

## Project : P3 [Productivity & Performance Portability]

### Abstract:

DKRZ provides scientific climate researchers with powerful and usable HPC systems. However, usability and performance become a difficult to realize combination with increasing complexity of modern HPC systems. Comparing the long life time of climate models with the variety and rapid change of HPC systems shows that performance portability is another important problem.

DKRZ investigates solutions to these challenges in cooperation with partners who have a common interest in these concepts, e.g., via the ESCAPE and ESIWACE EU projects and in discussions with DKRZ shareholders.

The P3 project (Productivity & Performance Portability) provides HPC resources to support DKRZ internal work in connection with the above activities.