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Deliverable Title:	TA Fast-track Evaluated proposals and approved access to TA Facilities
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Dissemination level²:	PU
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Co-ordinator:	Prof Nigel Mason

Executive Summary / Abstract:

This deliverable provides the list of the 20 successful applications submitted to the Fast Track Transnational Access Call of the Europlanet 2024 RI project.

1. **Nature:** R = Report, P = Prototype, D = Demonstrator, O = Other

2. **Dissemination level:**

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

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1 Evaluation of the submitted proposals

The ESF organised the assessment of the 30 applications submitted for the first “Fast Track” Transnational Access Call. Among these:

- 1 application was declared ineligible as it was incomplete.
- 1 application was withdrawn by the applicants as they had already submitted another application
- 1 application was declined by the site operator, as the applicants did not contact the host facility beforehand, and the proposal was deemed not technically feasible.
- 27 applications were assessed by 2 different reviewers and ranked according to their scores.

The ESF communicated the ranked list of proposals to the VUA TA office, along with the consensus report for each proposal. Based on the review panels’ evaluations, the PMC decided on the cut off score of 15 and agreed to fund 20 proposals.

Subsequently, the VU TA office has:

- Sent out the notification to the successful candidates and to the TA site hosts.
- Requested details of the planned visit dates once finalised.
- Notified the successful applications that they will be contacted prior to the visit to discuss possible outreach activities associated or following the TA visit and communicated the consensus report summarizing the reviews.
- Contacted the unsuccessful applicants with the consensus report summarizing the reviews.

2 List of successful eligible applications

The list of the 20 successful applications submitted to the first “Fast Track” Transnational Access Call of the Europlanet 2024 RI project is indicated below:

Project Number	Project Title	TA	Site
21-EPN-FT1-003	Biogeochemical tools to search for biosignatures in microbial carbonates from extreme environments	TA1 PAF	Argentinian Andes (AR)
21-EPN-FT1-005	Reading the sedimentary archive of discontinuity surfaces	TA2 DPLF	Ion probe facility-IPF (FR)

3. **Nature:** R = Report, P = Prototype, D = Demonstrator, O = Other

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21-EPN-FT1-006	Melting phase relations of subduction zone minerals and their nitrogen budget	TA2 DPLF	Ion probe facility-IPF (FR)
21-EPN-FT1-008	Detection of isotopic biosignatures in Antarctica subfossils: implication for the search of life on Mars	TA2 DPLF	Carbon-14 dating accelerator mass spectrometry laboratory (HU)
21-EPN-FT1-010	Tracking the Thermal Evolution of the Miocene Ries Crater Lake as a Potential Analogue for Microbial Habitats on Early Mars	TA2 DPLF	Stable/Clumped Isotopes Laboratory-ISIL (HU)
21-EPN-FT1-012	Zebra dolomites revised: clumped isotope analysis as a tool to assess recrystallisation and dolomite cementation in overpressured settings	TA2 DPLF	Stable/Clumped Isotopes Laboratory-ISIL (HU)
21-EPN-FT1-015	Characterizing electron impact induced UV-Optical emission of simple molecules relevant to atmospheres of small solar system bodies	TA2 DPLF	Electron induced fluorescence laboratory-EIFL (SK)
21-EPN-FT1-016	Metabolic responses of Antarctic melanized microorganism to simulated Martian conditions	TA2 DPLF	Center for Microbial Life Detection (AT)
21-EPN-FT1-018	Biogeochemistry in extreme environments: assessing analogues to early Earth environmental conditions in high-altitude hypersaline Andean lakes.	TA1 PAF	Argentinian Andes (AR)
21-EPN-FT1-019	Isotopic composition of single detrital carbonate grains in the source-to-sink study of the Bengal Fan record.	TA2 DPLF	Stable Rare Gas and Radiogenic Isotope Facility-SGRIF (FR)
21-EPN-FT1-020	Preservational potential of microbialite biosignatures in basalt-hosted lacustrine environments: perspectives for Martian biogeochemistry and Mars Sample Return	TA1 PAF	Argentinian Andes (AR)
21-EPN-FT1-021	Diffuse chemotrophic microbialites as analogues for martian life	TA2 DPLF	Petrology-Mineralogy Characterisation Facility-PMCF (UK)

21-EPN-FT1-023	Diagnostics of electron collisions with small organic molecules present in the atmospheres of small bodies and planets	TA2 DPLF	Electron induced fluorescence laboratory-EIFL (SK)
21-EPN-FT1-024	Untangling rock-inhabiting microorganisms and their biosignatures from the Mars-like area of Puna Plateau, Argentinian Andes	TA1 PAF	Argentinian Andes (AR)
21-EPN-FT1-025	Ammonium salts reflectance spectra changing viewing geometry for distinguish them on the surface of icy planetary bodies	TA2 DPLF	Cold Surfaces spectroscopy-CSS (FR)
21-EPN-FT1-026	Biogeochemical cycling in the lake systems of the Argentinian Puna: An investigation into the microbial communities of an exceptional Hesperian martian analogue.	TA1 PAF	Argentinian Andes (AR)
21-EPN-FT1-028	Integrated aDNA, Sr-O-C isotope data and ¹⁴ C dates to link human individuals to Roman military units	TA2 DPLF	Carbon-14 dating accelerator mass spectrometry laboratory (HU)
21-EPN-FT1-029	Petrographical, mineralogical and geochemical study of the meteorite Gueltat Zemmour Morocco, observed fall in August 2018.	TA2 DPLF	Petrology-Mineralogy Characterisation Facility-PMCF (UK)
21-EPN-FT1-030	Laboratory simulation of the Martian surface brightness temperature response to Phobos eclipses	TA2 DPLF	Swedish Planetary Ices Laboratory (SE)
21-EPN-FT1-033	Spectral signatures of amino acid and polypeptide embedded in water ices – Implications for biosignature identification on icy moons	TA2 DPLF	Cold Surfaces spectroscopy-CSS (FR)