



## EPN2020-RI

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### Deliverable 3.8 3rd call: proposals evaluated and access approved for the TA2 facilities

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Start date of project: 01 September  
2015

Duration: 48 months

Responsible WP Leader: European Science Foundation, Nicolas Walter

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Dissemination level		
<b>PU</b>	Public	<b>X</b>
<b>PP</b>	Restricted to other programme participants (including the Commission Service)	
<b>RE</b>	Restricted to a group specified by the consortium (including the Commission Services)	
<b>CO</b>	Confidential, only for members of the consortium (excluding the Commission Services)	

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<b>Title of Deliverable</b>	3rd call: proposals evaluated and access approved for the TA2 Facilities
<b>Contributing Work package (s)</b>	WP3
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<b>Author (s)</b>	European Science Foundation

**Abstract:**

This deliverable provides the ranked list of the 37 eligible applications assessed in the frame of TA2 call element. In addition to ranks, it also provides the final marks resulting from the scientific assessment.

This deliverable also provides the list of applications selected for TA2 support.

## **Background information on the scientific assessment and selection processes**

The third Europlanet 2020-RI TA call demonstrated an increased interest from the scientific community as 75 eligible applications were submitted and assessed (43 for the first call and 52 for the second call).

Unlike for the first two calls for which only one review panel was set-up, this higher number of applications required the setting up of three review panels:

- Panel 1: Astrobiology/life
- Panel 2: Mars geology and environment
- Panel 3: Early solar system, planet formation, small bodies

The review panels assessed the applications relevant to their disciplinary coverage, regardless of the call element addressed (TA1 - Planetary Field Analogue Sites, TA2 - Distributed Planetary Simulation Facility, TA3 - Distributed Sample Analysis Facility). As a consequence, applications submitted to a given TA call element were assessed by several panels.

Panels finalised the assessment of the applications during three teleconferences (one/panel) and agreed on scores for four criteria:

- Criterion 1 - Innovative nature of the proposal (/5)
- Criterion 2 - Science and Technology excellence (/5)
- Criterion 3 - Implementation (/5)
- Criterion 4 - Scientific impact (/5)

Thresholds applied: 3/5 for individual criterion and 13/20 for full scores.

As all panels have different scoring perspectives and approaches (some are harsher than others) and in order to allow comparability between applications assessed by different panels, the ESF applied a normalisation process based on an algorithm that buffers the differences between scores' averages and standard deviations. Due to its nature, the score normalisation process sometimes resulted in normalised scores being higher than 20/20 or below 13/20.

The resulting normalised scores were used to provide one ranked list for each TA call element. These ranked lists have been provided and validated by the review panel chairs before being provided to the Europlanet 2020-RI Office.

Considering the ranked lists provided as well as programmatic constraints, capacity available and the portfolio of scientific domains supported, the Europlanet 2020-RI management then selected the projects to be supported.

**SCIENTIFIC ASSESSMENT OUTCOME FOR TA2 APPLICATIONS  
RANKED LIST AND LIST OF APPLICATIONS NOT MEETING THRESHOLD  
CONDITIONS**

**RANKED LIST**

<b>Original number</b>	<b>ESF Project Number</b>	<b>Ranking</b>	<b>Normalised Score</b>	<b>Lead applicant University / Organisation</b>	<b>Country</b>	<b>Site Name</b>
11325	17-EPN3-069	<b>1</b>	19,1	Trinity College Dublin	IE	Open University Mars Chamber
11241	17-EPN3-026	<b>2</b>	18,9	University of Bologna	IT	Center for microbial life detection at Medical University Graz, Austria
11235	17-EPN3-023	<b>3</b>	18,5	Università di Padova	IT	Planetary Emissivity Laboratory
11304	17-EPN3-057	<b>3</b>	18,5	Bern	CH	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11276	17-EPN3-042	<b>5</b>	18,4	University of Bologna	IT	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11341	17-EPN3-078	<b>6</b>	17,6	Nantes University	FR	Open University Mars Chamber
11286	17-EPN3-047	<b>7</b>	17,3	University of Perugia, Italy	IT	Planetary Emissivity Laboratory
11345	17-EPN3-079	<b>7</b>	17,3	N./A.	DE	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK.
11202	17-EPN3-010	<b>9</b>	16,9	University of Toulouse	FR	Planetary Environment Facilities at Aarhus University
11219	17-EPN3-018	<b>10</b>	16,6	University of Rome Tor Vergata	IT	Center for microbial life detection at Medical University Graz, Austria

Original number	ESF Project Number	Ranking	Normalised Score	Lead applicant University / Organisation	Country	Site Name
11297	17-EPN3-053	<b>11</b>	16,1	Università del Salento	IT	Planetary Emissivity Laboratory
11299	17-EPN3-054	<b>11</b>	16,1	N./A.	IT	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11329	17-EPN3-072	<b>11</b>	16,1	University of Colorado in Boulder	US	Planetary Environment Facilities at Aarhus University
11347	17-EPN3-081	<b>11</b>	16,1	University College London	UK	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11229	17-EPN3-021	<b>15</b>	15,8	N./A.	DE	Center for microbial life detection at Medical University Graz, Austria
11340	17-EPN3-077	<b>15</b>	15,8	Umeå university	SE	Center for microbial life detection at Medical University Graz, Austria
11195	17-EPN3-006	<b>17</b>	15,5	Université de Versailles	FR	Planetary Emissivity Laboratory
11348	17-EPN3-082	<b>18</b>	15,5	N./A.	IT	Planetary Emissivity Laboratory
11256	17-EPN3-033	<b>19</b>	15,1	Université d'Orléans	FR	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK.
11290	17-EPN3-050	<b>20</b>	14,9	University of Parma	IT	Planetary Emissivity Laboratory
11311	17-EPN3-061	<b>20</b>	14,9	University of Oxford	UK	Planetary Emissivity Laboratory

Original number	ESF Project Number	Ranking	Normalised Score	Lead applicant University / Organisation	Country	Site Name
11194	17-EPN3-005	<b>22</b>	14,7	Imperial College London	UK	Planetary Environment Facilities at Aarhus University
11251	17-EPN3-031	<b>23</b>	14,3	University of Helsinki	FI	Center for microbial life detection at Medical University Graz, Austria
11320	17-EPN3-067	<b>23</b>	14,3	Babes-Bolyai University	RO	Center for microbial life detection at Medical University Graz, Austria
11336	17-EPN3-075	<b>25</b>	13,7	N./A.	IN	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11244	17-EPN3-027	<b>26</b>	12,5	University of Perugia	IT	Planetary Emissivity Laboratory
11246	17-EPN3-028	<b>27</b>	11,3	Leiden University	NL	Open University Mars Chamber
11291	17-EPN3-051	<b>27</b>	11,3	Univerisity of GENOVA	IT	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK.
11301	17-EPN3-055	<b>27</b>	11,3	University of Tuscia, Viterbo	IT	Planetary Emissivity Laboratory

**PROPOSALS BELOW DID NOT MEET THRESHOLD CONDITIONS DURING  
PANEL ASSESSMENT**

<b>Original number</b>	<b>ESF Project Number</b>	<b>Lead applicant University / Organisation</b>	<b>Country</b>	<b>Site Name</b>
11216	17-EPN3-016	Paris-Sud	FR	Open University Mars Chamber
11247	17-EPN3-029	Istituto Nazionale di Geofisica e Vulcanologia	IT	Planetary Environment Facilities at Aarhus University
11259	17-EPN3-035	Trinity College Dublin, the University of Dublin	IE	Planetary Environment Facilities at Aarhus University
11275	17-EPN3-041	University of Bologna	IT	Center for microbial life detection at Medical University Graz, Austria
11350	17-EPN3-083	N./A.	IT	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11302	17-EPN3-056	University of Rome Tor Vergata	IT	Planetary Environment Facilities at Aarhus University
11310	17-EPN3-060	Universitat Politecnica de Catalunya (UPC)	ES	Planetary Environment Facilities at Aarhus University
11316	17-EPN3-066	The Open University	UK	Planetary Emissivity Laboratory

**SELECTION OUTCOME FOR TA2 APPLICATIONS  
LIST OF APPLICATIONS INVITED TO COMPLETE VISIT**

Out of 37 eligible applications selected, 24 were invited to complete their visit (success rate: 64.9%).

Original number	ESF Project Number	Lead applicant University / Organisation	Country	Site Name
11325	17-EPN3-069	Trinity College Dublin	IE	Open University Mars Chamber
11241	17-EPN3-026	University of Bologna	IT	Center for microbial life detection at Medical University Graz, Austria
11235	17-EPN3-023	Università di Padova	IT	Planetary Emissivity Laboratory
11304	17-EPN3-057	Bern	CH	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11276	17-EPN3-042	University of Bologna	IT	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11341	17-EPN3-078	Nantes University	FR	Open University Mars Chamber
11286	17-EPN3-047	University of Perugia, Italy	IT	Planetary Emissivity Laboratory
11345	17-EPN3-079	N./A.	DE	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK.
11202	17-EPN3-010	University of Toulouse	FR	Planetary Environment Facilities at Aarhus University
11219	17-EPN3-018	University of Rome Tor Vergata	IT	Center for microbial life detection at Medical University Graz, Austria
11297	17-EPN3-053	Università del Salento	IT	Planetary Emissivity Laboratory
11299	17-EPN3-054	N./A.	IT	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11329	17-EPN3-072	University of Colorado in Boulder	US	Planetary Environment Facilities at Aarhus University
11347	17-EPN3-081	University College London	UK	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11229	17-EPN3-021	N./A.	DE	Center for microbial life detection at Medical University Graz, Austria
11340	17-EPN3-077	Umeå university	SE	Center for microbial life detection at Medical University Graz, Austria

Original number	ESF Project Number	Lead applicant University / Organisation	Country	Site Name
11195	17-EPN3-006	Université de Versailles	FR	Planetary Emissivity Laboratory
11348	17-EPN3-082	N./A.	IT	Planetary Emissivity Laboratory
11256	17-EPN3-033	Université d'Orléans	FR	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK.
11290	17-EPN3-050	University of Parma	IT	Planetary Emissivity Laboratory
11311	17-EPN3-061	University of Oxford	UK	Planetary Emissivity Laboratory
11194	17-EPN3-005	Imperial College London	UK	Planetary Environment Facilities at Aarhus University
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