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## Regional climate modelling

- **EU-wide community;** SE, DK, UK, FR, IT, DE, NL, CZ, ES, AT, GR, LU, HR, HU, PT, IR, BE. Also NO, CH, IS
- **HPC-intensive:** E.g., SE: CORDEX-runs of 9 mio core-hours, 200 TiB data on disk. Estimated HPC-need increase ~7x by 2016.
- **Community bottlenecks:** HPC availability, data management, transfer and distributed access, code-modernization

(EC-Earth

- **EU-wide collaborative ESM:** NL, SE, DK, ES, IR, IT, PT, DE, BE. Also NO)