

Sea Ice Working Group

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- *SIWG dedicated to sea ice in NEMO*
- *About 15 people from all institutions but INGV + Experts from Louvain-la-Neuve. Could get more people in the coming years.*
- *Meeting in Reading in March 2019 dedicated to:*
 - *evaluation*
 - *funding*
 - *naming*
 - *long-term strategy*

[Minutes on the SIWG page]

1. Evaluation

- 4.0 code is our starting point
- Need melt ponds and drags to be finalised (coming months). Orthogonal so either in the 4.0 or as a dedicated branch.
- Evaluation toolboxes within NEMO tools through CMEMS project.
- Provisional 200k€ CMEMS proposal involving Reading and LLN for evaluation (2018-2020)

2. Other funds to come

- IS-ENES (transition phase & documentation)
- H2020 (rheology)

... to be planned once they come.

3. Naming: SI³

- Issues with eSIM
- **SI³: “Sea Ice modelling Integrated Initiative”.**
- The 3 can also be related to the merge of 3 sea ice models (LIM/CICE/GELATO) – in particular that all models said “Si” to sign up –
- The model represents linkages between 3 different media (ocean, ice, snow).
- The model will be spelt “SI3” in situations where the superscript could be problematic (i.e., within code and svn repository etc.)
- The model name would be pronounced as “si-cube” for short (or “sea ice cubed” for slightly longer).

4. Long-term strategy

- 2019: Next annual workshop of the SIWG early 2019 (location ?)
- A series of developments are to come in the next 3 years (until 4.2). Have been distributed, except a few conflicts among groups that should be solved (snow, FSD).
- Regarding the long-term strategy and the revision of the NEMO development strategy document, we plan an international workshop in late 2019.