



EPN2020-RI

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Deliverable 3.11

4th call: proposals evaluated and access approved for the TA2 facilities

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

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Abstract:

This deliverable provides the ranked list of the 43 eligible applications assessed in the frame of TA2 call element. In addition to ranks, it also provides the final marks agreed by the review panel.

Background information on the scientific assessment and selection processes

The Fourth Europlanet 2020-RI TA call demonstrated an increased interest from the scientific community as 90 eligible applications were submitted and assessed (43 for the first call, 52 for the second call and 75 for the third call).

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

- Panel 1: Astrobiology/life
- Panel 2: Instrumentation and surface investigation (focus Mars)
- 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)

No threshold was applied to either individual criteria or global score. However, review panels wished to differentiate applications ranked but not recommended for support. These are indicated in the second table below.

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.

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 TA1 APPLICATIONS
RANKED LIST AND LIST OF APPLICATIONS NOT RECOMMENDED FOR
SUPPORT**

RANKED LIST

Original number	ESF Project Number	TA2 Ranking	Normalised Score	Lead applicant University /Organisation	Country	Site name
11508	18-EPN4-089	1	19,2	University of Padua	IT	Planetary Emissivity Laboratory
11405	18-EPN4-019	2	18,1	University of Pavia	IT	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK.
11470	18-EPN4-062	2	18,1	University of Arkansas	US	Planetary Emissivity Laboratory
11489	18-EPN4-077	2	18,1	Freie Universität Berlin	DE	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK.
11376	18-EPN4-007	5	17,7	ESPCI	FR	Planetary Environment Facilities at Aarhus University
11393	18-EPN4-012	5	17,7	University of Bern	CH	Planetary Environment Facilities at Aarhus University
11473	18-EPN4-065	5	17,7	Imperial College London	UK	Planetary Environment Facilities at Aarhus University
11408	18-EPN4-021	8	17,0	Not provided	UK	Planetary Emissivity Laboratory
11426	18-EPN4-033	8	17,0	IAPS	IT	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)

Original number	ESF Project Number	TA2 Ranking	Normalised Score	Lead applicant University /Organisation	Country	Site name
11444	18-EPN4-047	8	17,0	ETH Zurich	CH	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK.
11459	18-EPN4-056	8	17,0	Institute of Planetary Research	DE	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11373	18-EPN4-006	12	16,7	University of Toulouse	FR	Planetary Environment Facilities at Aarhus University
11403	18-EPN4-018	12	16,7	Institute of Geophysics of CAS	CZ	Open University Mars Chamber
11503	18-EPN4-084	12	16,7	Not provided	IT	Planetary Environment Facilities at Aarhus University
11497	18-EPN4-081	15	16,4	Research and Innovation	IS	Center for microbial life detection at Medical University Graz, Austria
11435	18-EPN4-039	16	15,9	University of Roma Tor Vergata	IT	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11436	18-EPN4-040	16	15,9	University of Perugia	IT	Planetary Emissivity Laboratory
11477	18-EPN4-068	18	15,7	University of Maryland	US	Planetary Environment Facilities at Aarhus University
11498	18-EPN4-082	18	15,7	Charles university in Prague	CZ	Planetary Emissivity Laboratory
11400	18-EPN4-016	20	15,4	Not provided	ES	Center for microbial life detection at Medical University Graz, Austria
11396	18-EPN4-014	21	14,8	Kirklareli University	TR	Planetary Emissivity Laboratory

Original number	ESF Project Number	TA2 Ranking	Normalised Score	Lead applicant University /Organisation	Country	Site name
11416	18-EPN4-025	22	14,7	Université de Nantes	FR	Open University Mars Chamber
11479	18-EPN4-070	22	14,7	University College London	UK	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11406	18-EPN4-020	24	14,4	University of Tuscia, Viterbo	IT	Planetary Emissivity Laboratory
11507	18-EPN4-088	24	14,4	University of Bologna, BiGeA	IT	Center for microbial life detection at Medical University Graz, Austria
11449	18-EPN4-051	26	13,4	Pomeranian University in Slupsk	PL	Center for microbial life detection at Medical University Graz, Austria
11456	18-EPN4-054	26	13,4	University of Genoa	IT	Center for microbial life detection at Medical University Graz, Austria
11474	18-EPN4-066	26	13,4	Institute of Aerospace Medicine	DE	Center for microbial life detection at Medical University Graz, Austria
11482	18-EPN4-072	26	13,4	California Intititute of Technology	US	Center for microbial life detection at Medical University Graz, Austria

PROPOSALS BELOW - NOT RECOMMENDED FOR SUPPORT

Original number	ESF Project Number	TA2 Ranking	Lead applicant University /Organisation	Country	Site name
11370	18-EPN4-005	30	Istituto Nazionale di Geofisica e Vulcanologia	IT	Planetary Environment Facilities at Aarhus University
11438	18-EPN4-042	31	Not provided	SE	High-pressure laboratory at VUA
11504	18-EPN4-085	31	University of Porto	PT	Planetary Emissivity Laboratory

Original number	ESF Project Number	TA2 Ranking	Lead applicant University /Organisation	Country	Site name
11423	18-EPN4-031	33	University of Genova	IT	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK.
11505	18-EPN4-086	33	University of Bologna	IT	Center for microbial life detection at Medical University Graz, Austria
11488	18-EPN4-076	35	Osservatorio Astronomico Capodimont	IT	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK.
11467	18-EPN4-061	36	University of Rome Tor Vergata	IT	Planetary Environment Facilities at Aarhus University
11433	18-EPN4-038	37	Not provided	AT	Petrology-Mineralogy Characterisation Facility (PMCF), Mineral and Planetary Sciences Division, Natural History Museum, London, UK.
11384	18-EPN4-010	38	Konkoly Astronomical Institute	HU	Planetary Emissivity Laboratory
11441	18-EPN4-044	38	Université Claude Bernard Lyon1	FR	High-pressure laboratory at VUA
11513	18-EPN4-001	40	Atomic Molecular and Optical Physics Division	IN	Cold Surfaces spectroscopy, Institut de Planétologie et Astrophysique de Grenoble (IPAG)
11462	18-EPN4-058	41	University of Perugia	IT	Planetary Emissivity Laboratory
11369	18-EPN4-004	42	Universidad Politecnica Madrid	ES	Planetary Environment Facilities at Aarhus University
11510	18-EPN4-091	42	Atomic Molecular and Optical Physics Division	IN	Open University Mars Chamber