

## Minutes and Agenda EU-EID EAGRE Kick-off Meeting

Electronic Meeting Monday 02-03-2020 at 12-13 BMT, 13-14 Dutch time

Communication: via BlueJeans; downloaded on iMac; <https://bluejeans.com/136239102>

### Attendance:

Tim Bunnik (MARIN) & Onno Bokhove (University of Leeds; takes minutes; included in *italics*; **action points** indicated in ***bold-italics***).

### Agenda

1.. Opening, introduction and approval agenda.

- *Okay.*

2.. Announcements:

- Prof Mark Kelmanson is retiring and no longer a co-I on the EAGRE project. There is a potential replacement. *TBD.*

- *EU has been informed.*

3.. Data management plan; discussion, amendment, approval. Including webpage of project.

- To make or sync GitHub site EAGRE; there is now a SurfsUp one with all codes:

<https://github.com/obokhove/SurfsUP20142019>

- ***AP1-02032020 Action point Tim Bunnik:*** *Ask Geert Kapsenberg where the TU Delft experimental data are and decide where to keep these, preferably accessible to both parties (MARIN/Leeds) and/or the outside world; think about use in code testing. [Geert even vragen waar de TUD Delft data zijn en hoe daar mee om te gaan.]*

***To do!***

- Zenodo site is used for programs and large data files (at least for each paper).

- Webpage EAGRE cf. SurfsUp webpage in progress:

<http://www1.maths.leeds.ac.uk/surfsupEUEID/index.html>; webpages ESRs; to do by ESRs once they have arrived.

- Public facebook and wordpress blogs ESRs' outreach activities, cf SurfsUp; to do by ESRs once they have arrived.

- Firedrake, e.g. examples from SurfsUp:

[https://www.firedrakeproject.org/demos/linear\\_fluid\\_structure\\_interaction.py.html](https://www.firedrakeproject.org/demos/linear_fluid_structure_interaction.py.html) (wave-beam model)

[https://www.firedrakeproject.org/demos/benney\\_luke.py.html](https://www.firedrakeproject.org/demos/benney_luke.py.html) (Benney-Luke mode)

- Examples Zenodo from SurfsUp:

<https://zenodo.org/record/253916#.Xle56db7TXQ> (Benney-Luke model)

<https://zenodo.org/record/816221#.Xle631dwUow> (wave-beam model)

***AP2-02032020 Action point Onno:*** *GitHub rights accessible for every participant of MARIN or UoL upon request; make webpage EAGRE.*

***AP3-02032020 Action point Onno:*** *make Data management plan based on the above and submit to EU for approval.*

***09-03: see site & draft plan at*** <https://github.com/obokhove/EagreEUEID20202023>

***09-03 See site & draft website***

***at:*** <http://www1.maths.leeds.ac.uk/eagreEUEID/index.htm>

4.. Consortium agreement; for discussion only as arrangement by respective HR-EU offices; Cigdem has contacted you.

- Update from Cigdem via Onno. **01-04-2020: agreement still not closed.**
- Budget proposal update; *provisionally allocate 37.5k for experiments; 5k for computer equipment at MARIN. To be fixed later.*  
**AP4-0203202 Action point Tim Bunnik:** *specify costs of courses at MARIN (2x2) so they can be added to the provisional budget. The costs are 2000 pp per course, so total: 4x2000 Euros=8000 Euros. Action point closed late 03-2020.*

5.. Formally establish supervisory board and let them connect with another. According to the proposal it consists of:

- Director of Research in Applied Mathematics at the School of Mathematics Dr Nicola Gambino, Prof. Steve Tobias (director of LIFD, co-director of Leeds' CDT in Fluid Dynamics).
- MARIN Academy BV's R&D Department Managers, Dr Henk Prins.  
*Correct, it is Dr Henk Prins.*
- **AP5-02032020 Action point Onno:** *Onno will send an email to the supervisory board. The supervisory board should establish itself via an email exchange and/or an electronic meeting.*  
***09-03-2020: Email sent out; supervisory board thereby established.***

6.. Advertisement and interviews: discussion and plan. Advertisement is now out in several places. See: <https://euraxess.ec.europa.eu/jobs/495990>  
<https://jobs.leeds.ac.uk/Vacancy.aspx?ref=EPSMA1015>

- Establish members interview committee: Onno Bokhove, Cath Noakes, HR-person Leeds, members MARIN (-); presentatie. **AP6-02032020 action point: Tim Bunnik** *in interview committee via Bluejeans.*
- Establish medium: *BlueJeans.*
- Establish location of interview: *Leeds.* 2<sup>nd</sup>: chosen ESRs (once offer accepted) make visit to MARIN as last check once 2 candidates chosen.
- **AP7-02032020 action point Onno & Tim:** *As safeguard let 2 ESRs visit MARIN in Wageningen after they have accepted the offer. Agreed. **To do!***
- **AP8-02032020 action point Onno:** *What about visa issues in UK & NL; Onno make inquiry to Cigdem? **To do!***

7.. Programs: on the science before ESRs arrive.

- To do: run Gidel's and Salwa's programs on Firedrake: Onno & MARIN before summer. TBC. Also in line with agenda point 8.

8.. Papers: do some science before ESRs arrive.

- Gidel, Bokhove, Kelmanson 2020a: Finish and submit paper JCP basic 3D potential flow model. Update Firedrake example and GitHub, Zenedo. 95% done.
- Gidel, Bokhove, Kelmanson 2020b: Paper on coupling. 80% written.
- Gidel et al. 2020: paper on wavetank experiments and simulations. TBD.
- **AP9-02032020 Action point Onno:** *send Tim & Geert pdf-version of Dr. Tomasz Salwa's thesis. (Apologies Onno for not having done that earlier.)*  
***09-03-2020: links to theses sent to Geert & Tim (pdf-format).***

9.. AOB/Wvttk

- Project starts per 1 January 2020. ESRs starts around 01-09-2020 (maybe a few months earlier); 18 months later at MARIN.

- *Geert Kapsenberg. Bulent Duz for Firedrake and maybe Sanne van Essen (experiments). TBD.*
- *Mid-term is at 14 months. Will be communicated.*

10.. Closure/Sluiting. *Closure at 12:47. UK time.*