

How PRACE supports the climate community ?

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- Support to large scale international research projects
 - More than 400 million core hours for 12 projects
 - 5% of the total number of resources and 4% of the total number of projects
 - Projects from academia to industry
 - P.L Vidale (NCAS, UK) : High resolution global climate models applied to extreme events – 144 Mh on Hermit (HLRS@GCS) → First ever in the domain
 - ARIA Technologies (France) : risk assessment applied to extreme rainfall conditions and flooding– 6 Mh on CURIE (TGCC@GENCI)
- Support to application development
 - Preparatory Access for porting and scaling out of climate apps
 - Co development (software refactoring, development of new algorithms) - PRACE-2IP WP8 « Community code scaling »
- Training
 - 6 PRACE centers (PATCs) 71 courses in 2013
 - Support to specific actions : « 2nd European Earth Systems & Climate modeling school »

