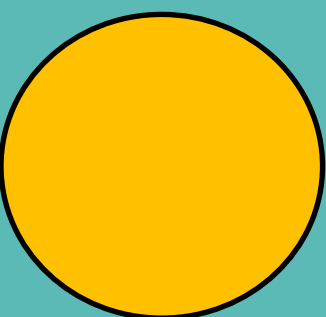# NICEST2
Steering Group meeting
18th November 2022

Anne Fouilloux, Project Manager, annef@simula.no

Project status – WP1: Management

- **Task 1.2** (Simula): Day-to-day project management, coordination and internal communication (M1 – M36)

    - Project Manager changed institution which impacted project communications (less Project meetings and no external communications). Back on track since mid-november.
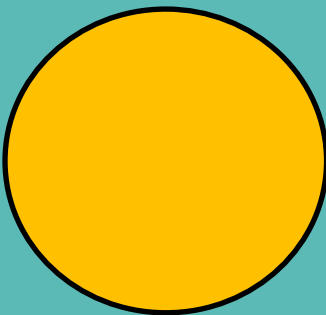
Status ⬤

Project status – WP2: Diagnostics

- **Task 2.2 (FMI):** Development of new ESMValTool diagnostic modules for the Nordic regions (M7 – M24)
  - ☐ 2 diagnostics selected but one had to be revised because of its complexity;
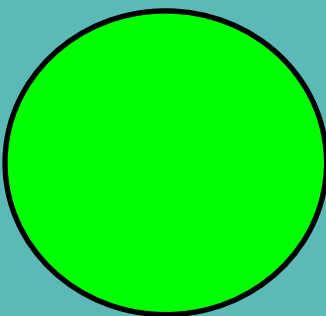 - ☐ D2.2 (M30) will be delayed.

  Status ⬤

- **Task 2.2 (NERSC)**: Development of teaching material for learning how to use ESMValTool diagnostics over the Nordic regions (M18 – M36)
  - ☐ Task has not started yet (will start in 2023) but it should not have any impact the project and upcoming deliverable (D2.3, M36).
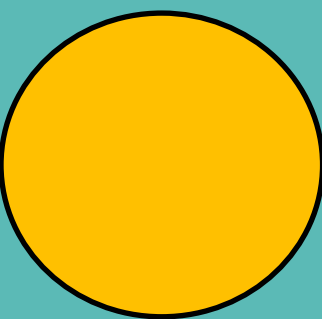
  Status ⬤

Project status – WP3: FAIR climate

- **Task 3.1** (SNIC): Support for Nordic ESGF hosting of CMIP6 data (M1 – M36)
  - ☐ ESGF nodes operation task is ongoing;
  - ☐ ESGF workshop organization (D3.2, M30) most likely delayed.
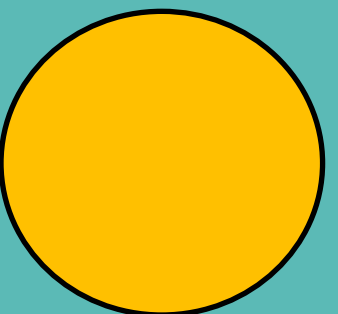 - ☐ Staffing issues with SNIC reorganization.

  Status ●

- **Task 3.2** (SNIC): Towards FAIR Nordic climate modeling data (M4 – M36)
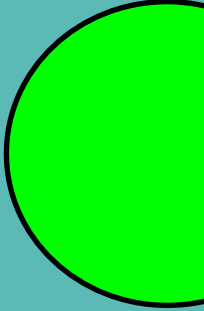
  Status ●
  - ☐ Successful FIP workshop with EOSC-Nordic (D3.6, M24)
  - ☐ No follow-up planned due to issues related to SNIC reorganization. Not critical yet because deliverables D3.4 "FAIR roadmap" and D3.5 "Data Management Template for FAIR Climate data" are due M36.
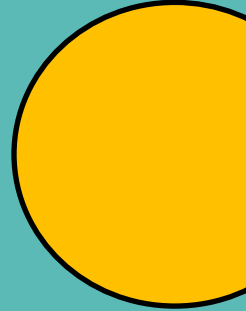
Project status – WP4: efficiency

- **Task 4.1 (UiO/Sigma2)**: Reproducible workflows for deploying and running ESM on future HPCs (M4 – M30)

  - Collaborate with EuroScienceGateway to increase impact and facilitate the development of the demonstrator (D4.2 workflow, D4.3 Training, M36);
  - Pangeo JupyterHub deployment on EOSC with EGI-ACE and the Pangeo community (> 60 users)

  Status ●

- **Task 4.2 (NORCE)**: Efficiency of Nordic ESMs on future EuroHPC (M4 - M36)

  - D4.4: workshop with national HPC providers (moved to M18) has been replaced by a survey. No interest from HPC providers & Climate Community to meet and discuss way forward;
  - Ongoing work with GPUs (BLOM) for D4.5;
  - Evaluate the efficiency of climate models on ARMs (D4.5); Status ●
  - Investigate tools to assess I/O efficiency in climate models (D4.6).

Beyond NICEST2

- Upcoming EU calls?
  - EuroHPC & EOSC?

- NeIC: new topics? Synergies with weather forecasts?
  - EWPE: Energy-efficient Weather Prediction at Exascale

- New collaborations? New partnerships?