



HPC for Climate Modelling and Simulation



- ETP4HPC, the **European Technology Platform (ETP)** for High-Performance Computing (HPC) (www.etp4hpc.eu) is an organisation **led by European HPC Technology providers** with an objective **to build a competitive HPC value chain in Europe**.
- In its **Strategic Research Agenda (SRA)**, we define a roadmap for the development of HPC technologies (towards Exascale) and we have consulted end-users (application users and developers) in this process. **Their requirements are: simplicity and stability.**
- We have formed a contractual Public-Private Partnership for the development of the entire HPC ecosystem:
 - To build a European world-class High-Performance Computing (HPC IT) technology value chain that will be globally competitive.
 - To support a EU leadership and world-wide excellence in key application domains for industry, science and society that are most important for Europe,
 - facilitating the provision of innovative solutions for grand societal challenges
 - allowing the development of the future applications for the next exascale computing generation

Given that climate does not respect national borders, cooperation will be the key to any solution.

Strategy for model data, access, interoperability, model simulation environment, input/output systems, visualization tools, ...

