



EPN2020-RI

EUROPLANET2020 Research Infrastructure

H2020-INFRAIA-2017

Grant agreement no: 654208

Deliverable 2.11

4th call: proposals evaluated and access approved for the TA1 facilities

Due date of deliverable: 31/05/2018

Actual submission date: 16/05/2018

Start date of project: 01 September 2015

Duration: 48 months

Responsible WP Leader: European Science Foundation, Nicolas Walter

Project funded by the European Union's Horizon 2020 research and innovation programme		
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)	

Project Number	654208
Project Title	EPN2020 - RI
Project Duration	48 months: 01 September 2015 – 30 August 2019

Deliverable Number	2.11
Contractual Delivery date	31/05/2018
Actual delivery date	16/05/2018
Title of Deliverable	4 th call: proposals evaluated and access approved for the TA1 facilities
Contributing Work package (s)	WP2
Dissemination level	Public
Author (s)	European Science Foundation

Abstract:

This deliverable provides the ranked list of the 26 eligible applications assessed in the frame of TA1 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	TA1 Ranking	Normalised score	Lead applicant University /Organisation	Country	Site name
11445	18-EPN4-048	1	19,9	Utrecht University	NL	Rio Tinto Field Site
11484	18-EPN4-074	2	19,4	University of Versailles St Quentin	FR	Tírez Lake
11430	18-EPN4-036	3	18,8	Carl Sagan Center	US	The glacial and volcanically active areas of Iceland
11509	18-EPN4-090	3	18,8	Osservatorio Astronomico di Capodimonte	IT	Ibn Battuta Centre
11419	18-EPN4-028	5	17,7	University of Nantes	FR	The glacial and volcanically active areas of Iceland
11511	18-EPN4-092	5	17,7	Not provided	IT	Ibn Battuta Centre
11362	18-EPN4-002	7	17,4	University of Kaiserslautern	DE	The glacial and volcanically active areas of Iceland
11452	18-EPN4-053	7	17,4	Luleå University of Technology	SE	Rio Tinto Field Site
11414	18-EPN4-023	9	16,7	University of Roma TRE	IT	Ibn Battuta Centre
11463	18-EPN4-059	10	16,4	Aarhus University	DK	The glacial and volcanically active areas of Iceland
11424	18-EPN4-032	11	15,7	Space Research Centre	PL	Danakil Depression
11493	18-EPN4-079	11	15,7	University of Vienna	AT	Danakil Depression
11377	18-EPN4-008	13	15,4	University of Birmingham, UK	UK	Danakil Depression
11432	18-EPN4-037	14	14,9	The Open University	UK	Ibn Battuta Centre

Original number	ESF Project Number	TA1 Ranking	Normalised score	Lead applicant University /Organisation	Country	Site name
11446	18-EPN4-049	15	14,7	Osservatorio Astronomico di Capodimonte	IT	Ibn Battuta Centre
11413	18-EPN4-022	16	13,7	Université Lyon 1	FR	Danakil Depression

PROPOSALS BELOW - NOT RECOMMENDED FOR SUPPORT

Original number	ESF Project Number	TA1 Ranking	Lead applicant University /Organisation	Country	Site name
11368	18-EPN4-003	17	Centro de Astrobiología (INTA-CSIC)	ES	Danakil Depression
11398	18-EPN4-015	18		DE	Tírez Lake
11429	18-EPN4-035	18	Charles University	CZ	The glacial and volcanically active areas of Iceland
11475	18-EPN4-067	20	Institute of Atmospheric Physics	CZ	Ibn Battuta Centre
11487	18-EPN4-075	21	Not provided	BE	Danakil Depression
11418	18-EPN4-027	22	University of Cagliari	IT	Ibn Battuta Centre
11428	18-EPN4-034	23	University of Nantes	FR	Ibn Battuta Centre
11394	18-EPN4-013	24	University of Sassari	IT	Ibn Battuta Centre
11440	18-EPN4-043	25	University of Perugia	IT	Ibn Battuta Centre
11461	18-EPN4-057	26	Université Lyon 1	FR	Ibn Battuta Centre



EPN2020-RI

EUROPLANET2020 Research Infrastructure

H2020-INFRAIA-2017

Grant agreement no: 654208

Deliverable 3.11

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

Due date of deliverable: 31/05/2018

Actual submission date: 16/05/2018

Start date of project: 01 September 2015

Duration: 48 months

Responsible WP Leader: European Science Foundation, Nicolas Walter

Project funded by the European Union's Horizon 2020 research and innovation programme		
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)	

Project Number	654208
Project Title	EPN2020 - RI
Project Duration	48 months: 01 September 2015 – 30 August 2019

Deliverable Number	3.11
Contractual Delivery date	31/05/2018
Actual delivery date	16/05/2018
Title of Deliverable	4 th call: proposals evaluated and access approved for the TA2 facilities
Contributing Work package (s)	WP3
Dissemination level	Public
Author (s)	European Science Foundation

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



EPN2020-RI

EUROPLANET2020 Research Infrastructure

H2020-INFRAIA-2017

Grant agreement no: 654208

Deliverable 4.11

4th call: proposals evaluated and access approved for the TA3 facilities

Due date of deliverable: 30/06/2018

Actual submission date: 29/06/2018

Start date of project: 01 September
2015

Duration: 48 months

Responsible WP Leader: European Science Foundation, Nicolas Walter

Project funded by the European Union's Horizon 2020 research and innovation programme		
Dissemination level		
PU	Public	X
PP	Restricted to other programme participants (including the Commission Service)	
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Project Number	654208
Project Title	EPN2020 – RI
Project Duration	48 months: 01 September 2015 – 30 August 2019

Deliverable Number	4.11
Contractual Delivery date	30/06/2018
Actual delivery date	29/06/2018
Title of Deliverable	4 th call: proposals evaluated and access approved for the TA3 facilities
Contributing Work package (s)	WP4
Dissemination level	Public
Author (s)	European Science Foundation

Abstract:

This deliverable provides the ranked list of the 20 eligible applications assessed in the frame of TA 3 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:

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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)
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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.

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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	TA3 Ranking	Normalised Score	Lead applicant University /Organisation	Country	Site name
11421	18-EPN4-030	1	18,1	The Open University	UK	Radiogenic & non-traditional stable isotopes: Institute for Planetology (IfP); University of Münster, Münster, Germany:
11457	18-EPN4-055	1	18,1	Trinity College Dublin	IE	Radiogenic and non-traditional stable isotope facility: Geology and geochemistry, Faculty of Earth and Life Sciences, VU University, Amsterdam, NL
11478	18-EPN4-069	1	18,1	University of Münster	DE	Stable Isotope Analytical Facilities - The Open University
11495	18-EPN4-080	1	18,1	Université d'Orléans	FR	NanoSIMS 50L Secondary Ion Mass Spectrometer - The Open University
11420	18-EPN4-029	5	17,5	Open University	UK	Radiogenic & non-traditional stable isotopes: Institute for Planetology (IfP); University of Münster, Münster, Germany:
11472	18-EPN4-064	5	17,5	Friedrich Schiller University Jena	DE	NanoSIMS 50L Secondary Ion Mass Spectrometer - The Open University
11481	18-EPN4-071	7	17,0	University of Bristol	UK	Radiogenic, non-traditional stable & rare gas isotopes. Le Centre de Recherches Pétrographiques et Géochimiques (CRPG), Nancy, France
11448	18-EPN4-050	8	14,8	University of Oslo	NO	Radiogenic, non-traditional stable & rare gas isotopes. Le Centre de Recherches Pétrographiques et

						Géochimiques (CRPG), Nancy, France
11465	18-EPN4-060	8	14,8	University of Pisa	IT	Stable Isotope Analytical Facilities - The Open University

PROPOSALS BELOW - NOT RECOMMENDED FOR SUPPORT

Original number	ESF Project Number	TA3 Ranking	Lead applicant University /Organisation	Country	Site name
11401	18-EPN4-017	9	University of Fribourg	CH	Radiogenic, non-traditional stable & rare gas isotopes. Le Centre de Recherches Pétrographiques et Géochimiques (CRPG), Nancy, France
11415	18-EPN4-024	9	University of Johannesburg	ZA	Radiogenic & non-traditional stable isotopes: Institute for Planetology (IfP); University of Münster, Münster, Germany:
11443	18-EPN4-046	9	University of Bristol	UK	Radiogenic and non-traditional stable isotope facility: Geology and geochemistry, Faculty of Earth and Life Sciences, VU University, Amsterdam, NL
11450	18-EPN4-052	9	University of Bayreuth	DE	NanoSIMS 50L Secondary Ion Mass Spectrometer - The Open University
11417	18-EPN4-026	13	The University of St Andrews	UK	Radiogenic and non-traditional stable isotope facility: Geology and geochemistry, Faculty of Earth and Life Sciences, VU University, Amsterdam, NL
11437	18-EPN4-041	13	Vrije Universiteit Brussel	BE	Stable Isotope Analytical Facilities - The Open University
11442	18-EPN4-045	13	Université Libre de Bruxelles	BE	Radiogenic, non-traditional stable & rare gas isotopes. Le Centre de Recherches Pétrographiques et Géochimiques (CRPG), Nancy, France
11471	18-EPN4-063	13	Christian Albrechts University Kiel	DE	Radiogenic and non-traditional stable isotope facility: Geology and geochemistry, Faculty of Earth and Life Sciences, VU University, Amsterdam, NL

11502	18-EPN4-083	13	Vrije Universiteit Amsterdam	NL	Radiogenic, non-traditional stable & rare gas isotopes. Le Centre de Recherches Pétrographiques et Géochimiques (CRPG), Nancy, France
11381	18-EPN4-009	18	University of Ferrara	IT	Radiogenic, non-traditional stable & rare gas isotopes. Le Centre de Recherches Pétrographiques et Géochimiques (CRPG), Nancy, France
11483	18-EPN4-073	19	Vrije Universiteit Brussel	BE	Radiogenic, non-traditional stable & rare gas isotopes. Le Centre de Recherches Pétrographiques et Géochimiques (CRPG), Nancy, France
11506	18-EPN4-087	20	University of Cambridge	UK	Radiogenic and non-traditional stable isotope facility: Geology and geochemistry, Faculty of Earth and Life Sciences, VU University, Amsterdam, NL