



## EPN2020-RI

EUROPLANET2020 Research Infrastructure

H2020-INFRAIA-2017

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### Deliverable 4.8 3rd call: proposals evaluated and access approved for the TA3 Facilities

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2015

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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 TA3 Facilities
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**Abstract:**

This deliverable provides the ranked list of the 16 eligible applications assessed in the frame of TA3 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 TA3 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 score.

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 TA3 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>
11308	17-EPN3-059	<b>1</b>	19,7	University of Hannover	BE	Center for microbial life detection at Medical University Graz, Austria
11313	17-EPN3-063	<b>2</b>	18,5	Università di Pisa	IT	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK
11260	17-EPN3-036	<b>3</b>	17,3	N./A.	UK	Radiogenic, non-traditional stable & rare gas isotopes. Le Centre de Recherches Pétrographiques et Géochimiques (CRPG), Nancy, France
11314	17-EPN3-064	<b>3</b>	17,3	University of Bristol	UK	Radiogenic, non-traditional stable & rare gas isotopes. Le Centre de Recherches Pétrographiques et Géochimiques (CRPG), Nancy, France
11218	17-EPN3-017	<b>5</b>	16,1	University of Bayreuth	DE	Danakil Depression
11203	17-EPN3-011	<b>5</b>	16,1	University of Cologne	DE	Center for microbial life detection at Medical University Graz, Austria

11315	17-EPN3-065	5	16,1	Westfälische Wilhelms-Universität Münster	DE	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11333	17-EPN3-074	8	15,8	Friedrich-Schiller-University Jena	DE	Planetary Emissivity Laboratory
11197	17-EPN3-007	9	14,9	University of Johannesburg	ZA	Planetary Emissivity Laboratory
11204	17-EPN3-012	10	13,7	IPGP, Sorbonne, Paris Cité, Université Paris Diderot	FR	Open University Mars Chamber
11207	17-EPN3-013	11	12,8	The Hebrew University of Jerusalem	IL	Danakil Depression
11346	17-EPN3-080	12	12,5	University of Manchester	UK	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)

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

Original number	ESF Project Number	Lead applicant University / Organisation	Country	Site Name
11212	17-EPN3-015	Université Lille 1	FR	Planetary Environment Facilities at Aarhus University
11289	17-EPN3-049	Milano Bicocca	IT	The glacial and volcanically active areas of Iceland
11312	17-EPN3-062	Università di Pisa	IT	Open University Mars Chamber
11287	17-EPN3-048	University of St Andrews	UK	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)

<b>SELECTION OUTCOME FOR TA3 APPLICATIONS</b> <b>LIST OF APPLICATIONS INVITED TO COMPLETE VISIT</b>
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Out of 16 eligible applications selected, 11 were invited to complete their visit (success rate: 68.7%).

It has to be noted here that although not meeting the threshold conditions due to a low score on the ‘Impact’ criteria (2.5/5 - below threshold), Europlanet 2020-RI management retook application 11212/17-EPN3-015 and selected it for support. The main drivers for this selection are that:

- The application had very high scores on the other criteria (5/5 on Innovative nature of the proposal, 5/5 on Science and Technology excellence and 4/5 on Implementation). Regardless of threshold effect, this application was ranked 9<sup>th</sup> out of the 27 applications assessed by review panel 2, Europlanet 2020-RI management considered that these excellent scores on criteria 1, 2 and 3 demonstrated intrinsic scientific value.
- To topic of the application deals with climate change mechanisms and the Earth climate history. In the midst of the Paris agreement on climate change and the importance of these issues for the European citizens, bridging planetary sciences with climate studies was considered by Europlanet 2020-RI management as a meaningful rational to broaden the scientific footprint of the Europlanet 2020 RI programme and therefore made the decision to select this application.

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