Bonjour,
Rappel sur l'AO H2020 en cours avec une date limite fixée au 1er mars 2017. Merci de le diffuser au plus grand nombre.
Cordialement,
francois

RESUME DES DEUX APPELS A PROPOSITION

COMPET-4-2017

Budget total : 6M€ ; budget max par projet : 1.5M€

DESCRIPTIF : ACTIONS VISANT À SOUTENIR L'EXPLOITATION DES DONNÉES SCIENTIFIQUES PLUS PARTICULIÈREMENT DANS LES DOMAINES DE L'ASTROPHYSIQUE, L'HÉLIOPHYSIQUE ET DE L'EXPLORATION DU SYSTÈME SOLAIRE.

Specific challenge: Support the data exploitation of European missions and instruments, in conjunction, when relevant, with international missions.

Scope: This topic will cover the exploitation of all acquired and available data provided by space missions in their operative, post-operative or data exploitation phase focusing on astrophysics (including exoplanets), heliophysics and the Solar System exploration, including the Moon.

Projects selected under this call may rely on the data available through all the available ESA Space Science Archives when possible or other means (e.g. instrumentation teams). Combination and correlation of this data with international scientific mission data, as well as with relevant data produced by ground-based infrastructures all over the world, is encouraged to further increase the scientific return and to enable new research activities using existing data sets. These activities shall add scientific value through analysis of the data, leading to scientific publications and higher level data products. When possible, enhanced data products should be suitable for feeding back into the ESA archives. Resulting analyses should help preparing future European and international missions. International cooperation is encouraged in particular with countries active in space exploration and science, or where their participation is deemed essential for carrying out the activities of this topic.

The Commission considers that proposals requesting a contribution from the EU in the range of EUR 1.5 million would allow this specific challenge to be addressed appropriately, including through proposals from small teams. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected Impact: A higher number of scientific publications based on Europe's space data, high-level data products made available through appropriate archives, and tools developed for the advanced processing of

data. Proposals are also expected to add value to existing activities on European and international levels, and to enhance and broaden research partnerships.

COMPET-5-2017

Budget total : 3M€ ; budget max par projet : 1.5M€

DESCRIPTIF: ACTIONS VISANT À RÉALISER, DANS LE DOMAINE DE LA MÉTÉOROLOGIE SPATIALE, DES ÉTUDES EXPLORATOIRES POUVANT COUVRIR TOUS LES PHÉNOMÈNES ET LEURS IMPACTS, AINSI QUE LES TECHNIQUES ET STRATÉGIE DE RÉDUCTION DE RISQUE POUR DES APPLICATIONS AÉROSPATIALES ET TERRESTRES.

Specific Challenge: Space weather services exist already today in Europe and in several countries outside the EU. New services are also being developed (e.g. in ESA's SSA programme and in EU Seventh Framework Programme projects). Their goal is to observe and to predict a range of solar events that may impact the near Earth environment including orbiting satellites and ground based systems. However there is a lack of understanding of the effects of space weather on space systems including spacecrafts, payloads and living organisms in space as well as on ground-based infrastructure.

Scope: Exploratory work studying space weather with a view to enhancing the understanding of space weather and its impact. Proposals can cover the full range of space weather phenomena from the solar cycle, flares and coronal mass ejections to the effects of the solar wind in the near-earth environment and the evolution in between. There is scope for cooperation with international partners with relevant expertise (entities from third countries could benefit from EU funding under this topic).

This activity shall address space weather and its effects, impacts and mitigation techniques with application to aerospace and ground systems.

The Commission considers that proposals requesting a contribution from the EU of between EUR 1 and 1.5 million would allow this specific challenge to be addressed appropriately. Nonetheless, this does not preclude submission and selection of proposals requesting other amounts.

Expected Impact: Proposals are expected to improve the understanding of Space Weather phenomena and their impact on space systems and terrestrial infrastructure, and are also expected to analyse viable mitigation strategies, and to demonstrate how these add value compared to existing mitigation strategies.