



# Planetary Protection of Outer Solar System

## Fact Sheet

### Project Information

#### PPOSS

Grant agreement ID: 687373

[Project website](#)

#### DOI

[10.3030/687373](https://doi.org/10.3030/687373)

Project closed

#### EC signature date

27 November 2015

#### Start date

1 January 2016

#### End date

31 December 2018

#### Funded under

INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies – Space

#### Total cost

€ 996 106,25

#### EU contribution

€ 989 856,25

#### Coordinated by

FONDATION EUROPEENNE DE  
LA SCIENCE

 France

## 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

## Fields of science (EuroSciVoc)

[natural sciences](#) > [physical sciences](#) > [astronomy](#) > [planetary sciences](#) > [comets](#)



## Keywords

[Organic contamination](#)

[biological contamination](#)

[outer solar system bodies](#)

[small bodies](#)

[Policy Recommendations](#)

[scientific requirements](#)

[international cooperation](#)

[space exploration](#)

[Astrobiology](#)

## Programme(s)

[H2020-EU.2.1.6. - INDUSTRIAL LEADERSHIP - Leadership in enabling and industrial technologies – Space](#)

MAIN PROGRAMME

## Topic(s)

[COMPET-06-2015 - International Cooperation in space science](#)

## Call for proposal

[H2020-COMPET-2015](#) 

[See other projects for this call](#)

## Funding Scheme

[CSA - Coordination and support action](#)

## Coordinator



**FONDATION EUROPEENNE DE LA SCIENCE**

Net EU contribution

**€ 246 283,75**

Total cost

**€ 246 283,75**

Address

**QUAI LEZAY MARNESIA 1**

**67080 Strasbourg Cedex**

 **France** 

Activity type

**Other**

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

## Participants (6)



## DEUTSCHES ZENTRUM FÜR LUFT - UND RAUMFAHRT EV

 Germany

Net EU contribution

€ 220 780,00

Address

LINDER HOHE

51147 Köln 

Region

Nordrhein-Westfalen > Köln > Bonn, Kreisfreie Stadt

Activity type

Research Organisations

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 220 780,00



## COMMITTEE ON SPACE RESEARCH

 France

Net EU contribution

€ 216 250,00

Address

2 PLACE MAURICE QUENTIN

75001 Paris 

Region

Ile-de-France > Ile-de-France > Paris

Activity type

Research Organisations

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 216 250,00



## EUROSPACE

 France

Net EU contribution

€ 121 892,50

Address

22 RUE DU QUATRE SEPTEMBRE  
75002 PARIS 

Region

Ile-de-France > Ile-de-France > Paris

Activity type

**Other**

Links

[Contact the organisation](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 121 892,50



## ISTITUTO NAZIONALE DI ASTROFISICA

 Italy

Net EU contribution

€ 69 706,25

Address

VIALE DEL PARCO MELLINI 84  
00136 Roma 

Region

Centro (IT) > Lazio > Roma

Activity type

**Research Organisations**

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 69 706,25

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**SPACE TECHNOLOGY IRELAND LIMITED**

 Ireland

Net EU contribution

€ 57 602,50

Address

**INDUSTRIAL PARK ST PATRICK S COLLEGE  
Maynooth Kildare** 

SME 

**Yes**

Region

**Ireland > Eastern and Midland > Mid-East**

Activity type

**Private for-profit entities (excluding Higher or Secondary Education Establishments)**

Links

- [Contact the organisation](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

€ 63 852,50

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**IMPERIAL COLLEGE OF SCIENCE TECHNOLOGY AND MEDICINE**

 United Kingdom

Net EU contribution

€ 57 341,25

Address

**SOUTH KENSINGTON CAMPUS EXHIBITION ROAD  
SW7 2AZ LONDON** 

Region

**London > Inner London — West > Westminster**

Activity type

**Higher or Secondary Education Establishments**

Links

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

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

€ 57 341,25

**Last update:** 24 June 2024

**Permalink:** <https://cordis.europa.eu/project/id/687373>

European Union, 2025