

Annex IV Meeting Country Analysts

October 30, 2017

1500 GMT Meeting Attendees:	0000 GMT Meeting Attendees:
Jan Sundberg (Sweden)*	Daisuke Kitazawa (Japan)*
Hans Chr Soerenson (Denmark)*	Ou Ling (China)*
Jennifer Fox (UK – Aquatera)	Andrea Copping (US – PNNL)*
Paul Morgan (UK – Aquatera)	Simon Geerlofs (US – PNNL)
Candace Nachman (US – NOAA)	
Andrea Copping (US – PNNL)*	
Simon Geerlofs (US – PNNL)	
Mikaela Freeman (US – PNNL)	

*Country analysts

The regular bimonthly meeting of the Annex IV analysts focused on updating the analysts on *Tethys* statistics and use, giving results from the US Regulator Survey and State of the Science literature review, discussing the upcoming theme of data transferability, explaining the final OES position paper, reporting out on the EWTEC conference and workshop, and notifying analysts of upcoming events and conferences. The first meeting was held to engage the European, North American and African representatives, while the second meeting engaged the Asian and Oceania representatives. The US representative was on both calls.

Andrea presented slides (attached) on the following topics:

- *Tethys*: statistics and use
- Regulator Survey
- Data transferability
- OES paper
- EWTEC: workshop and conference
- Upcoming Events

***Tethys* – statistics and use**

- Daisuke – entanglement is an issue that many Japanese developers are interested in. May be interested in translating the Entanglement SSS. Fishing around marine devices and potential for derelict gear entanglement is an issue.
- Daisuke – how is the Management Measures tool driven?
- Andrea – spreadsheet driven; as new information comes in, it can be updated and changed. It is a “dynamic” tool and is a good place to start the discussion between developers and regulators. Please take a look, try it out, and let us know.

Regulator Survey

- Andrea – would regulatory survey be useful in other countries? (no responses)

Data transferability

- Paul – working on project with video data on tidal, pulling out technical lessons learned that we can share
- Andrea – that would be great. Would be good to get a smaller group together to talk through data transferability and consistency issues. Request to have analysts review the upcoming white paper. If you or one of your colleagues has an interest in this and would like to participate, we would like to know that (need to follow up on this request)

Roundtable

- Jan – not much new, will digest slides and get back to Andrea and will help with the transferability topic
- Andrea – great and hoping you will help thinking through EIMR socio-econ workshop
- Daisuke – Ocean current turbine (IHI) tested their devices, towing test in the ocean. They moored their 100kw device for one week and then will moor the devices for one year, next year. Until this year, they had their funding from NETL. The device is an anchored device that is 11 meters in diameter and 100 meters long. First open water test for ocean current. (Mikaela will ask for metadata information, Daisuke will send info on the project – no environmental data yet)
- Daisuke – the Ministry of the Environment, Mitshubishi and Kawaski all joined in to install a tidal current device, but backed out. Now the Ministry of the Environment wants to install an OpenHydro device in 2019 near Goto Island, western part of Japan. Will put in one device
- Ling – very interested in the regulator survey; China is at the stage of device research and design and not sure about the government role. Research on this would be helpful.
- Andrea – we will send you the survey questions and can send the survey monkey link. (Mikaela will get in touch with Ling)
- Ling – we are hoping that we can get the State of the Science manuscript added and translated, we have no company to edit the document, so we are doing it ourselves.
- Andrea – need to check that PNNL can put it back into the template and format it, like we did with the executive summary (Andrea will check on this).
- Ling – very interested in ICOE and AWTEC (Taiwan). Both conferences are on the schedule of Xu Wei.
- Daisuke – I am also planning to join this conference.
- Andrea – Zhaoqing and I are trying to put a session together