Mid-term check EID EU Eagre project
26-03-2021 Draft Agenda
Time: 9:00-14:00 (partly) Leeds time
Locations: Brussels-Leeds-Wageningen via Teams

Present/invited:
<u>Wajiha Rehman</u> (Leeds)
<u>Yang (George) Lu</u> (Leeds)
Filippo Gagliardi (EU Brussels)
Onno Bokhove (Leeds)
Tim Bunnik (Wageningen)
Bulent Duz (Wageningen) -tentative
Sanne van Essen (Wageningen) -tentative
Arjen Koop (Wageningen) -tentative

Agenda *(indicative times)*

1) Introduction: Short introduction by the REA Project Officer and the Project Coordinator (~5 minutes) on the purpose of the meeting. *9:00-9:10 All*

2) Tour de table: All scientists-in-charge should briefly present their research team and describe their role within the network. Introduction of the Partner Organisations (if any) (~30 minutes). *9:10-9:40 All*

3) REA Project officer presentation: presentation on the monitoring of project implementation, reporting and purpose of the mid-term check (~20 minutes). *9:40 - 10:00 All* (short break)

4) Coordinator's report: Presentation of the Network and the progress covering the following aspects (~between 45 and 60 minutes): *10:15-11:00 All*
   - a) Recruitment report;
   - b) Deliverables;
   - c) Milestones;
   - d) Ethical issues, if applicable;
   - e) Management meetings (activities of the Supervisory board, etc.);
   - f) Financial aspects (if necessary);
   - g) Critical implementation risks and mitigation actions;
   - h) Any proposed re-orientations of the network's activities.
   - i) Document management and Open Research Data, if applicable

5) Fellows' individual presentation: Every fellow funded by the project will present herself/himself, his background and present his/her individual research project (foreseen research, training, secondments, etc.). Scientific results are not expected in the presentations at this stage of the project (~5/10 minutes per fellow) *11:00-11:20 All*

6) Restricted session with the fellows (~1 hour). 11:30-12:30

7) Restricted session: Meeting between coordinator and Project Officer to discuss any issue (~15 minutes). 12:30-12:45

8) Feedback and open discussion: Feedback from the REA Project Officer on the output of the network so far, on possible training areas for future exploitation or the impact on fellows' future careers development (~15-30 minutes). *13:15-14:00 All*

9. Closing *14:00 All*

Appendix A Upcoming deliverables TBC
Note month 8 (or 9) is our starting month October 2020. Month 2 is February 2020.

- WP5 D46 Establish data management plan 30 June 2020. Done. See minutes kick-off meeting on GitHub page https://github.com/obokhove/EagreEUEID20202023
- Kick-off meeting 29-02-2020; took place on 02-03-2020 see minutes on https://github.com/obokhove/EagreEUEID20202023
- Supervisor board established 29-02-2020; done in 03-2020: see minutes on https://github.com/obokhove/EagreEUEID20202023

- Kick-of meeting September 2020 now 18-01-2020; make minutes; place on GitHub

- WP4 D4.1 D41 old DD1; Launch public media pages; WP4; UoL; Media; Media online; 30-09-2020 moved to 18-01-2021 To do: now completed.

- WP1 WP1.1 D1.1 D1: Scientific: Reformulation/reproducing & HPC; interim report I; 30-04-2021 -> 30-06-2021
- WP1 WP1.2 D1.2 D2; Scientific benchmarking; update interim report I; 30-06-2021 -> 30-08-2021
- WP1 WP1.2 3-soliton ; update interim report I; 30-08-2021 -> 30-10-2021
- WP2 D2.1 D12 "D12; Mathematics; WP2.1; UoL (ESR2); Maths; Report I/draft2028note A; 30-04-2021 -> 30-06-2021
- WP2 D13 Numerics/ Mathematics WP2.2 Interim report II; 31-07-2021 -> 30-09-2021

Appendix B Some WP's
WP1.1 Create a complete numerical finite-element wavetank for high-amplitude potential-flow water waves with a breaking-wave parameterization, optimized for parallel computing, wave generation and wave damping at beaches, in both two and three dimensions (2D and 3D). Explore coordinate transformations as well as dynamic mesh motion.

WP1.2 Develop and deliver a (new) series of benchmark cases (soliton splashes, Stokes, Rienecker-Fenton, (ir)regular, short-crested waves, random waves, etc.) for the wavetank of WP1.1.

WP2.1 Formulate the nonlinear mathematical theory of potential-flow water waves coupled to a nonlinear hyperelastic beam (wind-turbine mast) in 2D and 3D, also using the applicants' new asymptotic analysis of the two-way feedback mechanism (cf. Salwa *et al*. 2017; Kelmanson 2018/2019).

WP2.2 Derive a compatible numerical discretization of potential-flow water-wave motion and a prescribed beam (or waveflap) motion in 2D.

WP4/old DD1 Launching and maintenance of active Wordpress blog, Facebook page, webpages and Twitter account throughout the projects; items for MARIN's/MARIN BV's website and news items, announcement of presentations, new results, activity summaries etc., augmented by the presentation of movies and photo impressions; and, proactive external stimulation to seed invitations invited to give public presentations.

See files referred to in Appendix C

Appendix C Files with Milestones and deliverables etc.
See also 859983Annex1Descriptionoftheaction(part A).pdf
and details in back off: EagreMARINUoLAnnex10012021full.pdf
Minutes of March 2020 & January 2021 meetings:
https://github.com/obokhove/EagreEUEID20202023