From: "Dominik Ulmer"

To: "Peter Bauer"

Cc: "Pascal Barbolosi", "Fiona Burgess", "Adrian Tate", "Mario Mattia"

Sent: Wednesday, 10 January, 2018 16:20:05

Subject: Endorsement

Dear Dr. Bauer,

With this letter, I would like to express Cray's fullest support of the project ExtremeEarth submitted as flagship project proposal to the EC under the call FETFLAG-01-2018, should the project be selected for funding.

Cray builds innovative systems and solutions enabling researchers to meet existing and future simulation and analytics challenges. Leveraging years of experience developing the world's most advanced supercomputers, Cray brings a comprehensive portfolio of supercomputing, storage, and data analytics solutions delivering unrivalled performance, efficiency, and scalability. Cray continues to invest in and leverage key technologies in order to provide the best possible solutions to the numerical weather prediction and earth system modelling communities. In addition, Cray has more than 25 software application personnel dedicated to weather, climate, and ocean modelling - many in Europe. Cray also has a long and strong collaborative relationship with the weather and climate community around the world. Furthermore, Cray has extensive experience in co-designing purpose-built and leading-edge supercomputer solutions with scientific communities.

Cray supports the aims of the ExtremeEarth project for realising a step-change enhancement of the earth-system modelling capabilities in the future. The objectives of the project represent some of the most challenging and most urgent scientific, technical, and societal challenges in scientific supercomputing. As Cray's mission is building computational tools that help changing the world, we fully endorse the project and are interested in contributing to its success.

Sincerely yours,

Dominik Ulmer

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