acting DIRECTOR GENERAL
Joanna Szczepańska

Warsaw, 30 August 2018
OGŁ/NZ-062-64/18/DN- 1609

Dr. Peter Bauer
Deputy Director
Research Department
European Centre for Medium-Range Weather Forecasts
Shinfield Park, Reading RG2 9AX, UK

Dear Dr Peter Bauer,

With honour and pleasure I would like to inform you that all R&D units of the Institute of Meteorology and Water Management – National Research Institute MGW-PIB), Poland (including remote sensing, nowcasting and NWP departments, as well as many dependent sections) are really interested and looking forward to establishing and maintaining a truly European cooperation within the field of Extreme Earth Flagship programme in the forthcoming call for proposals EU Horizon 2020.

IMGW-PIB together with Meteo-France and other 26 Aladin-HIRLAM national Met Services for over 20 years have been cooperating fluently on a wide range of international technical, interpersonal and research issues achieving remarkably high level of expertise. We have developed AROME and ALARO models from their very beginning, and hope that substantial increase of computer power will enable to raise the precision and predictability scores of all our models, as well as to integrate them with Meteo-France's global model ARPEGE.

New data assimilation algorithms are expected to add coherence to the model results more efficiently, providing a stronger and more rapid common alerting system against severe weather events. This seems to be the most challenging task to do during ever increasing climate change and massive rise of frequency and destructive power of extreme weather events. The potential consequence of this kind of development within Extreme Earth Flagship programme is saving something incomparable with any property: human lives.

Let me express my very real hope that the Extreme Earth Flagship Programme will be the dawn of a new era of multilateral, pan-European cooperation, in one of the most important, universal fields in the 3rd decade of 21st century.

With best regards,

p.o. DYREKTORA
Joanna Szczepańska