

Equity-free funding opportunities from the European Commission. The ARISE Open call



Antonio Montalvo
Senior Project Manager
Robotics cluster lead



ROBOT 2024, UPM, Madrid, 8 November 2024



Antonio Montalvo
FUNDINGBOX

- **Senior Telecommunications Engineer** from UPM and **MBA** from ICADE.
- 15+ years of experience in the Telecommunications Industry in Europe and USA.
- 15 years in Technology and Innovation projects.
- **Senior Project Manager & Robotics Cluster Lead** at **FundingBox**, the leading orchestrator of Public Funding distribution around Europe.
- Experience in Managing Open Call and FSTP processes in 20+ **H2020** and **HE** projects dealing with AI, Data and Robotics technology transfer.

Leaders in Cascade Funding
management with more than 50 projects



Download



FundingBox in Robotics

Robotics Box



Funding
2024-26



Funding
2024



Open Calls
Launched in
2024

Robotics Community



Robotics
Community
Members



Robotics
Supportive
Partners



Robotics
Ambassadors

OUR FACTS

Funds Box



Equity-free funds
managed by
FundingBox



Funding
Applications
managed

OnePass Box



Public & Private
Funding in
Europe with
OnePass

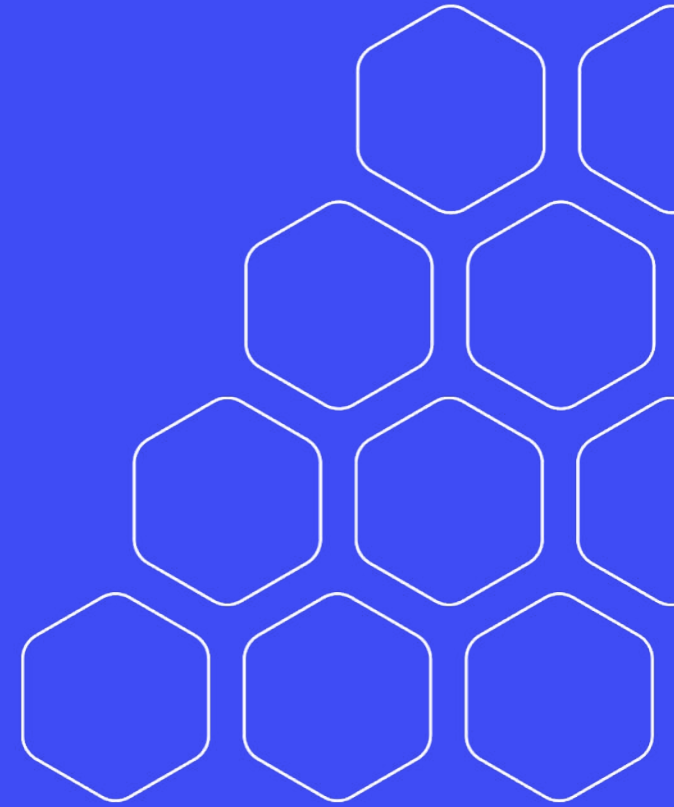


Equity-free
Funding

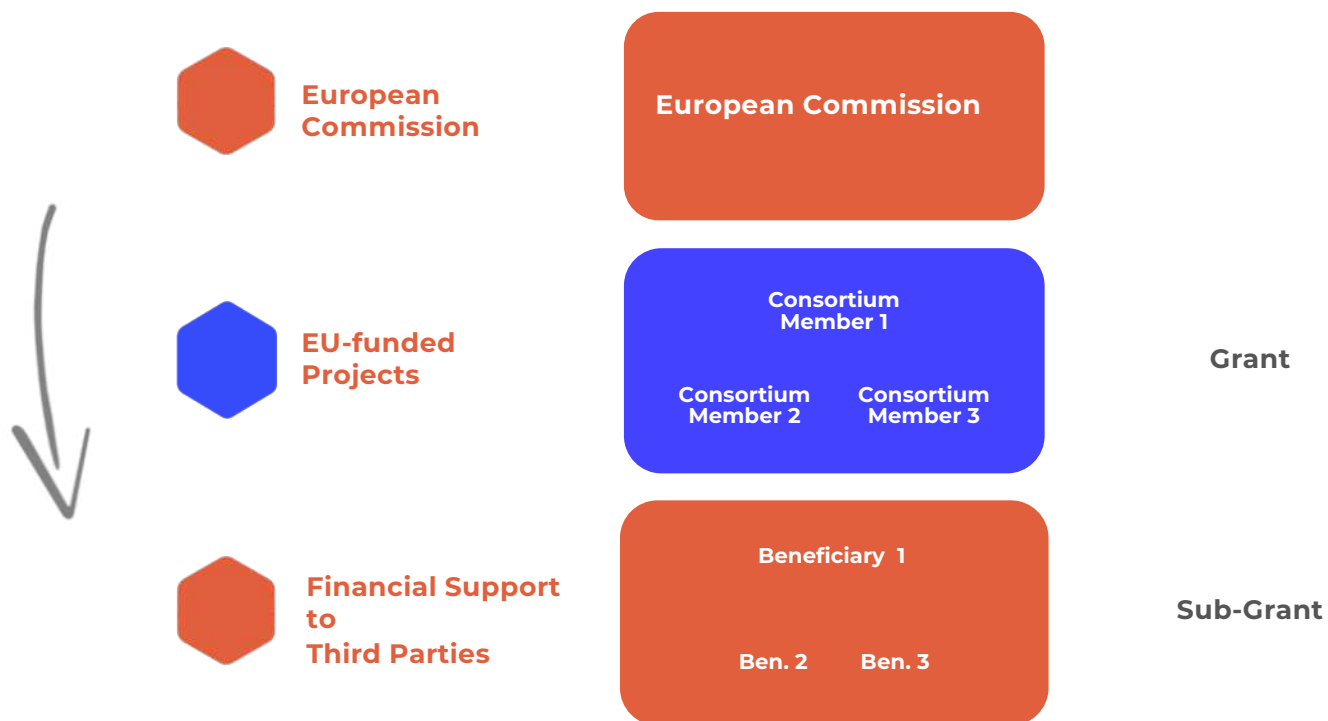


Funding &
Tech
Opportunities

HOW_to access public funding opportunities?



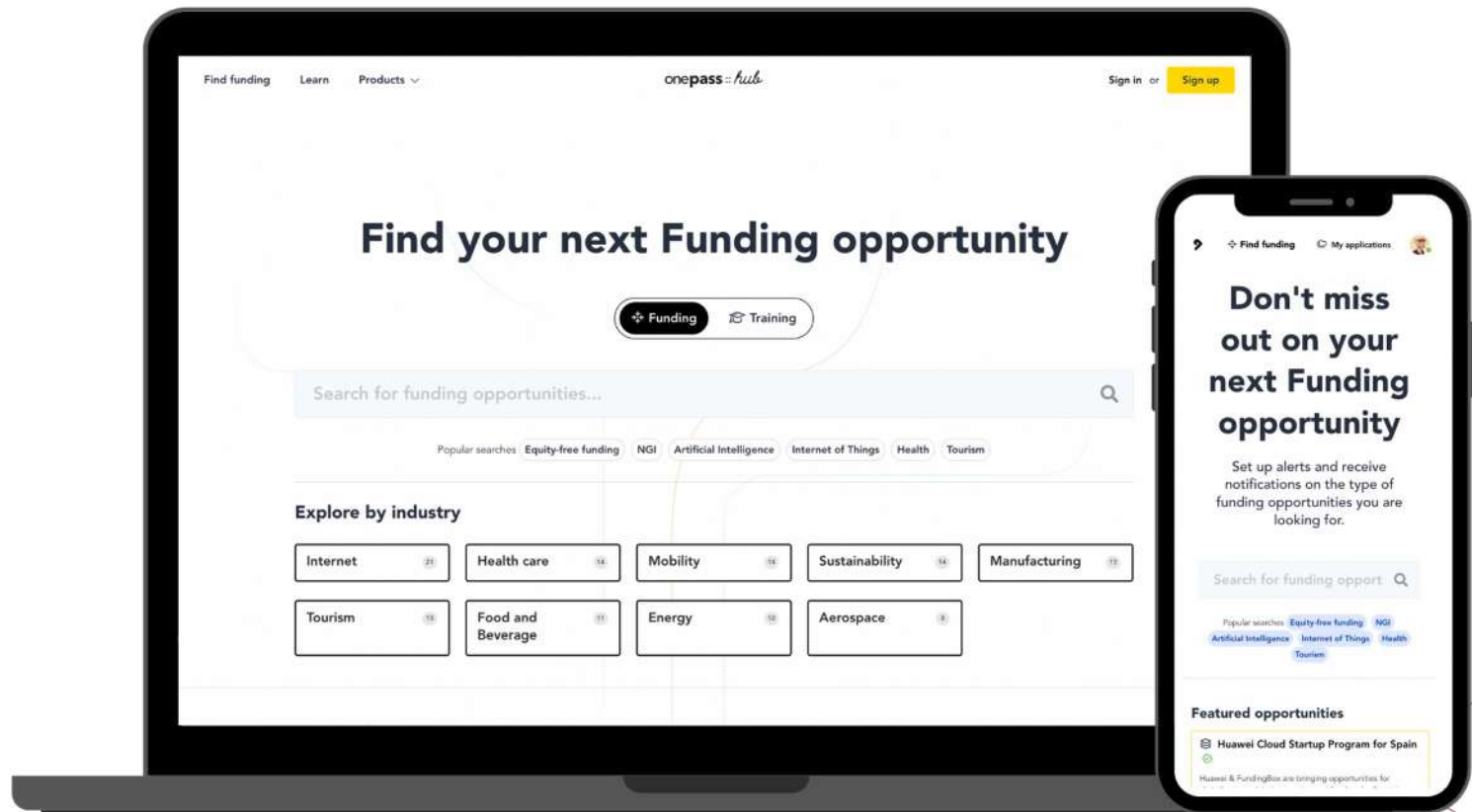
How **Cascade Funding/FSTP** works?





Funding and training gateway for European innovators, SMEs, Start-Ups and Scale-Ups

HUB



How to apply to all these opportunities?



Step 01

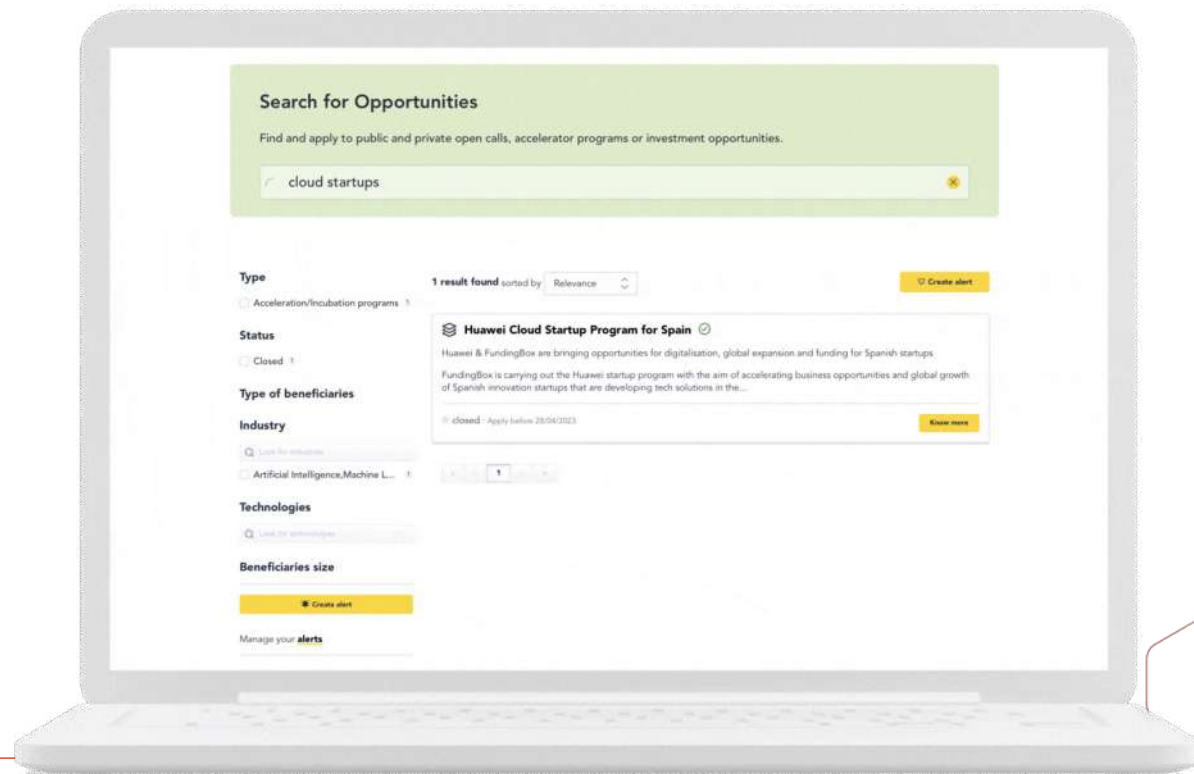


**Create your Pass &
Start Searching**

Industry

Q Look for industries

- ☐ Manufacturing 44
- ☐ Mobility 32
- ☐ Tourism 28
- ☐ Food and Beverage 21
- ☐ Energy 20
- ☐ Health Care 19
- ☐ Transportation 19
- ☐ Internet 16



How to apply to all these opportunities?



Step 02



Fill out
Application
+
Submit Deck



*"I can export and see the evolution
of my submission within **"My
applications"** taking full control of
my funding journey in a trustworthy
Digital Identity framework"*



My applications

Huawei Cloud Startup Program for Spain

Submitted by: @davidseaneofbox
On behalf of: FundingBox Communities SL
Status: Archived
Date submitted: 7 months ago

Export

View submitted application

The screenshot shows a laptop displaying a web form titled "CONTACT INFO *". The form includes fields for "Startup name", "First name", "Last name", and "Contact email". Below this is the "BASIC PROJECT INFORMATION *" section, which contains several rows of questions with radio button options for "Yes" or "No". The "HEADQUARTERS ADDRESS *" section includes fields for "Country", "City", "Region", "Postal code", and "Street name and number". The "YOUR SOLUTION/IDEA *" section has fields for "One liner", "Problem", "Solution", "Who are the core customers you are serving?", "Value proposition", "Market type", and "We already have customers". The "IMPACT" section at the bottom includes fields for "When do you need to raise", "Amount of money expected to be", "Money raised", "Burn rate", "Runway", "Paid employees", "Ordinary debt", "Lifetime revenue", "Revenue last", "Revenue second", "Traction", and "Revenue elaborate".

How to apply to all these opportunities?



Step 03

Industry

Q Look for industries

- ☐ Manufacturing 44
- ☐ Mobility 32
- ☐ Tourism 28
- ☐ Food and Beverage 21
- ☐ Energy 20
- ☐ Health Care 19
- ☐ Transportation 19
- ☐ Internet 16



Evaluation of applications take place

"Whilst I wait, I can apply to with 1-click to many other opportunities"



Pilot and Use Cases co-funded and built with the European Commission

Training Use Case



Empowering Digital Transformation for EU SMEs by upskilling in Cloud.

CloudCamp4SMEs offers access to high-quality, low-cost training courses focusing on high-demand digital skills for Cloud Technologies Solutions. Trainings are designed by global leaders in cloud technology: AWS, FastLane, Adecco, Mylia and more.

[Business Leaders & Managers Pathway](#) ▶
[SME Employees Pathway](#) ▶

Investment Use Case



Fostering EU startups seed cross-border investment across EU.

BEYOND builds digital trust to boost the exchange of resources among acceleration ecosystems in EU. We ease the investment-gap between EU regions with startup-investment leaders like Accelerace, FundingBox, Overkill and Innovation Capital.

[BEYOND website](#) ▶
[BEYOND OpenCall in OnePass \(closed\)](#) ▶

Financial Wallet Use Case



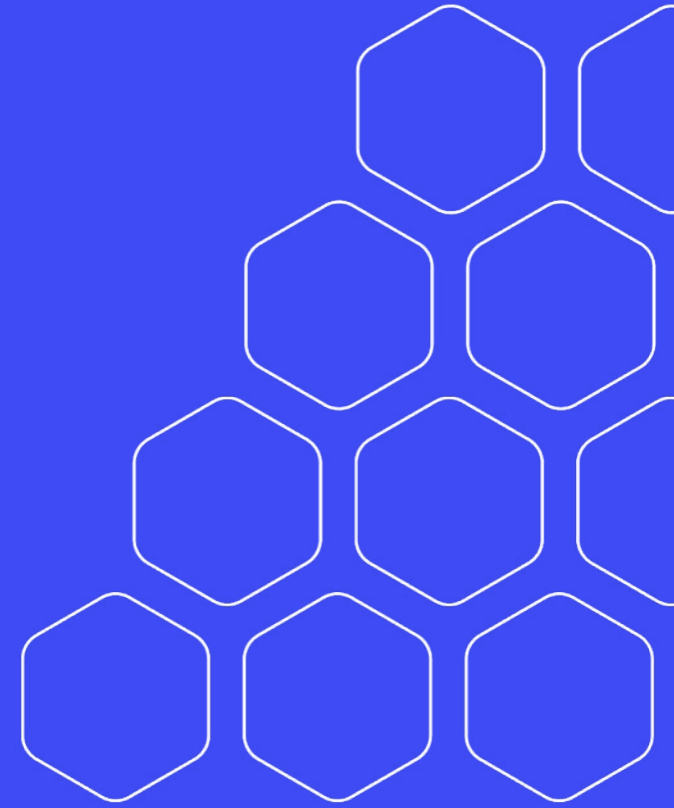
Boosting EU StartUp investment/financing with verifiable credentials.

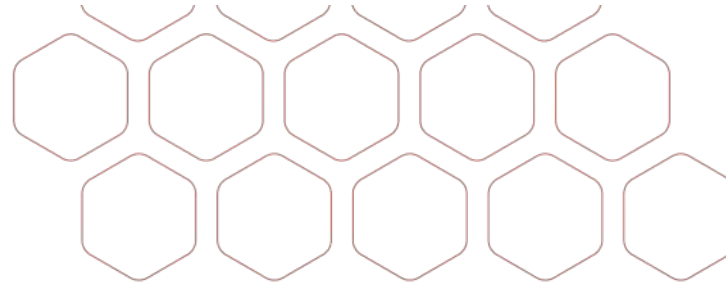
We are creating a network of verified entities to streamline cross-border investing, built with EBSI, our pilot solution matches investable startups with investors using Verifiable Credentials issued by Accelerators, Incubators, investors and other entities.

[Visit bridge Website](#) ▶
[Follow us on LinkedIn](#) ▶



Current and upcoming Open Calls





Funding

Up to 25.000 euros depending on the level of engagement



Levels of engagement

- Awareness Partner – Share CYSSDE news and updates. Grant: Up to €3,000
- Call Partner – Encourage organizations to join our upcoming penetration testing Open Call. Grant: Up to €6,000
- Capacity Partner – Help build penetration testing capabilities for future calls. Grant: Up to €13,000
- Matchmaking Partner – Organize events connecting organizations with potential customers. Grant: Up to €25,000



What kind of support will be offered?

11 months of activities support.



Type of applicants:

Cybersecurity
National Coordination Centers (NCC`S)



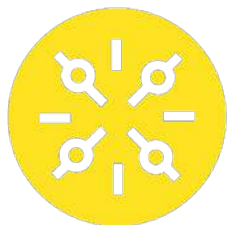
Deadline:

December 2, 2024

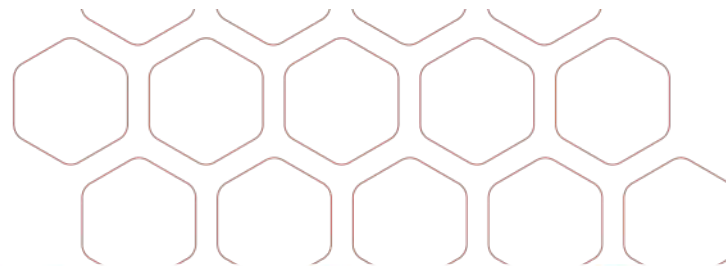


Information available at:

<https://cyssde-nccs-open-call.fundingbox.com/>



TALOS



robo**T**ics and **A**rtificial intelligence **L**iving labs improving **O**perations in PV **S**cenarios

**Funding:**

Start-ups will be covered for 100% of their eligible costs, up to EUR 200,000 , while SMEs that are not Start-ups can receive 70% of their eligible costs, up to EUR 140,000 (from 9 to 13 entities will be founded)

**Supported activities:**

Development of robotics, AI and data solutions in order to address the challenges defined for the 3 Pilot Scenarios to be executed within TALOS Project (land-based PV, floating PV, AgriPV).

**What kind of support will be offered?**

9-month support programme with expertise in engineering integration, testing and validation to support the selected SMEs and Start-ups to demonstrate the added value of their solutions to address the challenges of the use-cases.

**Type of applicants:**

Single SMEs or Start-ups to develop Robotics, AI and Data solutions.

**Deadline:**

3rd December 2024 15.00 Brussels time.

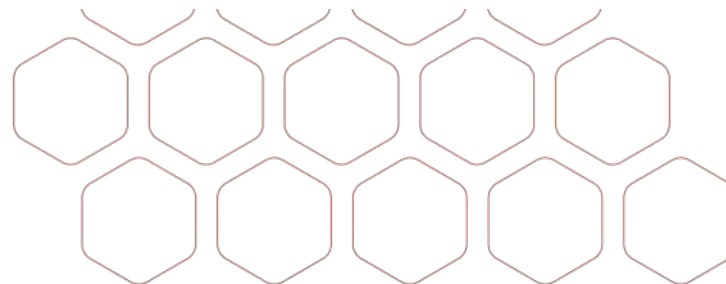
**Information available at:**

<https://talos-oc.fundingbox.com/>



FundingBox

#FundingChampions

**Funding:**

up to €150.000 (under option 1 for single entities) or €250,000 (under option 2 for groups of cooperating and complementary partners)

**Supported activities:**

5G evolved field trials, beyond 5G trials in diversified and heterogeneous vertical use cases covering key industrial and societal sectors

**What kind of support will be offered?**

3 additional prizes of 10.000€ will be awarded to the best Open Call contractors rewarding excellence of trials performance

**Type of applicants:**

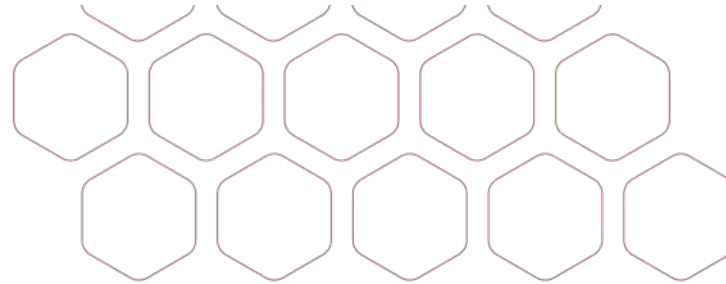
SMEs, start-ups, RTOs or any other relevant entity - single (option 1) or groups of collaborating and complementary partners (option 2)

**Deadline:**

10 December 2024

**Information available at:**

<https://fidal.fundingbox.com>

**Funding:**

Under the **3rd Open Call of the Technology Exchange Programme** is up to € 60 000 to each third-party project.

**Supported activities:**

The activity that qualifies for financial support under the 3rd Open Call for the Technology Exchange Programme is to build transferable tech solutions on Robotics and Artificial Intelligence.

**What kind of support will be offered?**

3 - 12 months Technology Programme for development and validation of novel scientific methods and technologies, intelligent transferable skills and capabilities of robots in different domains.

**Type of applicants:**

We are looking for a single (individual) entity who is:

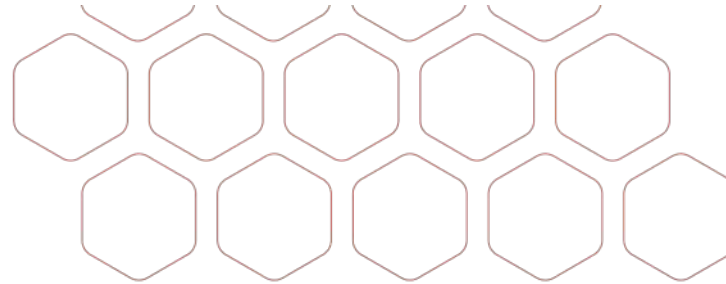
1. a Company of any size
2. a Research Organisation
3. an Academia Research Institution

**Deadline:**

20th of November, 2024 - 19th of February, 2025

**Information available at:**

<https://eurobin-network.fundingbox.com/>



Funding:

Under the 1st Open Call for Collaborative Projects is up to € 60 000 to each third-party project.

Supported activities:

The activity that qualifies for financial support under the 1st Open Call for the Collaborative Projects is to validate and demonstrate technologies from the EuroCore repository, with the goal of driving their real-world applicability (Technology Validation).

What kind of support will be offered?

3 - 12 months Support Programme with access to tools and resources via the European Robotics Code and Data Repository (EuroCore), which includes developed software, datasets, datasheets, and tutorials, enabling them to test and integrate these solutions into their own applications.

Type of applicants:

We are looking for a single (individual) entity who is:

1. a Company of any size
2. a Research Organisation
3. an Academia Research Institution

Deadline:

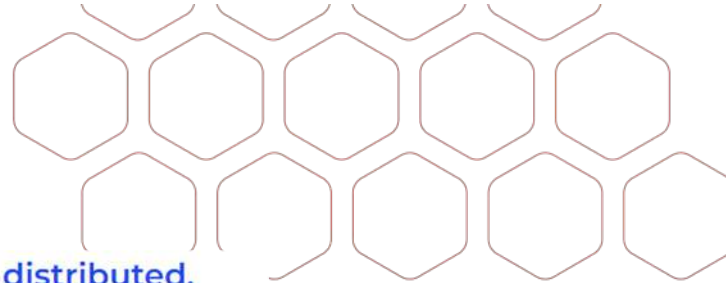
20th of November, 2024 - 19th of February, 2025

Information available at:

<https://eurobin-network.fundingbox.com/>



A network of excellence for distributed,
trustworthy, efficient and scalable AI at the
Edge



Funding:

dAIEDGE 2nd Open Call. Collaborative Projects.

To select up to 10 beneficiaries with a total financial support of €600.000 (up to €60.000 per beneficiary).



Supported activities:

To solve the Industrial Challenges defined by the dAIEDGE Consortium, with the possibility of using resources from the dAIEDGE Virtual Lab or adding new resources to it or to re-use developments of the dAIEDGE project or dAIEDGE use-cases



What kind of support will be offered?

The beneficiaries will receive mentoring from dAIEDGE experts, supporting them with the projects development and the demonstration of the added value of their solutions.
The duration of the Support Programme up to 7 months.



Type of applicants:

dAIEDGE Collaborative Projects Open Call looks for legal entities, applying individually or as a consortium of up to 2 entities.
The eligible entities are: RTOs, Academia and SMEs (including Startups).



Deadline:

Opens: 10th January 2025
Closes: 11th March 2025 at 15.00 Brussels Time



Information available at:

<https://daiedge-2oc.fundingbox.com/>



All-in One Middleware and Tools
for **Human-centric** **Industrial Robots**

1st ARISE Open Call



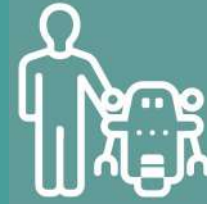


Our objectives



1. Open Robotics Middleware

Empowering European industry with a robust-real-time enabled open-source middleware.



2. Trustworthy HRI Framework

Developing the human-centric framework and methodology for trustworthy industrial HRI.



3. Best-in-Class HRI Use Cases

Deploying and maintaining Testing and Experimentation Facilities, providing best practice examples.



4. Flagship FSTP Experiments

Engaging with European supplier SMEs, start-ups and end-users to support adaptation and refine.



5. Open HRI Toolbox

Providing an open library of reliable open-source based AI modules with off-the-shelf AI skills for industrial HRI.



6. Long-Lasting Ecosystem

Providing a sustainable European reference ecosystem supporting open innovation in industrial robotics.



ARISE Middleware

FIWARE

ROS 2

ROS4HRI



Open-source
Middleware



Vulcanexus
The All-in-One ROS 2
tool set!

Vulcanexus is an open source software stack for the easy and personalized development of robotic applications with selected components and tools.

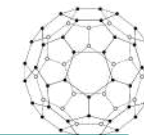


ROS for Human-Robot Interaction

ROS for Human-Robot Interaction (or ROS4HRI) is an umbrella for all the ROS packages, conventions and tools that help developing interactive robots with ROS.



Library of
AI HRI Modules



ALGEBRAIC AI

ARISE Middleware

Implementation

Requirements

TEFs



PAL

POLITECNICO
MILANO 1863

CARTIF

Test. & Exper.
Facility

Testing and
experimentation

FundingBox

FSTP
experiments

Challenges
and Inspiring examples

Interviews
& visits



DEMOS
HELSINKI

Ethics and SSH
Framework



INTELLIMECH[®]
COORDINATED FOR R&D COOPERATION

FundingBox

Support and
Mentoring



ARISE

All-in-one middleware for industrial human-robotic-
interaction



Co-funded by
the European Union

arise-middleware.eu



21



1st ARISE Open Call



Started: October 14, 2024



Ends: January 16, 2025



<https://arise.fundingbox.com/>



Who can apply?

We are looking for **teams** composed of a maximum of **2 entities** and led by an **SME**.

The composition for eligible teams can be:

- 1) **Technology providers** for the development of an HRI enabled industrial robotics solution:
SMEs (including Startups)/Mid-Caps
- 2) **End-users** proposing the use-case scenario and setting specific Human Robot Interaction (HRI) requirements:
 - If the technology provider is an **SME**, the end-user can be either the same SME or another entity of any type (including RTOs and Universities).
 - If the technology provider is not an **SME**, the end-user has to be an **SME**.

Please note that it is possible for a team to consist of **a single applicant SME** fulfilling both **the roles of Technology Provider** and **End-user**.

What are the benefits?



- 2 Open Calls to be launched within ARISE
- Up to **13** beneficiaries to be selected per OC
- Participating in a **12-month** Support Mentoring Programme
- up to **EUR 200,000** per project



Eligibility criteria

We will check the eligibility of all proposals submitted before the deadline on **January 16th, 2025 at 17:00 Brussels Time** via our online application form at <https://arise.fundingbox.com/>

The entities have to be established in any of the:

- The Member States of the European Union and its Overseas Countries and Territories (OCT)
- Associated Countries (AC) to Horizon Europe

1. Dismantling and assembly of high-value products
2. Complex Product Picking in industrial warehouses
3. Flexible Collaborative robots
4. Smart Programming
5. Enhanced robot functionality through multimodal HRI interactions
6. Fetch & carry tasks in healthcare environments
7. HRI for improving the efficiency of workers in high precision flexible tasks
8. HRI for improving ergonomics in high-precision tasks



1st ARISE Open Call – microsite

ARISE

Guides&Documents

HelpDesk



1st ARISE Open Call

Open-Source, real-time middleware
for Human Robotic Interaction for Industry

APPLY NOW





1st ARISE Open Call – Find out more

Guide for Applicants

An essential guide and a must-read when applying to the Open Call. It includes a detailed description of the scope of ARISE, the eligibility criteria to be selected, and how the evaluation process is run.

Guide for Applicants

Technical Guidelines

A technical description of all the challenges, along with illustrative examples of the desired outcomes.

Technical Guidelines

Budget

The budget estimation provides a comprehensive projection of the financial resources required for a specified project.

Budget template

Work plan - GANTT

The workplan of the experiment should be clearly described and fully aligned with the ARISE objectives, including Work packages, and tasks.

GANTT

Application form template

The template of the Application form in word file.
(Please keep in mind that this is only a preliminary working file)

Application form

Sub-Grant Agreement

Initial DRAFT of the sub-grant Agreement that will be signed between the ARISE consortium and the selected beneficiary consortia. It outlines the details of both parties' engagement with ARISE project like funding support, the terms related to payments and other obligations of both parties.

SGA Template for 1st Funding Instrument

<https://arise.fundingbox.com/pages/documents>



1st ARISE Open Call

ARISE 

Guide for Applicants
1st ARISE Open Call

Table of Content

1. Basic Info about ARISE	4
2. What do we offer?	6
3. Eligibility Criteria	7
3.1 Who are we looking for?	7
3.2 What types of activities can be funded?	9
3.3 Ground rules	9
4. How will we evaluate your proposal?	11
4.1 First Check	12
4.2 In/Out Scope Screening	12
4.3 Independent Individual Evaluation	12
4.4 Consensus Meeting	16
4.5 Jury Day	17
4.6 Formal Check, Sub-grant Agreement Preparation and Signature	17
5. Our Support Programme and Payment Arrangements	19
Payment arrangements	19
Milestones Review	20
6. Contact us	21
Complaints	21
7. Last but not least – final provisions	22
8. Extra hints before you submit your proposal	23
ANNEX 1: List of validated End-Users	24
ANNEX 2: List of validated Technology Providers	25



This application was successfully submitted

You can still edit this application as many times as you need

Status: Submitted
Started 22 days ago by @pat.kul
Edited 18 days ago by @pat.kul

[Show history](#)

[+ Add a contributor](#)

★	✓	Basic Information*	Edit
★	✓	Legal Information*	Edit
★	✓	Challenge*	Edit
★	✓	Excellence*	Edit
★	✓	Impact*	Edit
★	✓	Implementation*	Edit
7		Statistical section	Fill
★	✓	Declaration of Honour*	Edit
★	✓	Processing of personal data*	Edit



Basic Information

Welcome to ARISE Open Call!

The Deadline for this Open Call is the January 16th 2025 17:00 Brussels Time.

Only proposals in English will be admitted.

We strongly recommend you carefully read the "Guide for Applicants" and "Industrial HRI Challenges" before filling in the Form.

Warning: Remember that you can EDIT your application after you submit it before the deadline, as many times as you wish. Do not wait for the submission until a very late moment!

If you have more than one application in progress in www.fundingbox.com for the same Project idea, we kindly request you to consolidate your data in a single application and delete those extra applications to facilitate application monitoring.

Finally, be aware that all information provided will be verified during the evaluation process.

Questions marked with (*) are mandatory

Project Title *

Your project will be identified by this name (max. 50 characters)

Project Acronym *

Please enter the short acronym of the Project Title (max. 30 characters).

Select Challenge that you are applying to: *

- ☐ 1. Dismantling and assembly of high-value products
- ☐ 2. Complex Product Picking in industrial warehouses
- ☐ 3. Flexible Collaborative robots
- ☐ 4. Smart Programming
- ☐ 5. Enhanced robot functionality through multimodal HRI interactions
- ☐ 6. Fetch & carry tasks in healthcare environments
- ☐ 7. HRI for improved efficiency of workers in high-precision flexible tasks
- ☐ 8. HRI for improving ergonomics in high-precision tasks

Brief General Description *

Website URL. Optional (no need to have a site).

Contact Person name *

Please enter your complete name (first name and last name).

Contact person email address *

Please enter only one email address in format: mail@mail.com. This will be the email address to which we will send the communications related to the Open Call.

Contact person phone number *

Please enter the phone number including a country code, in a format +XX XXX XXX

Position(s) of the person(s) indicated above *

Are you linked financially or personally with any of the ARISE Consortium Partners? *

- ☐ Yes
- ☐ No



Co-funded by
the European Union

arise-middleware.eu



31



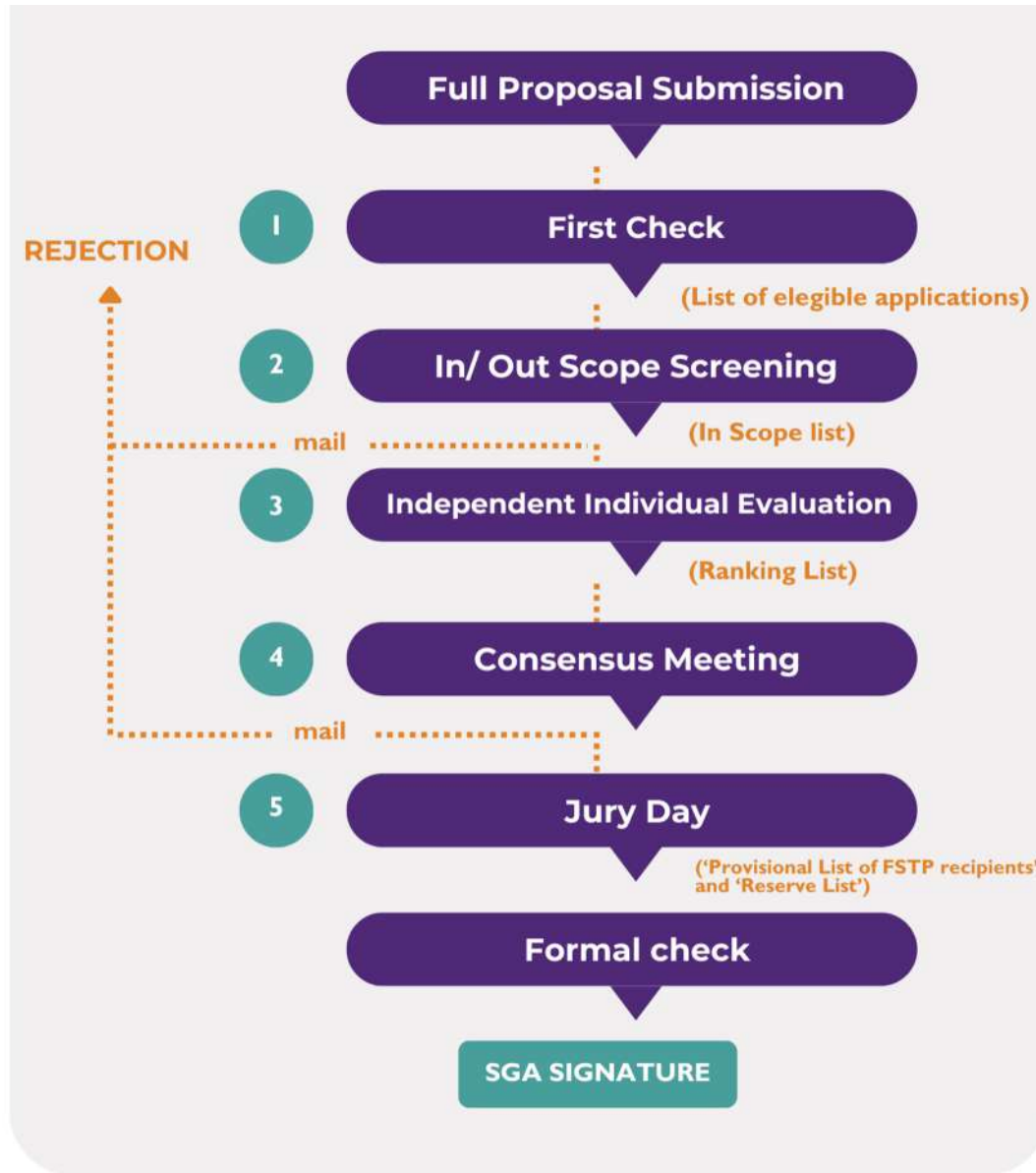
Budget estimation

The budget estimation to be fulfilled -using the Excel template provided in the “Guides & Documents” tab of the Open Call microsite- and uploaded to the application form include, in accordance to the [Horizon Europe - Marie Skłodowska-Curie actions \(MSCA\) Programme](#) the following category:

- **Personnel costs:** depending on the position, role, dedication and gross monthly salaries of personnel involved.
- **Mobility:** it refers to travel and subsistence expenses needed for the implementation of the experiment.
- **Other categories** not being taking part of core of the experiment, such as :
 - ☐ **Purchases of Equipment or Other Goods and Services.**
 - ☐ **SUBCONTRACTING (max. 30%)**
- 25% for overheads for all the above items (except for Subcontracting), as it is the standard flat rate in the Horizon Europe program in general.



Evaluation process





1st ARISE Open Call – List of validated End-Users and Tech Providers

ARISE 

Guide for Applicants

ANNEX 1: List of validated End-Users

Name of the company	Country	Declared type of the company (SME, Startup, RTO, other)	Challenge that they are focused on	Contact person (name, e-mail)	Company's website

ARISE 

Guide for Applicants

ANNEX 2: List of validated Technology Providers

Name of the company	Country	Declared type of the company (SME, Startup, Mid-Cap, Non-profit)	Challenge that they are focused on	Contact person (name, e-mail)	Company's website

ARISE 

**All-in-one middleware for industrial human-robotic-
interaction**



1st ARISE Open Call – Support programme

The lump sum is a simplified method to settle expenses in projects funded by Horizon Europe.
You will not be required to present strictly defined accounting documents (e.g. invoices) to prove the costs incurred.
Applicants have to demonstrate that the project implementation is in line with the set milestones (i.e. KPIs/Deliverables).

Payment Milestones	Deliverable	Payment Milestone	% Total Grant	Max funding
Stage 1. Individual Mentoring Plan	D1. Individual Mentoring Plan	M1	5%	up to 10,000 €
Stage 2. Proof of Concept	D2.1 Proof of Concept proposal	M3	10%	up to 20,000 €
	D2.2 Demonstrators and MVPs of reusable HRI modules	M5	20%	up to 40,000 €
Stage 3. Deployment and Experimentation	D3 Demonstration of HRI-enabled solutions at WORK	M10	50%	up to 100,000 €
Stage 4. Launch sharable HRI modules	D4. Publication of shareable HRI modules	M12	15%	up to 30,000 €
Total		12 months	100%	up to 200,000 €



**1st ARISE Open Call – upcoming
webinar**

2 December 2024, 10:00 CET.

Save the date!



Any questions?



Co-funded by
the European Union

Thank you!

Good luck!



Co-funded by
the European Union