	januari	februari	march	april	may	june	july	august	september	october	november	december

Scenario 1: Cartesius + Stampede

Get access to stampede

Port CESM to Stampede
Create CESM-EYRg-v1

Prepare 2 KM dataset
Prepare Connectivity

Initial 10KM experiments
Initial 2KM experiments

Notes Scenario 1:

- A 100G transatlantic link is available until end-of-may. After this its status is unclear. Because of this, scenario 1 and 2 have been swapped.
- Cartesius access and 10 KM dataset are already available

Scenario 2: Cartesius + SuperMUC

Get access to SuperMUC

Port CESM to SuperMUC
Prepare Connectivity

Run 10KM experiments
Run 2KM experiments

Notes Scenario 2:

- Cartesius and SuperMUC can use the existing PRACE link. So very little connectivity preparation is necessary.
- We already have 1M core hours on SuperMUC ?

Scenario 3: Cartesius + Stampede + SuperMUC

Run 10KM experiments
Run 2KM experiments

Scenario 4: Cartesius + Emerald

Get access to Emerald

Port CESM to Emerald
Port POP-CUDA kernels to CESM
Create CESM-EYRg-v2

Prepare Connectivity

Run 10KM experiments
Run 2KM experiments

Notes Scenario 4:

- GPU expert Ben is unavailable at the beginning of the year. This has an effect on the start of scenario 4.
- Scenario 4 is relatively independent of the other scenarios, so it is easier to move around.