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To whom it may concern,

**CENTER FOR ENERGY**

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**Endorsement of the European Flagship candidate project ExtremeEarth (CSA proposal)**

On behalf of the Austrian Institute of Technology (AIT) I express our support for the proposed CSA proposal to develop a FET Flagship Project Extreme Earth.

We are following the activities of the climate and geoscience communities to develop a joint FET Flagship candidate project on enhancing Europe's capability to predict and monitor environmental extremes and their impacts on society enabled by the integration of edge and exascale computing and beyond, and the real-time exploitation of pervasive environmental data.

We understand that the capacities and capabilities will provide the basis for knowledge on future development of climate change of a scale relevant to action by regions and cities. AIT could act as an institution using these capacities, translating them into relevant services for regions, cities and communities. An example could be to provide relevant data sets for climate change processes of the City of Vienna which might see significant increase in draughts and heat waves with the resulting needs for adaptation of municipal infrastructures and services.

With our applied research background in relevant fields, we see strong links to the aims of the proposed project ExtremeEarth. Therefore, AIT very much welcomes and strongly supports this proposal.

The ExtremeEarth project aims to reflect the views and requirements of scientific, technological and service oriented communities that are included in the project for realizing a step-change enhancement of their capabilities in the future. The representation of these communities will be developed throughout the evolution of ExtremeEarth, from preparatory action to Flagship

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project, through endorsements, consultations and formal project partnership. The endorsement of the Flagship candidate project ExtremeEarth implies that the endorsing entity supports the scientific, technological and programmatic objectives of ExtremeEarth.

This endorsement does not imply any legal or financial commitments towards the ExtremeEarth project. Support will imply that statements and logos of supporters may be shown on the ExtremeEarth website.

**AIT Austrian Institute of Technology GmbH**

**Nikolas Neubert**  
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