moderated by Sirkku Juhola. Is there something the WG Leaders should consider that was not mentioned?

11:30 – 11:45: After Action review of ARW; review of future work and commitments (Goodsite and Juhola)

11:45 – 12:45: Lunch at Alsion

Note: Editors

Working Group leaders meet over lunch with Directors to discuss moving forward on the book and eventual need for cross-cutting chapters and who will lead them.

12:45: **Bus leaves sharply from Alsion to Sønderborg Airport**

Note: the flight to Copenhagen 6I 105 will depart Sønderborg Airport at 13:30 arriving 14:15 at Copenhagen. The next flight from Sønderborg will depart at 16:30

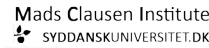
*There must be significant pre-meeting preparation and discussion in the working groups prior to the meeting.

**Each Chair is expected to come to the meeting with a rough draft/framework of the chapter that they are responsible for so that it may be further improved and revised based on knowledge exchange at the meeting.



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*** During the workshop there will be a 6 hrs. (2x3 hrs. sessions) designed to coordinate the respective chapters of the book (each working group is responsible for at least one chapter to be contributed to NATO Science Series book – [see for example](#)). Book guidelines will be distributed as they will be available. Opportunities for some coordination between the working groups are informally between the working group's chairs during lunches and dinners. The working group chair is responsible for briefing the summary of the chapter with some examples of information to the whole group.

To be as productive as possible, we suggest that the session co-chairs develop a brief chapter outline, contact potential contributors and speakers and request that they provide their power point presentations, papers and ideas relevant to the outline via email prior to the workshop. Please note however that all attendee's whose travel costs are paid for by the grant must have a short presentation in their working group. The session co-chair certifies this to the director.

Therefore session co-chairs are recommended to organize prior to the workshop several conference calls so that a coherent set of information can be collected such that the working group sessions at the workshop can be used:

- For discussion, clarification, and consensus
- Boiling down ideas for inclusion in the chapter
- Assessment of gaps and need for more information, and
- Development and presenting the summary to the whole group for approval

The working group should discuss the substance during the workshop with short presentations illustrating different points, rather than spending time on full blown formal presentations.

Please contact the directors or local organisers if there are any needs or questions.

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