



SPADE

Open Call for Applicants #2

Application Form

OPENING: 24 March 2025

CLOSING: 26 May 2025 at 17:00 CET*

* The deadline for submission is as stated in this Guidelines document. Please note that the platform for submission's time depends on the user's configured time 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://spade-horizon.eu/>

Open Call platform: [SPADE_OC2_Applicants](#)

All the Open Call documents and templates available for download at <https://spade-horizon.eu/open-call/>

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the European Union

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1. Legal and contact INFO

1.1 Please provide the following Contact Details:

1.1.1 First Name*:

1.1.2 Last Name*:

1.1.3 Phone number* (including Country Code):

1.2 Please provide the following Organisation information

1.2.1 Organisation legal name*:

1.2.2 Organisation short name*:

1.2.3 Type of organisation*: (Drop down SME University Research / Technological Centre NGO / Foundation)

1.2.4 Legal address*:

1.2.5 City/Town*:

1.2.6 Province/Region*:

1.2.7 Country*:

1.2.8 Organisation Website *:

1.2.9 VAT/Tax registration number*:

1.2.10 PIC number:

1.3 Eligibility self-declaration

Applicants are required to ensure that all information provided in the eligibility self-declaration, is **accurate and truthful**. Should any false information be discovered, submitted with the intent of passing the eligibility criteria, the applicant will be automatically disqualified.

1.3.1 Has this proposal been submitted by a single partner only and not as a consortium? **YES/NO***

1.3.2 Has the legal entity submitted up to two proposals (one per challenge) in this call? **YES/NO***

1.3.3 (For Universities, Research or Technological Centres only) Is this proposal submitted independently without sharing personnel from different research groups within the Organisation? **YES/NO***

1.3.4 Can you confirm to the best of your knowledge that neither the application as a whole nor any parts of it have benefitted from other funding? **YES/NO***

1.3.5 Can you confirm that neither the applying entity nor any employee has any connection, association, or legal relationship with any SPADE beneficiary? **YES/NO***

1.3.6 Do you agree to collaborate with SPADE and follow the Open Source requirements as described in Guidelines for Applicants and Open Call Technical Annex? **YES/NO***



Given that the SPADE common platform operates as an open-source project under the Eclipse Public License (EPL 2.0), we strongly recommend adhering to best practices in open-source development. Therefore, we require that chosen projects initiate the development on the SPADE Research Labs infrastructure right from the outset. This infrastructure is supported by the Eclipse Foundation and is hosted on their GitLab platform.

Licenses permitted by SPADE are:

- **Eclipse Public License (EPL 2.0)**
- **Apache 2.0 License**
- **BSD License**
- **MIT License**

By leveraging the SPADE and Eclipse platforms, developers benefit from the following services:

- Guidance in selecting an industry-friendly open-source license.
- Support for tracking code provenance and properly managing copyrights.
- Assistance in analysing third-party dependencies and ensuring that open-source license compatibility.



2. Project description

2.1 Project Name*:

2.2 Project Acronym*:

2.3 General Description*: *[Tell us more about the project you would like to develop within the SPADE Project (min 100 words max 200 words)]*

2.4 Challenge Addressed*: *[select one option]*

- UCU-CH1: Swarm Communication and Navigation
- UCU-CH2: Open-Source Tilted Rotor Drone System
- UCU-CH3: Aerial image processing service
- CStudy1-CH1: ML-Based Disease Detection in Mediterranean crops
- CStudy1-CH2: Open Field Data Collection and Annotation
- CStudy2-CH1. Below-Canopy Forest Data Collection and Annotation
- CStudy2-CH2. Ultralight Self-Levelling Landing Gear for Quadrotor Drones
- CStudy3-CH1: Virtual Fencing Application for Livestock Grazing Management
- CStudy3-CH2: Acquiring and structuring livestock open field animal wellbeing/healthcare datasets for training ML models



3. Team

We will require at least two CVs of full-time personnel (or one full-time and several part-time) for the development of the experiment.

3.1 First name*:

3.2 Last name*:

3.3 Title*:

3.4 LinkedIn page:

3.5 CV (in English / PDF format): *:

3.6 Short bio*: (Minimum 100 words – Maximum 200 words)

3.7 Main tasks in the project*: (Maximum 200 words)

3.8 Percentage of dedication to the project*:

3.9 Does your expertise align effectively with the chosen challenge? **YES/NO***

3.10 Please, explain how your expertise is aligned with the chosen challenge. (minimum 100 – maximum 200 words)



4. Technical Excellence

4.1 Objective*:

How does your project align with SPADE's objectives of enhancing sustainable digital services through UAV technologies in agriculture, forestry, and livestock sectors? Describe the specific objectives of your project and how they contribute to addressing the challenges selected from Open Call #2 (Min. 100 words – Max. 200 words)

4.2 Innovation of your project*:

What specific contributions will your project make to achieving SPADE's objectives? How does it differentiate from other projects in the same field? (Min. 100 words – Max. 200 words)

4.3 How well does the proposed solution address the specific challenge identified? Provide details on feasibility, technical approach, and expected outcomes. (Min. 100 words – Max. 200 words)

4.4 Technology Readiness Level*:

4.4.1. Please select the initial Technology Readiness Level (TRL) of the proposed solution according to the EU TRL scale:

- TRL 1 – Basic principles observed
- TRL 2 – Technology concept formulated
- TRL 3 – Experimental proof of concept
- TRL 4 – Technology validated in lab
- TRL 5 – Technology validated in relevant environment
- TRL 6 – Technology demonstrated in relevant environment
- TRL 7 – System prototype demonstration in operational environment
- TRL 8 – System complete and qualified
- TRL 9 – Actual system proven in operational environment

4.4.2. Indicate the expected Technology Readiness Level (TRL) to be achieved by the end of the project.

- TRL 1 – Basic principles observed
- TRL 2 – Technology concept formulated
- TRL 3 – Experimental proof of concept
- TRL 4 – Technology validated in lab



- TRL 5 – Technology validated in relevant environment
- TRL 6 – Technology demonstrated in relevant environment
- TRL 7 – System prototype demonstration in operational environment
- TRL 8 – System complete and qualified
- TRL 9 – Actual system proven in operational environment

4.5 Ambition over current state of technologies*:

What improvements will your project develop over the current state of technology in the field of UAVs and digital services for agriculture, forestry, and livestock? (Min. 100 words – Max. 200 words)



5. Implementation

5.1 Activity plan*:

Please ensure that your activity plan for the project is clear and detailed, providing a comprehensive explanation of what your organization intends to do to achieve the project's goals. Additionally, clarify how these activities will directly support the project objectives. (Min. 150 words – Max. 300 words)

5.2 Please upload a Gantt chart that includes all the planned activities for the project's execution*:

Please upload a Gantt chart that includes all the planned activities for the project's execution (duration: 6 months). (*PDF)

5.3 Expected results and Deliverables*:

Describe the key expected results and deliverables that the proposal will achieve and deliver. Propose KPIs, where appropriate, to ensure that the main objectives and expected results are measurable.

Please note that mandatory deliverables (refer to Section 9: Deliverables List) are already defined for each implementation phase and are linked to payment milestones. However, you may propose additional deliverables for each implementation phase if relevant.

Your response should clearly outline the tangible outputs of the project. (Min. 100 words – Max. 400 words)

5.4 Open-Source Promotion*:

How does your project promote open-source contributions within the SPADE framework? Describe any open-source software, datasets, methodologies, or collaborative initiatives you plan to develop or integrate. Explain how these contributions align with SPADE's objectives and ensure accessibility and reusability. (Min. 100 words – Max. 200 words)



6. Impact

6.1 How will your proposal contribute to SPADE's objectives by enhancing smart farming, forestry, and rural communities through drone technologies while delivering economic benefits such as cost reductions, efficiency improvements, or new market opportunities? *: (Min: 200 words Max: 500 words)

6.2 How will your proposal support resource efficiency, carbon footprint reduction, and biodiversity? *:

(Min. 100 words – Max. 200 words)

6.3 How does your proposal support stakeholder engagement, knowledge sharing, and more inclusive decision-making processes? *: (Min. 100 words – Max. 200 words)

6.4 How will your solution integrate with the SPADE project? *: (Min. 100 words – Max. 200 words)

6.5 How does your proposal outline its ideas regarding the exploitation of results? *: (Min. 100 words – Max. 200 words)



7. Communication

This activity refers to the communication of the organization's participation in the SPADE project to relevant communities and the public. It involves creating a strategy to ensure that the project's outcomes and impacts reach the intended audience through various channels, such as social media, website, press releases, newsletters, and events.

7.1 Please select one or more of the communication strategies listed below that your organization plans to use for sharing its participation in SPADE. * [select one or more options]

- Social Media: The beneficiary will utilize various social media platforms (e.g., Twitter, Facebook, LinkedIn, Mastodon, etc.) to share updates and news about their participation in SPADE.
- Newsletter: The beneficiary will send out regular newsletters to their mailing list to keep them informed about their participation in SPADE.
- Conferences and events: The beneficiary will attend relevant conferences and events to promote their participation in SPADE and network with other relevant stakeholders.
- Press releases: The beneficiary will issue press releases to relevant media outlets to announce their participation in SPADE and share updates about their progress.
- Website updates: The beneficiary will regularly update their website to include information about their participation in SPADE and share updates with their online community.
- Others, if so specify

7.2 Can you give some additional examples of communication strategies that you have in mind?* (Min: 100 words Max: 500 words)



8. Dissemination

Dissemination of project results involves sharing the outcomes and findings of the project with the relevant stakeholders and the public. This process helps to maximize the impact of the project and increase awareness of its outcomes, and may involve various strategies such as publications, conferences, social media, and other forms of communication. The aim is to ensure that the project's results reach as wide an audience as possible and can be used to inform future research and decision-making.

8.1 Please select the dissemination strategies that your organization plans to use to share the project results with the relevant community and the public. * [select one or more options]

- Presenting the results at conferences and workshops.
- Publishing research papers in academic journals and industry publications.
- Organizing webinars and online events.
- Creating informative and engaging videos for social media platforms.
- Collaborating with influencers and opinion leaders in the relevant field to promote the project results.
- Participating in interviews with media outlets.
- Hosting demos and showcasing the project outputs to stakeholders.
- Contribute to open-source repositories.
- Other

8.2 Can you give some additional examples of dissemination strategies that you have in mind? (Min: 100 words
Max: 500 words)

8.3 Please confirm that you agree to collaborate with SPADE in its transversal Dissemination & Communication activities * (i.e., participating in interviews, providing materials for articles and publications, etc.) **YES/NO**

8.4 Please select the strategies that you plan to use to exploit the results of your project. * multiple choice

- Commercialization: The beneficiary will explore ways to commercialize the results of the project, such as creating new products or services that can be sold in the market.
- Licensing: The beneficiary will license the intellectual property resulting from the project to third parties for a fee.
- Open access: The beneficiary will make the results of the project publicly available through open access repositories, such as online databases or journals.
- Collaboration: The beneficiary will collaborate with other organizations to further develop and apply the project results.



Further research: The beneficiary will continue to conduct further research and development based on the project results.

Other

8.5 Can you give some additional examples of exploitation strategies that you have in mind? (Min: 100 words
Max: 500 words)



9. Other

9.1 Where did you get to know us?

- Through the SPADE partners. Which one?
- Through social media. Which one?
- At an event Which one?
- Through mailing. Which one?
- Other, please specify.

10. Personal Data Protection Basic Information

As part of the *SPADE 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 *SPADE* 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 *SPADE*, 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, managing participation in the programme, 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: The European Research Executive Agency (*REA*).

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.

Subcontractors or evaluators involved in assessing applications or implementing actions.

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.

REA may process this data as data controllers to monitor compliance, ensure proper implementation, and verify eligibility.

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.

11. Declaration of Honour

By submitting this form, I, the applicant:

hereby certify that (subject to the additional declarations below):

1. The information provided for this project is correct and complete.

The information concerning the legal status in the Application for my organisation is correct and complete.

2. I/my organisation commits to comply with the eligibility criteria set out in the call for proposals for the entire duration of the action.

3. My organisation:

- is committed to participate in the action;
- has stable and sufficient sources of funding to maintain the activity throughout the action and to provide any counterpart funding necessary;
- has or will have the necessary resources needed to implement the action;
- acknowledge to be fully responsible for other linked third parties;
- for innovation and experimental projects: are committed to comply with the highest standards of ethical principles and research integrity and confirm that the work is free of plagiarism;
- is NOT subject to an administrative sanction (i.e., exclusion or financial penalty decision)

4. 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.

5. 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):

- is 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).

6. My organisation is NOT subject to a conflict of interest in connection with this grant and will notify — without delay — any situation which could give rise to a conflict of interests.
7. My organisation has NOT and will NOT, neither directly nor indirectly, grant, seek, obtain, or accept any advantage in connection with this grant that would constitute an illegal practice or involve corruption.
8. My organisation has not received any other EU grant for this project and will give notice of any future EU grants related to this project AND of any EU operating grant(s) given to my organisation.
9. My organisation is aware that false declarations may lead to rejection, suspension, termination or reduction of the grant and to administrative sanctions (i.e., financial penalties and/or exclusion from all future EU procurement contracts, grants, prizes and expert contracts).

