Planetary Protection of Outer Solar System

Fact Sheet

Project Information

PPOSS
Grant agreement ID: 687373
Project website

Funded under H2020-EU.2.1.6.
Overall budget € 996 106,25
EU contribution € 989 856,25

Coordinated by FONDATION EUROPEENNE DE LA SCIENCE, France

Start date 1 January 2016
End date 31 December 2018

Objective

While significant effort has been and is being provided to address planetary protection in the context of inner Solar System exploration, and in particular Mars, PPOSS will allow tackling the scientific, technological and policy-making specifics of Planetary Protection (biological and organic contamination) of outer solar system bodies, including small solar system bodies.

Through an intensive three year programme, the project will nurture and catalyse discussions, analysis, exchange of knowledge and definition of strategic science and policy recommendations, therefore allowing a leap in the understanding of biological and organic contamination in the frame of outer solar system bodies’ exploration. PPOSS intends to consider and delineate the state of the art, identify lessons to be learnt and good practices in planetary protection. Looking forward, PPOSS will identify scientific challenges and knowledge gaps as well as define scientific requirement for outer Solar system bodies planetary protection. PPOSS will also involve interactions with the European industry and will develop as
set of European industry roadmaps. Eventually PPOSS will use and integrate the information and knowledge produced through the project to provide science and policy recommendations for the definition, improvement, and implementation of an adequate planetary protection policy for outer Solar system bodies. PPOSS will also be very active on dissemination and exchange of Planetary Protection-related knowledge and know-how.

PPOSS will bring in four international partners from three non-European countries (Japan, China and Russia) as well as one observer from US. Participating in the project implementation (they will be part of the Steering Committee) and involving their experts, these organisations will enrich and extend the scope of the project, making it a true international initiative.

PPOSS will last 3 years but COSPAR will be maintain and update its main outputs beyond its lifetime.

**Programme(s)**

**Topic(s)**

**Call for proposal**

H2020-COMPET-2015

**Funding Scheme**

CSA - Coordination and support action

**Coordinator**

FONDATION EUROPEENNE DE LA SCIENCE

Address

Quai Lezay Marnesia 1
67080 Strasbourg Cedex
France

Activity type

Other

EU contribution

€ 246 283,75

**Participants (6)**

DEUTSCHES ZENTRUM FUR LUFT - UND RAUMFAHRT EV
Germany
EU contribution
€ 220 780
Address Linder Hohe  51147 Koln
Activity type Research Organisations
Website Contact the organisation

COMMITTEE ON SPACE RESEARCH
France
EU contribution
€ 216 250
Address 2 Place Maurice Quentin  75001 Paris
Activity type Research Organisations
Contact the organisation

EUROSPACE
France
EU contribution
€ 121 892,50
Address 15 Avenue De Segur  75007 Paris
Activity type Other
Contact the organisation

ISTITUTO NAZIONALE DI ASTROFISICA
Italy
EU contribution
€ 69 706,25
Address Viale Del Parco Mellini 84  00136 Roma
Activity type Research Organisations
Website Contact the organisation

SPACE TECHNOLOGY IRELAND LIMITED
Ireland
EU contribution
€ 57 602,50
<table>
<thead>
<tr>
<th>Address</th>
<th>Activity type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Industrial Park St Patrick S College Maynooth Kildare</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
</tbody>
</table>

**IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE**

**Address:** United Kingdom

**EU contribution:** € 57 341,25

<table>
<thead>
<tr>
<th>Address</th>
<th>Activity type</th>
</tr>
</thead>
<tbody>
<tr>
<td>South Kensington Campus Exhibition Road SW7 2AZ London</td>
<td>Higher or Secondary Education Establishments</td>
</tr>
</tbody>
</table>

**Website:** [Contact the organisation](#)

**Last update:** 5 July 2019

**Record number:** 199270

**Permalink:** [https://cordis.europa.eu/project/id/687373/](https://cordis.europa.eu/project/id/687373/)

© European Union, 2020