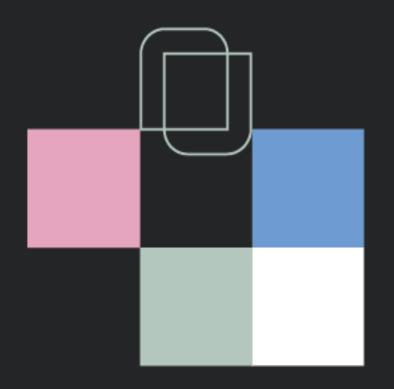# Open Horizons Open Call #1

Annex 1. Application Form

OPENING: 11 of June 2025

CLOSING: 21 of August 2025 at 17:00h* CEST (Brussels Time)

*The deadline for submission is as stated in this Annex 1 document. Please note that the platform for submission's time depends on the user's configured zone and may or may not coincide with the correct time (this depends on the user, not the platform for submission). Any discrepancies in system time will not be grounds for deadline extension.

Project Website: https://www.openhorizonsproject.eu/

Open Call platform: https://bit.ly/OpenCall1Applicants

Document history:

Version	Date	Modification made by
V0.1 draft structure	10.04.2025	SPLORO
V0.2 pre-final draft distributed for partners' review		
V0.3 Partner's feedback incorporated		
V1.0 Final version and submission		

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Reviewers: Maja Horvat and Virginia Gómez (SPLORO)

Reviewed by:	
Sploro	Maja Horvat and Virginia Gómez
PEDAL	
InnovX	
Migros	

Disclaimer

1. Legal and contact information

1.1 Participant information (contact point)

- Lead applicant*:
    - Name:
    - Surname:
    - Country:
    - Phone number (Country code + number):
    - Gender (man/woman/non-binary):
- Position within the company*:

1.2 Organisation information

- Organisation legal name*:
- Organisation short name*:
- Legal address*:
- City/Town*:
- Province/Region*:
- Country* (dropdown list):
- Phone number* (Country code + number):
- Organisation Website*:
- Tax registration number*:
- PIC number:
- Please, provide the logo of the company (in IA or SVG format)*
- Please, provide all your social media*
    - LinkedIn link
    - Facebook link
    - Mastodon link
    - Tiktok link
    - Youtube link
    - GitHub link

o Instagram link

1.3 Eligibility self–declaration

1. Was your startup founded or co-founded by women?* *YES/NO*

*If NO, please note that you are not eligible for this call. We advise you to carefully read the guidelines of the call.

1.1 Additionally, does the founder or co-founder currently hold key management positions (such as CEO, CTO, or equivalent roles) within the company at the time of submission? *: *YES/NO*

1.2 Additionally, does your startup have a minimum of 25% women ownership in its shareholding structure? *: *YES/NO*

*If NO, please note that you are not eligible for this call. We advise you to carefully read the guidelines of the call.

2. Is your startup currently a legally registered entity? *: *YES/NO*

*If NO, please note that you are not eligible for this call. We advise you to carefully read the guidelines of the call.

3. Does your company have less than 6 years since registration as of the submission date? *: *YES/NO*

*If NO, please note that you are not eligible for this call. We advise you to carefully read the guidelines of the call.

4. Does your company have more than 6 months since registration as of the submission date? *: *YES/NO*
*If NO, please note that you are not eligible for this call. We advise you to carefully read the guidelines of the call.

5. Please, specify the date of registration*:

6. Does your company meet the criteria to be classified as an startup according to the Horizon Europe criteria [Article 3 of the Annex to Commission Recommendation 2003/361/EC.](#) *: *YES/NO*

> *If NO, please note that you are not eligible for this call. We advise you to carefully read the guidelines of the call.

7. Does your company meet the criteria to be classified as a Small and Medium-sized Enterprise (SME) according to the European Commission Recommendation 2003/361/EC? *: *YES/NO*

> Please note:

- The headcount must be fewer than 250 employees (measured in Annual Work Units, AWU).

- The annual turnover must be less than or equal to 50 million EUR, or the annual balance sheet total must be less than or equal to 43 million EUR.

> *If NO, please note that you are not eligible for this call. We advise you to carefully read the guidelines of the call.

8. Is your company active in one or more of the strategic digital technologies and deep-tech domains listed in the call? *: *YES/NO*

> *If NO, please note that you are not eligible for this call. We advise you to carefully read the guidelines of the call.

9. Has your company raised **1M€ or less** in equity by the submission date? *: *YES/NO*

> *If NO, please note that you are not eligible for this call. We advise you to carefully read the guidelines of the call.

10. How much equity have you raised (EUR)?*

11. Is your startup free from any conflict of interest with the consortium partners (see [HERE](#))? ***YES / NO***
    *If NO, please note that you are not eligible for this call. We advise you to carefully read the guidelines of the call.

12. Has the proposal been previously funded, partially or fully, by any other initiative (to avoid double funding)?* ***YES / NO***
    *If YES, please note that you are not eligible for this call. We advise you to carefully read the guidelines of the call.

1.4 Funding and commercialization history

1.4.1. Financial History. Please complete the following sections with your organization's financial and growth information. Add data for the **last two years (2023-2024)**

Add section per year

- Year
- Revenue (EUR). Provide the total income your organization received for that year.
- Total Grant Funding (EUR). Provide the full amount of funding received via grants that year.
- International presence. List the countries where your company has sales *(max 200 words)*

1.4.2. Forecast (Growth focused). Provide your forecast for the next years **(2025-2027)**. This section helps understand your business trajectory and scalability.

Add section per year.

- Year

- Forecast Revenue (EUR)
- Forecast number of employees (FTE) (n°)
- International presence. List the countries where your company aims to have sales that year *(max 200 words)*

1.4.3. Interest in scaling and investors

Funding rounds. Select the funding rounds pursued from the dropdown list below: (dropdown list)

- None
- Pre-seed
- Series A
- Series B
- Series C

1.5. Startup's activities and technology

1. Provide a summary of your startup, outlining its core activities, the problem it addresses, and the products or services it currently offers in the market. * *(100-500 words)* *: *This description will be made public if you are selected.*

2. Which of the deep-technologies is your company addressing? *(multiple choice)* *:

- Artificial Intelligence
- Advanced Computing
- Cybersecurity
- Next Generation Internet
- Blockchain
- Internet of Things
- Metaverse
- Energy
- Greentech

- Agritech
- Other (please specify)

3. *Would you classify your company as a digital company?* **YES/NO***

4. *What are your company's primary growth objectives for the next 2 years?* (100-300 words). Please include relevant KPIs such as revenue targets, customer acquisition, market expansion, or internationalisation goals.*

5. *Are you planning to raise private investment (e.g., business angels, venture capital) in the next 12 months?* **YES/NO***
   * If yes, what is the estimated amount and how do you intend to use it?* (Max 150 words)

2. Project description

1. Project Name*
2. Project Acronym*
3. Which of the following challenges is your company addressing? (choose only 1)

- (1) Enhancing Infrastructure Resilience: A Data-Driven Approach for Assessing Grid Disruption
- (2) Intelligent Congestion Management for Electricity Distribution Networks
- (3) Unified Data Integration Platform for Prosumers' Energy Flows
- (4) Autonomous Cyber Digital Expert for IT & OT Threat Detection and Response
- (5) Adaptive Optimization Algorithms for Urban EV Charging Networks
- (6) Towards Reliable and Data-Efficient Machine Learning for Engineering Simulation

- (7) Enabling Secure and Efficient Model Exchange in Simulation Workflows
- (8) AI-powered tool to revolutionize formulation development using secondary data sources
- (9) Innovative Automatic Forecasting Tool Leveraging Public Data
- (10) Multidirectional energy flows: Vehicle-to-grid-to-home. Designing powerful inverters
- (11) Comparative tool for renewable thermal solutions, based on hourly demand profiles
- (12) Improved photosynthesis of microalgae
- (13) Innovative solutions for a Smart(er) Home
- (14) Sound absorbing, acoustic meta-material
- (15) Building Tomorrow – Low-Carbon & Circular Construction Solutions
- (16) Prediction of Fabric Physical Properties and Suitable Yarn-Density Combinations Based on MRP Data
- (17) Automatic Machine Assignment and Optimization of Weaving and Dyehouse Production Processes Based on Yarn and Fabric Parameters

4. Please provide an abstract of how would you solve the chosen challenge?* [*Tell us more about the project you want to develop within the Open Horizons Project.*] *(50-500 words)*

3. Technical Excellence

Project   relevance   to   the   challenge

1. How does your project contribute to achieving the specific objectives outlined in the selected challenge? Please explain its strategic alignment and anticipated benefits. * *(50-500 words)*

2. What are the key innovative elements of your proposed solution, and how does it differ from existing technologies or conventional approaches? Please provide concrete examples to illustrate its disruptive potential, technological uniqueness, and how it advances beyond the current state-of-the-art. *(50–500 words)*

3. Feasibility, technical approach and expected impact To what extent does the proposed solution effectively address the identified challenge? Describe the technical methodology, its feasibility, and the expected outcomes. * *(50-500 words)*

4. Do you plan to implement Open Science practices during your project?*
    YES/NO
    *If YES, briefly explain how you will apply Open Science principles (e.g. open access to results, use of open repositories, Creative Commons licensing) *(50-300 words)*

4. Implementation

1. Implementing Team [*Upload the information of the implementation team]*
    1º team member (add more sections per team member):
    o   First name*
    o   Last name*
    o   LinkedIn profile
    o   CV* (in pdf, Europass format)
    o   Does this person hold a PhD?*: ***YES/NO***
    o   Short bio* *(Max 50 words)*
    o   Main tasks in the project* *(Max 80 words)* Describe how they will contribute to achieve the project goals and objectives. What experience and skills do the team members have that are relevant to the project?

2. Activity plan. Describe the main activities planned to ensure effective implementation of your project.*
Please provide a clear and detailed description of your work plan, explaining the key actions, steps, and how each will support the achievement of your technical and strategic goals. Highlight any dependencies or critical paths and describe how progress will be monitored. *(100–350 words)*

3. Gantt Chart – Project timeline. Upload a Gantt chart covering the full 6-month project duration.
The chart should include all planned activities, milestones and responsible actors. (*PDF upload required*)

4. Risk assessment and mitigation strategy.
Provide an analysis of the primary technical, operational, and external risks that could affect the successful implementation of your project. For each risk, describe the potential impact and the mitigation strategy you intend to apply. *(50–200 words)*

5. Please select the type of intellectual property protection (IPR) that applies to your innovation or product. Choose only one option from the dropdown list. (dropdown list – select 1)
   - Privative
   - Open-source
   - Copyrights
   - Patents
   - Models of utility

6. Will your startup carry out all the key tasks of the project with its internal team (i.e., without subcontracting the core technical work)?* **YES/NO**

   Note: beneficiaries must have the internal capacity to implement all key activities of the project. Subcontracting core tasks (e.g., software

development, technical implementation, R&D execution) to external providers is not allowed and may result in ineligibility.

If No, please specify the type of service and estimated budget that will be subcontracted (in EUR): * (100-500 words)

Note: Subcontracting **should not exceed 15% of the total requested budget and must not include any critical tasks directly linked to the implementation of your solution.*

5. Impact

1. How does your proposal directly address the specific deep-tech challenge you have selected?* Explain its potential to deliver meaningful impact, including opportunities for scalability, long-term sustainability, and its capacity to drive transformation within relevant markets or sectors.* *(50–200 words)*

2. How does your solution bridge the gap between advanced research and practical application? Describe how the proposed technology can be implemented effectively in real-world scenarios, taking into account technical efficiency, feasibility, and compatibility with existing systems or environments.* *(50–200 words)*

3. *Does your solution contribute to the Green transition?* **YES/NO**

4. *Does your solution contribute to the Digital transition?* **YES/NO**

5. *Does your solution contribute to the Social transition?* **YES/NO**

    *If YES for any of the transition questions, please describe how your solution contributes to the transition(s) (50-200words)

6. Ethics self-assessment

1. HUMAN EMBRYONIC STEM CELLS AND HUMAN EMBRYOS
   a. Does this activity involve Human Embryonic Stem Cells (hESCs)? ***YES/NO***

      If YES:

      i. Will they be directly derived from embryos within this project? ***YES/NO***
      ii. Are they previously established cells lines? ***YES/NO***
      iii. Are the cell lines registered in the European registry for human embryonic stem cell lines? ***YES/NO***

   b. Does this activity involve the use of human embryos? ***YES/NO***
      i. If YES: Will the activity lead to their destruction? ***YES/NO***

2. HUMANS
   a. Does this activity involve human participants? ***YES/NO***

      If YES:

      i. Are they volunteers for nonmedical studies (e.g. social or human sciences research)? ***YES/NO***
      ii. Are they healthy volunteers for medical studies? ***YES/NO***
      iii. Are they patients for medical studies? ***YES/NO***
      iv. Are they potentially vulnerable individuals or groups? ***YES/NO***
      v. Are they children/minors? ***YES/NO***
      vi. Are they other persons unable to give informed consent? ***YES/NO***

   b. Does this activity involve interventions (physical also including imaging technology, behavioural treatments, etc.) on the study participants? ***YES/NO***

      If YES:

      i. Does it involve invasive techniques? ***YES/NO***
      ii. Does it involve collection of biological samples? ***YES/NO***

   c. Does this activity involve conducting a clinical study as defined by the Clinical Trial Regulation (EU 536/2014)? (using pharmaceuticals,

biologicals, radiopharmaceuticals, or advanced therapy medicinal products) *YES/NO*

> If YES:

> i. Is it a clinical trial? *YES/NO*
> ii. Is it a low-intervention clinical trial? *YES/NO*

3.HUMAN CELLS / TISSUES (not covered by section 1)
   a. Does this activity involve the use of human cells or tissues? *YES/NO*
   If YES:
   i. Are they human embryonic or foetal cells or tissues? *YES/NO*
   ii. Are they available commercially? *YES/NO*
   iii. Are they obtained within this project? *YES/NO*
   iv. Are they obtained from another project, laboratory or institution? *YES/NO*
   v. Are they obtained from biobank? *YES/NO*

4.PERSONAL DATA
   a. Does this activity involve processing of personal data? *YES/NO*
   If YES:
   i. Does it involve the processing of special categories of personal data (e.g.: sexual lifestyle, ethnicity, genetic, biometric and health data, political opinion, religious or philosophical beliefs)? *YES/NO*

   > If YES: Does it involve processing of genetic, biometric or health data? *YES/NO*

   ii. Does it involve profiling, systematic monitoring of individuals, or processing of large scale of special categories of data or intrusive methods of data processing (such as, surveillance, geolocation tracking etc.)? *YES/NO*

b. Does this activity involve further processing of previously collected personal data (including use of preexisting data sets or sources, merging existing data sets)? *YES/NO*

c. Is it planned to export personal data from the EU to non-EU countries? *YES/NO*

> If YES: Specify the type of personal data and countries involved:

d. Is it planned to import personal data from non-EU countries into the EU or from a non-EU country to another non-EU country? *YES/NO*

> If YES: Specify the type of personal data and countries involved

e. Does this activity involve the processing of personal data related to criminal convictions or offences? *YES/NO*

5.ANIMALS

a. Does this activity involve animals? *YES/NO*

> If YES:

  i. Are they vertebrates? *YES/NO*
  ii. Are they non-human primates (NHP)? *YES/NO*
  iii. Are they genetically modified? *YES/NO*
  iv. Are they cloned farm animals? *YES/NO*
  v. Are they endangered species? *YES/NO*

6.NON-EU COUNTRIES

a. Will some of the activities be carried out in non-EU countries? *YES/NO*
> If YES: Specify the countries:

b. In case non-EU countries are involved, do the activities undertaken in these countries raise potential ethics issues? *YES/NO*
> If YES: Specify the countries:

c. Is it planned to use local resources (e.g. animal and/or human tissue samples, genetic material, live animals, human remains, materials of historical value, endangered fauna or flora samples, etc.)? *YES/NO*

d. Is it planned to import any material (other than data) from non-EU countries into the EU or from a non-EU country to another non-EU country? For data imports, see section 4. *YES/NO*

> If YES: Specify material and countries involved:

e. Is it planned to export any material (other than data) from the EU to non-EU countries? For data exports, see section 4. *YES/NO*

> If YES: Specify material and countries involved:

f. Does this activity involve low and/or lower-middle income countries? (if yes, detail the benefit sharing actions planned in the self-assessment) *YES/NO*

g. Could the situation in the country put the individuals taking part in the activity at risk? *YES/NO*

7. ENVIRONMENT, HEALTH and SAFETY

a. Does this activity involve the use of substances or processes that may cause harm to the environment, to animals or plants (during the implementation of the activity or further to the use of the results, as a possible impact)? *YES/NO*

b. Does this activity deal with endangered fauna and/or flora / protected areas? *YES/NO*

c. Does this activity involve the use of substances or processes that may cause harm to humans, including those performing the activity (during the implementation of the activity or further to the use of the results, as a possible impact)? *YES/NO*

8. ARTIFICIAL INTELLIGENCE

a. Does this activity involve the development, deployment and/or use of Artificial Intelligence based systems? (if yes, detail in the self-assessment whether that could raise ethical concerns related to human rights and values and detail how this will be addressed). *YES/NO*

9. OTHER ETHICS ISSUES

      a. Are there any other ethics issues that should be taken into consideration? ***YES/NO***

By submitting this form, I confirm that I have taken into account all ethics issues above and that, if any ethics issues apply, I will complete the ethics self-assessment as described in the guidelines '[How to Complete your Ethics Self-Assessment'](#)

7. Declaration of honour

By submitting this form, I hereby certify that, as independent expert acting individually or as expert representing an organisation:

1. The information provided in my proposal as evaluator is truthful, correct and complete.

2. The information concerning my legal status is correct and complete and concurs with the stipulations outlined in the Guidelines for Evaluators, including its annexes.

3. I commit to comply with the eligibility criteria set out in the call for Evaluators for the entire duration of the external evaluation process, hereinafter, the action.

4. I am committed to participate in the action;

5. I or my organisation:

    • is NOT subject to an administrative sanction (i.e., exclusion or financial penalty decision).

6. I or my organisation is NOT in one of the following exclusion situations:

    • bankrupt, being wound up, having the affairs administered by the courts, entered into an arrangement with creditors, suspended business activities or subject to any other similar proceedings or procedures;

    • in breach of social security or tax obligations.

7. I or my organisation (or persons having powers of representation, decision-making or control, beneficial owners or persons who are essential for the award/implementation of the grant): are NOT in one of the following exclusion situations:

> • guilty of grave professional misconduct;

> • committed fraud, corruption, links to a criminal organisation, money laundering, terrorism-related crimes (including terrorism financing), child labour or human trafficking;

> • shown significant deficiencies in complying with main obligations under an EU procurement contract, grant agreement or grant decision;

> • guilty of irregularities within the meaning of Article 1(2) of Regulation No 2988/95;

> • created under a different jurisdiction with the intent to circumvent fiscal, social, or other legal obligations in the country of origin (including creation of another entity with this purpose).

8. I or my organisation is NOT subject to a conflict of interest in connection with the action and will notify — without delay — any situation which could give rise to a conflict of interests.

9. I or my organisation has NOT and will NOT, neither directly nor indirectly, grant, seek, obtain, or accept any advantage in connection with the entities related with the action that would constitute an illegal practice or involve corruption.

10. I am aware that false declarations may lead to rejection, suspension or termination from the contractual relationship between the subcontractor (SPLOROTECH SL) and my organisation

8. Personal Data Protection basic information

Please read [Legal disclaimer] and [Privacy policy] and [Terms of services] and confirm

As part of the OPEN HORIZONS Project we are committed to protecting your privacy and secure your personal data. This notice explains how we handle your personal data in accordance with the applicable national and European data protection legislation, including Regulation (EU) 2016/679 of the European Parliament and of the Council of 27 April 2016 on the protection of natural persons with regard to the processing of personal data and on the free movement of such data, and repealing Directive 95/46/EC (GDPR).

As we determine the purpose and means of processing your personal data in the context of submission of proposal for an Open Call, which is part of the OPEN HORIZONS activities, we are considered to be the Data Controller with regard to the processing of your personal data.

We are SPLOROTECH SL, address: PARQUE TOMÁS CABALLERO 2, Sexto, Oficina 1,

Despacho 6.10, Pamplona, Spain (hereinafter Sploro)

E-mail: lopd@sploro.eu

In the context of conducting this Open Call, which is part of the project OPEN HORIZONS, we collect your personal data necessary for evaluating your proposal. These data may include:

> • Name, contact information, and professional details (provided via form, CV standalone files or any other type of data)

> • Information included in your application forms, supporting documents, or other materials.

This data will be used for purposes such as evaluating submissions and complying with our contractual obligations under grant agreements the programme you are applying are part of.

Your personal data may be shared with third parties which may, include, but are not limited to:

• Granting Authorities: European Innovation Council and SME's Executive Agency (EISMEA)

• Consortium Partners: The information provided may also be shared with the partners in the consortium. These partners are contractually obligated to handle your data in compliance with applicable with national and European data protection legislation, including GDPR standards, ensuring the confidentiality and security of your personal data. More about the project consortium members you can find at the project website.

• Monitoring and oversight bodies, including internal audits, the European Court of Auditors, and the European Anti-Fraud Office (OLAF), as required under Union or national laws.

Such sharing will be conducted in compliance with GDPR, the grant agreements, and other relevant regulations. In particular:

For EC co-funded programme, personal data included in applications will be shared with the EC or its agencies, as required by Articles 15, 19, and 25 of Horizon Europe Grant Agreement.

Accuracy and Completeness of Data

All data provided must be accurate, precise, and complete, as required by Article 19.1 of the Horizon Europe Grant Agreement. Failure to provide such data may result in the inability to process your application or other actions necessary for programme participation.

Security Measures

Sploro implements appropriate technical and organizational measures to ensure the security of your personal data. However, the hosting and operation of the platform are managed by AcceleratorApp, and their policies apply to the processing operations they manage. You can view their Privacy Policy for details.

All data processing activities are carried out in a strictly confidential manner, and secured according to the state of the art, and industry best standards using anonymization techniques where possible.

The processing of your personal data is carried out strictly in accordance with the principles of data protection as laid down in the GDPR. All data processing activities are carried out lawfully by ensuring that the legal ground for the processing is given.

As the processing of your personal data is based on your consent, you have the right to withdraw your consent at any time by contacting us at lopd@sploro.eu. Please note, however, that once you have withdrawn your consent, we will no longer be able to process your data and will not be able to continue with the evaluation of your proposal.

We will only process your data for the purposes explained in this article and will only retain data for as long as necessary to fulfil the purposes explained. After that, your data will be securely deleted or anonymized. We emphasize that we take appropriate technical and organizational measures to protect your data from unauthorized access, disclosure or misuse, in accordance with the requirements of relevant regulations.

Under the GDPR, you have the following rights concerning your personal data:

- Right of Access
- Right to Rectification
- Right to Erasure
- Right to Restrict Processing
- Right to Data Portability
- Right to Object

Data controller: Splorotech, S.L. (ES- B71438956).

Purposes of processing: Offer and manage our products and services for entrepreneurs, startups, companies, industries, corporations and researchers to manage their innovations projects and related activities; providing contact,

consultation, and communication tools with interested and related parties, responding to applications, requests and/or queries.

Lawfulness of processing: Execution of a service contract, consent of the interested party, data controller 's legitimate interests and/or compliance with a legal obligation.

Disclosure to third parties: Your data may be forwarded to Sploro´s collaborators that intervene in any phase of the products or services requested and for legal obligations.

Rights of interested parties: You can exercise your rights on data protection at Parque Tomás Caballero, 2 – Sixth floor, Office 6 – 31006 Pamplona – Navarre (Spain) / lopd@sploro.eu.

More information: More detailed information in the "Privacy Policy" of the company's website.