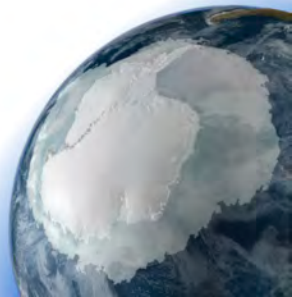


## Towards an inter-comparison framework for Ice Sheet Models

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## What already exists?

- European Union's Ice2Sea. 20 european partners, funded through grants.
- NASA SeaRISE effort. 15 ice sheet models, no-funding, voluntary base, community effort.
- Provide benchmarks for inter-comparison of results which are different/contradictory – > need to synchronize, synergise.
- Issues with un-funded load on ice sheet modelers, processing of combined results.
- In the process of renewing, developing 2nd generation of intercomparison products (SeaRISE2,Ice2Sea follow-on) – > time is right to propose including these efforts under a CLIC sponsorship.

## Where CLiC could help

- Facilitate organization of workshop to bring SeaRISE and Ice2Sea communities to brainstorm next generation of benchmarks, emulating CMIP5 benchmark framework.
- Provide support for dissemination of results for use by ESMs, for ex. on EarthGRID?
  - for already existing SeaRISE and Ice2Sea efforts.
  - for next generation of benchmarks (include requirements at the onset!)
- Facilitate integration of new observations (IceBridge, CryoSat) by emulating OBS4MIP framework.