

March 30, 2017

Attendees: Canada (Ryan); Ireland (Oonagh); Portugal (Miguel); Sweden (Annika); U.K. (Finlay); U.S. (Karin, Andrea, Elise, Jocelyn)

Notes:

1. Planning for meeting in Gotland, Sweden: the revised proposed schedule is as follows
 - a. June 13 – meet at noon for lunch, then go on to Näsudden after lunch
 - b. June 14 – WREN meeting
 - c. June 15 – continuation of WREN meeting. We could complete by mid-day if needed.

Annika will also make plans for a group dinner on Wednesday the 14th if there is interest.

ACTION: for those who have already made your reservations does this proposed schedule change create an issue for you? All – please answer questions pertaining to this meeting in the email.

2. CWW workshop (Miguel Repas)
 - a. Sharing cost of workshop: Annika indicated Sweden could cover the workshop costs but will check with Marijke to see if they can share the costs. Miguel indicated there is a close offsite location that would be available for no cost. It was unclear whether this would result in lower attendance for our workshop, particularly if there are other activities going on at the CWW venue at the same time. We decided to wait until the more complete agenda comes out in a couple weeks to make a decision.
 - b. Developing structure for workshop: we did not get to this topic. We should schedule a call with the authors of the three white papers and develop a strategy. **ACTION:** Karin will send out a Doodle next week to begin this effort. If you are not an author but would like to be involved in these discussions, let me know so I can include you.
3. Status of Short Science Summary (SSS)

- a. The first topic is harbor porpoises and the document is out for review. Sweden and the Netherlands have provided comments. Ireland and the U.S. will provide comments by next week. Andrea will revise the document and redistribute for a final review. Thereafter, the PNNL team will complete the layout, adding photos. **ACTION:** all comments to Andrea and Finlay by next week.
- b. We discussed topics for the next SSS. Annika mentioned an interest in bats. She has a researcher who could contribute to this. Jocelyn mentioned the AWWI fact sheet on bats and suggested we not duplicate effort. Miguel mentioned a new report that was just released by Eurobats. Miguel also mentioned an interest in migratory bird issues. For the next SSS, we will develop a more structured schedule to ensure they are completed as quickly (but accurately) as possible. Given the breadth of some research, we may need to break the topics up into more discrete sub-topics. **ACTIONS:** Annika will work with her researcher to identify

specifically what the bat SSS would focus on. Miguel will send the Eurobats report for distribution (can send by email using reply to all).

4. Webinars:

- a. The next topic and speakers have been identified. Vattenfall European offshore wind deployment research program (Jesper Larsen) coupled with the Wozep offshore wind ecological programme (Marijke Warnas). Announcements will go out soon.
 - b. Beginning with the **June 20** webinar, all logistics and convening of WREN webinars will be done AWWI. Recordings and postings will continue to be found on WREN Hub.
 - c. Thereafter, topic options include 1) a focus on the Individual to Population manuscript, potentially complemented with someone in the U.S. (maybe WEST) who has done research in this area and 2) visual monitoring (combining cameras (such as thermal imaging) with acoustic detections. Marijke, USGS (Paul Cryan) and PNNL (Sheri Matzner) are possible presenters.
5. Status of I-P manuscript: we did not talk about this however Roel informed me that he has not heard back from the journal but that he does have the 2-pager on his list to work on.
6. Status of white papers: All white paper materials being developed for discussion in Sweden should be completed and ready for distribution by May 12 (which is 6 weeks from now). This will allow up to 4 weeks for members to review and consider these important products ahead of the meeting.
- a. **ACTION**: Andrea and Elise will develop an annotated outline of the risk management white paper by May 12.
 - b. Marijke developed a survey and distributed it for review and comment in early February. **ACTIONS**: Karin will redistribute that email. All – please review and provide comments if you have not already.
 - c. Åsa was to provide the next draft outline for the green vs green white paper by the end of March. **ACTION**: Let Karin know when this draft will be distributed. **ACTION**: Once distributed, please provide comments back to Åsa by her requested date (to be determined) so that she can incorporate them and distribute the document by May 12 for review ahead of the June meeting
7. WIRE article: The article should be about 8 pages and should be referenced, to the extent possible. Photos, graphs, figures, and other visual representations would help break up the text. Below is the proposed outline. **ACTIONS**: Submit your sections (1 page or less each) to Karin by April 28. Earlier would be preferred. Karin will plan to distribute the full document by May 8 for review by all WREN members.

1. Overview of WREN (Karin)
2. Overview of WREN Hub - maybe include WREN Hub figure (Andrea)

3. Overview of AM white paper (Andrea and or Finlay)
 4. Overview of I-P manuscript (Roel and or Muriel)
 5. Overview of Cumulative Impacts (Marijke)
 6. Overview of green v green (Åsa)
 7. Overview of risk based management (Andrea and or Elise)
 8. Conclusion, presenting linkages between the various topics (Roel)
8. New member, Ryan Zimmerling representing Canada, is interested in bats and migratory birds. He works on novel topics, including estimates of the magnitude of the impact of wind on species. **ACTION**: Please engage Ryan in any of the WREN tasks you are working on.