

**SMALL MISSIONS FOR EXPLORATION: EVALUATION CRITERIA FOR SELECTION TO PRE-PHASE A (OUTCOME OSIP CALL) & PHASE A/B1**

#	Criterion	#	Criterion encompasses	Selection at OSIP	Selection for A/B1 Studies
1	Exploration Science / Exploration Content	1.1	Does the mission concept address an important problem or challenge within the priority area(s)?	✓	<input checked="" type="checkbox"/>
		1.2	Has excellent scientific justification and motivation been provided and flown to clear objectives and testable hypotheses?	✓	<input checked="" type="checkbox"/>
		1.3	What are the mission data products and to what extent will they impact or be enabling for scientific and exploration discovery?	✓	<input checked="" type="checkbox"/>
		1.4	Will the mission outcomes also benefit addressing challenges on Earth and / or enabling sustained, responsible human space exploration	✓	<input checked="" type="checkbox"/>
		1.5	Has an integrated mission concept design and approach been adequately described with the applied methods and analyses traceable to addressing the identified objectives and hypotheses?	✓	<input checked="" type="checkbox"/>
		1.6	Have scientific risks been discussed and mitigation suggested?	✓	<input checked="" type="checkbox"/>
2	Technology Feasibility / Technology Readiness	2.1	Are all critical technologies (including those of the payload) and their corresponding and projected TRL identified?	[✓]	<input checked="" type="checkbox"/>
		2.2	Are necessary activities for raising (by the end of Phase B2) TRL, their duration and responsible entities shall be identified?		<input checked="" type="checkbox"/>
		2.3	Is the mission free from non-European mission-enabling or critical technologies? / All non-European technologies, if any, shall be identified.		<input checked="" type="checkbox"/>
		2.4	Does the applicant acknowledge technical risks and suggest mitigation?	[✓]	<input checked="" type="checkbox"/>
3	General Programmatics	3.1	Is the proposed mission compatible with the cost at completion target of 50 M€ inc. launch?	[✓]	<input checked="" type="checkbox"/>
		3.2	Is the background, capabilities and facilities of the consortium elaborated and deemed adequate?	[✓]	<input checked="" type="checkbox"/>
		3.3	Are there measurable benefits for the purpose of the specific mission.		<input checked="" type="checkbox"/>

#	Criterion	#	Criterion encompasses	Selection at OSIP	Selection for A/B1 Studies
		3.4	Has a risk analysis of the programmatic (not technical) aspect been performed?	[✓]	☑
4	Economic Objectives	4.1	Does the mission enhances Startups, universities and/or schools participations within the programme?	[✓]	☑
		4.2	Does this mission create new businesses or help existing businesses to grow?		☑
		4.3	Does the proposal show that the project would develop skilled workforce?		☑

**Caption:**

✓ Selection for Pre-Ph.A

[✓] At level required (e.g. ROM Cost) for selection for Pre-Ph.A

☑ Selection for Ph.A/B1 (inc. outcome of / update from Pre-Ph.A)