



Dissemination and Exploitation of Grids in Earth science

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DEGREE (Dissemination and Exploitation of Grids in Earth science

) is a Specific Support Action (SSA) project which aims to promote Grid throughout a large and diverse Earth Science (ES) community, in order to increase the awareness and uptake of Grid technology and infrastructure by EU Earth Science Industry and Research communities. Although several Earth Science applications have been ported on Grid infrastructures since 2000, Grid technology is still undergoing development and the Earth Science community is very reluctant to deploy their applications on it. Therefore, DEGREE also seeks to address the barriers which stand in the way of a wider uptake of the technology, such as perceived complexity of the middleware, insufficient support for important ES functions and vital additional services.

A major challenge for DEGREE is to build a bridge linking the ES and Grid communities throughout Europe, and focusing in particular on the EGEE-II Project. An ES applications panel with a range of candidate applications suitable for porting to Grid will make sure key ES requirements for porting and deployment on the Grid middleware are identified, communicated and discussed within the Grid community.

The results will provide feedback to the Grid community and dissemination in the ES community will increase awareness of and involvement with Grid developments.