



**SELSUSTAINED CROSS-BORDER CUSTOMIZED
CYBERPHYSICAL SYSTEM EXPERIMENTS
FOR CAPACITY BUILDING AMONG EUROPEAN
STAKEHOLDERS**

3rd CTTE Open Call FundingBox

**Antonio Montalvo
Lynda O'Mahony**

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of the European Union

www.smart4all-project.eu
Grant Agreement: 872614

Outlines

- SMART4ALL Goals
- SMART4ALL Verticals
- Who can apply
- How to apply
- Selection Process overview
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- Q&A

What are SMART4ALL goals?

To build **cross-border experiments** that **transfer knowledge and technology** between **academia and industry** in **Customised Low-Energy Computing (CLEC)** for **Cyber-Physical Systems (CPS)** and the **Internet of Things (IoT)**

To **accelerate digital transformation** and **increase digital skills** in **underrepresented geographical areas** –especially **SEE**– in the **4 SMART4ALL verticals**

SMART4ALL Verticals

- **SMART4ALL** is focused on **Customised Low-Energy Computing (CLEC)** for **Cyber-Physical Systems (CPS)** and the **Internet of Things (IoT)** in the following domains:

SMART4ALL VERTICALS				
SMARTALL COMPETENCE FIELDS	DIGITIZED TRANSPORT	DIGITIZED ENVIRONMENT	DIGITIZED AGRICULTURE	DIGITIZED ANYTHING
		<ul style="list-style-type: none"> • Green transport • Smart mobility • Shared mobility • Robotics • New platforms for efficient supply-demand matchmaking • Automotive electronics • Autonomous vehicles • Connected vehicles • Streamlining transport using big data • Aeronautics and space applications • Transport and Logistics • City Transport Mapping 	<ul style="list-style-type: none"> • Smart building • Water pollution monitoring • Smart grids • Environment monitoring • Bio-diversity • Smart industry • Data processing & data visualization 	<ul style="list-style-type: none"> • Smart farming • AI inspired agriculture • Information based site specific applications • Demand driven, sustainable agriculture • Mobile plant, soil and environment sensors • Sensor networks – EU wide – cross-border • Field robotics and automation systems • UAV based agriculture and plant monitoring • Selective plant protection • Closed nutrient cycles • Agricultural decision support systems • Zero-energy food systems • Circular economy • Water, Energy and Food (WEF) efficiency • Revalorization of agricultural waste

Current Open Calls

CTTE – Cross-Domain Technology Transfer Experiments

One Academic/Industrial **Technology Provider** transfers a novel technology to one Industrial **Technology Receiving** partner as an early-adopter and then one Industrial **productization** partner extends the value chain.

- **Duration: 9 months**
- **Funding: up to 80.000,00 €**

OPENED on 21th October 2022

CLOSES on 17th January 2023 at 17:00 CET

Who can apply to CTTE?

ACADEMIC



Universities and other Academic Institutions

INDUSTRIAL



SME and Slightly Bigger Companies (< 500 employees & < EUR 100M turnover)

Must be a **consortium of 3 entities** and led by the **Industrial** partner

Must be **cross-border** from **2 different eligible** countries

Consortia must have at least **one partner from the SEE region** (South Eastern Europe) **or Ukraine**. Except Greece*

*Greece is not longer a prioritized SEE country

Who can apply?

3rd CTTE OC

Entity 1 TECHNOLOGY PROVIDER	Entity 2 TECHNOLOGY RECEIVER	Entity 3 PRODUCTIZER
Universities or other Academic Institutions	Industrial (SME and slightly bigger company)	Industrial (SME and slightly bigger company)
Industrial (SME and slightly bigger company)		

- **Eligible countries:**

- EU member states
- H2020 Associated countries
- Other SEE countries
- United Kingdom

CTTE Specifics

The technology Transfer must be:

- A new product or extra features added to an existing product, always linked to IoT and Low-Energy Consumption (CLEC) systems, namely:
 - a reduction in power or energy consumption in % per device.
 - the power reduction can enable new features, new applications, or open new market verticals.
- Engineering/manufacturing processes improved.
- Cost savings in product engineering/manufacturing.

Examples

- 1) A compression algorithm with adequate adaptation/enhancement is used in wireless communication for medical purposes.**
- 2) A hardware accelerator is integrated and used in surveillance or medical or ambient assisted living environments purposes.**

Previous winners can be found on the SMART4ALL Project Website
<https://smart4all-project.eu/>

How to Apply?

Go to: <https://app.getonepass.eu/signin>

OnePass – create an account

OnePass

Sign up for a OnePass Account


OR

I want to subscribe to the OnePass newsletter

Your OnePass Account information is used to allow you to sign in securely and access your data. Click "Sign up" above to accept our [Privacy Policy and Terms of Service](#)

Already have a OnePass Account? [Sign in](#)


Do you need help? [Contact our support team](#)



Easy-peasy funding

Discover a faster and seamless way to apply for tech funding opportunities. No more filling in your data over and over again. OnePass will help you apply to open call in minutes, not in hours. We promise.

Step 1 of 2 of the onboarding wizard – your profile




Your Profile Your Organization

First name * Last name *

John Doe

Profile picture




Headline

CEO of Tech Startup

Bio


Tell us a bit more about yourself. Include current and past successes, how you've overcome failures, which projects and companies you've worked for, etc.



Stand out from the crowd

A well crafted headline and bio will help you and your application stand out.

Step 2 of 2 of the onboarding wizard – your organization profile



Your Profile Your Organization

Organization name *
AI Tech

Contact email *
john.doe@aitech.com

Website
www.test.com

Country *
Spain


Industries
Artificial Intelligence x Internet of Things x

Have you incorporated a legal entity? *
Yes


Company type *
SME

Legal formation *
SSL

What funding opportunities are you interested in?
 Public Funding Private Funding

Your logo


Finish



Tell us a little about your organization

Search for it or create a new profile. You can reuse this information when applying to different opportunities so you'll just complete it once now.

End of onboarding wizard – Go to funding opportunities



Ready to rock!

Congratulations, you've created your OnePass. What now?
Complete your funding profile to raise your chances of success
or browse our available funding opportunities.

Go to funding opportunities

Complete my Fundraising profile

Go directly to the funding opportunities to complete the CTTE application form

🔍 Search for Opportunities


Type

- equity-free ③
- private-funds ①

Status

- Closed ②
- Published ②

Reset filters


 **SMART4ALL CTTE**

3rd Open Call for Cross-domain Technology Transfer Experiments (CTTE)

Internet of Things CLEC CPS
Cyber-physical system IoT

Type: Public/Equity-free Funding
Apply before: 17/01/2023

[Details](#)

 **SMART4ALL - 3rd FTTE**

Final Open Call for Focus Technology Transfer Experiments

Internet of Things Cyber-physical system
Customized Low energy computing (CLEC)

Type: Public/Equity-free Funding
Apply before: 17/10/2022

[Details](#)

 **SMART4ALL - 3rd KTE**

 **Accelerace Invest II**





SMART4ALL - 3rd FTTE

Final Open Call for Focus Technology Transfer Experiments

[Apply before 10/30/2023 14:00 pm CEST](#)

Overview

SMART4ALL is a FPO20 funded project (Grant Agreement No. 872614) that builds capacity amongst European stakeholders via the development of self-sustained, cross border experiments that transfer knowledge and technology between academia and industry. It targets Customised Low Energy Computing (CLEC) for Cyber-Physical Systems (CPS) and the Internet of Things (IoT) and combines a set of unique characteristics that join together under a common vision: different cultures, different policies, different geographical areas and different application domains.

The SMART4ALL consortium is led by the University of Peloponnese (Greece) and is composed of 25 partners from Central, South and Eastern Europe.

Opportunity description

FTTEs are short term (9 months) cross border experiments between two different entities (Industrial or academic) from two different eligible countries. The projects will focus on one of the four following defined verticals and will give the opportunity to form synergies, accelerate product release projects and offer guidance towards successful commercialisation.

Digitised Transport

Digitised Environment

Digitised Agriculture

Digitised Anything

One partner (Industrial or academic) from one eligible country transfers a particular novel hardware or software technology in the domain of Customised Low Energy Computing (CLEC) for Cyber Physical Systems (CPS) and the Internet of Things (IoT) to a receiving industry partner (SME or Slightly Bigger Company) from a different eligible country. (see the section Guides & Documents).

Requirements

Who can Apply?

The SMART4ALL cross border Experiments have to be proposed by a Consortium including the following type of applicants:

Universities and other Academic Institutions, SME and Slightly Bigger Companies, as defined in the EU recommendation 2003/361. Slightly Bigger Companies are defined respectively as organisations with a staff headcount below 500 employees and a turnover below €500M. System Integrators and/or Technology Providers, i.e. any type of organisation specialised in technology transfer or system integration, serving the needs of end-users, provided they can be categorised in one of the two previous types of beneficiaries. Proposals can be submitted by any of the aforementioned type of entities, but the participation of, at least, one SME/Slightly Bigger Company is compulsory and should be the lead of the cross border experiment.

Priority-based Countries

Additionally, since one of the goals of SMART4ALL is to support the digital transformation in mainly European countries underrepresented in European funding schemes, by means of cross border experiments, consortia including at least one member from one of the SEE countries (except Greece) or Ukraine will be prioritised.

Albania Moldova Montenegro North Macedonia Romania Slovakia Slovenia

Serbia Bosnia and Herzegovina Bulgaria Croatia Hungary Kosovo Ukraine

Financial support

The FTTE partners will apply for financial support by submitting one joint proposal describing the FTTE and its technical plan and a detailed estimation of the FTTE-related costs.

Financial support per FTTE

The FTTE experiments will be supported with a lump sum of up to EUR 80,000 each to cover staff, travel and equipment needed for implementing the experiment. Financial support per FTTE partner can receive a maximum financial support of EUR 60,000.

Documents

- [Guide for Applicants](#)
- [Frequently Asked Questions](#)
- [Budget Template file \(For Implementation Section\)](#)
- [Declaration of Honour](#)
- [Information Clause](#)

Sounds like a match?

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Opportunity type

Equity-free

Industries

Internet Of Things Cyber Physical System

Customised Low Energy Computing (CLEC)

[Apply before 10/30/2023 14:00 pm CEST](#)

[Already applied?](#)

[Share](#) [Print](#)

Apply

Current status: Draft
Last updated: a few seconds ago

Partner #1: LEAD

Legal name of the Organization *

Provide the full legal name.

Type of entity *

SME

Slightly bigger company

Number of employees *

VAT number (if applicable)

Country *

City

Region

Postal code

Street name and number

Role in the experiment *

Technology Provider

Technology Receiver

[Save changes](#)

- Partner #1: LEAD
- Partner #2: PARTNER
- FTTE Key Data
- Excellence
- Impact
- Implementation
- Ethical Issues, Data Protection And Privacy
- Survey
- Declaration Of Honour

Complete all the form sections in order to submit your application

Having troubles? Contact us

You don't want to apply anymore?

[Remove this application](#)

Important Documents

Complete all fields in the application form

Current status: Draft
Last updated: a few seconds ago

- Partner #1: LEAD
- Partner #2: PARTNER
- FTTE Key Data
- Excellence
- Impact
- Implementation
- Ethical Issues, Data Protection And Privacy
- Survey
- Declaration Of Honour

Your application is ready to be submitted:

[Continue](#)

Having troubles? [Contact us](#)

You don't want to apply anymore?

[Remove this application](#)

Survey

How did you hear about SMART4ALL ?

- Social Media
- Email campaign
- SMART4ALL Website
- Partner's network
- Other

How did you find each other to implement your FTTE jointly?

- Knew each other beforehand
- Dedicated partner search
- SMART4ALL Matchmaking tool
- Other

How many female members approximately will be actively involved in the FTTE

How many male members approximately will be actively involved in the FTTE

[Save changes](#)

Sign and submit

You're applying to:

AI Tech


SMART4ALL - 3rd FTTE
Final Open Call for Focus Technology Transfer Experiments
Deadline in 14 days

Current status: Draft
Last updated: a minute ago

Your application is ready to be submitted.

Add your signature to complete the submission

Draw it in

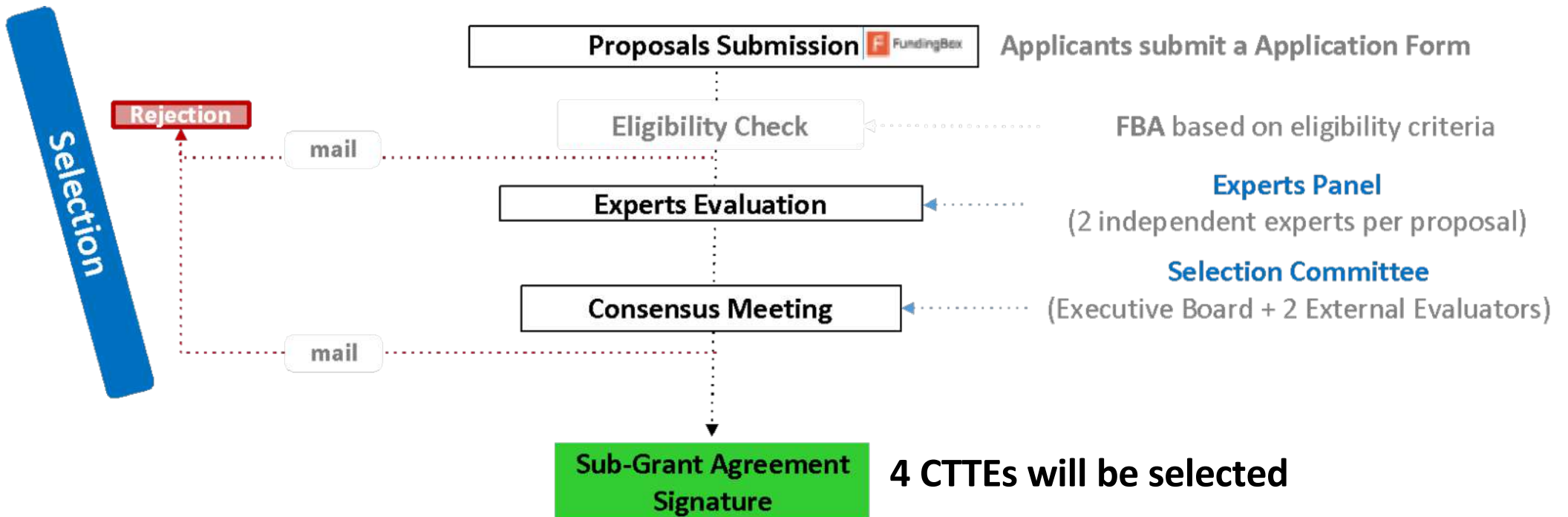


[Submit](#)

[Back to the form](#)

Having troubles? [Contact us](#)

Selection Process Overview



Evaluation Criteria – CTTE

Criteria	Description
Excellence	Ambition: to what extent the proposed experiment is beyond the State-of-the-Art and what is the innovative approach behind it (e.g. ground-breaking objectives, novel concepts and approaches, new products, etc.)
	Innovation: level of innovation within their market and degree of differentiation that the experiment will bring.
	Soundness of the approach: objectives of the proposed experiment to be clearly defined, relevant and aligned with the SMART4ALL project objectives, verticals and competence fields. Elevation of TRL clearly justified.
Impact	Benefits of the collaboration, in terms of technical and/or business/market expectations, and to what extent this particular collaboration will lead to a successful experiment and high economic impact.
	Market opportunity: demonstrate whether the new/improved product has market potential, e.g. because it solves a problem for a specific target customer.
	Competition analysis for the experiment product/service and if the proposal is disruptive and breaks the market.
	Commercial Strategy and Scalability: How the experiment is scalable and able to be commercialised to solve a structural problem in a specific sector/process/etc., using convincing business model and projections.
	How the proposal has an impact in the lives of sensitive social groups . I.e. Improving or supporting the lives of people who belong in sensitive social groups.

Evaluation Criteria continued

Criteria	Description
Implementation	Work plan: clearly described and fully aligned with the objectives, including Work packages, tasks and responsible partners. The time plan should be realistic and achievable, coherent and effective.
	Contribution to SMART4ALL marketplace: All SMART4ALL funded PAEs are required to contribute at least one artefact to the project Marketplace (https://marketplace.smart4allproject.eu/).
	Team: Management and leadership qualities; balanced and cross-functional.
	Resources: Quality and effectiveness of the resources assigned in order to get the objectives/deliverables proposed. Define the cost incurred (if any) in uploading an artefact as a contribution to the SMART4ALL marketplace.

Scoring and Prioritised countries

- Each criterion will be scored from 0 to 5. The **threshold for individual criterion will be 3**. The **overall threshold**, applied to the sum of the average of three individual scores of the 2 evaluators, **will be 10**.
- Consortia have to include at least 1 member from the **SEE region (except Greece) or from Ukraine**.
- They will be given **1 extra point** per member of the SEE region or Ukraine to the overall score. (Does not include Greece).
- If the consortium is led by a partner from Ukraine, **1 extra point** will be added to the overall score.
- Maximum extra points is 4.

List of SEE countries

Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Hungary, Kosovo, Moldova, Montenegro, North Macedonia, Romania, Slovakia, Slovenia and Serbia

Financial Support

Financial Support	CTTE
Per PAE	up to EUR 80,000
Per partner	up to EUR 60,000

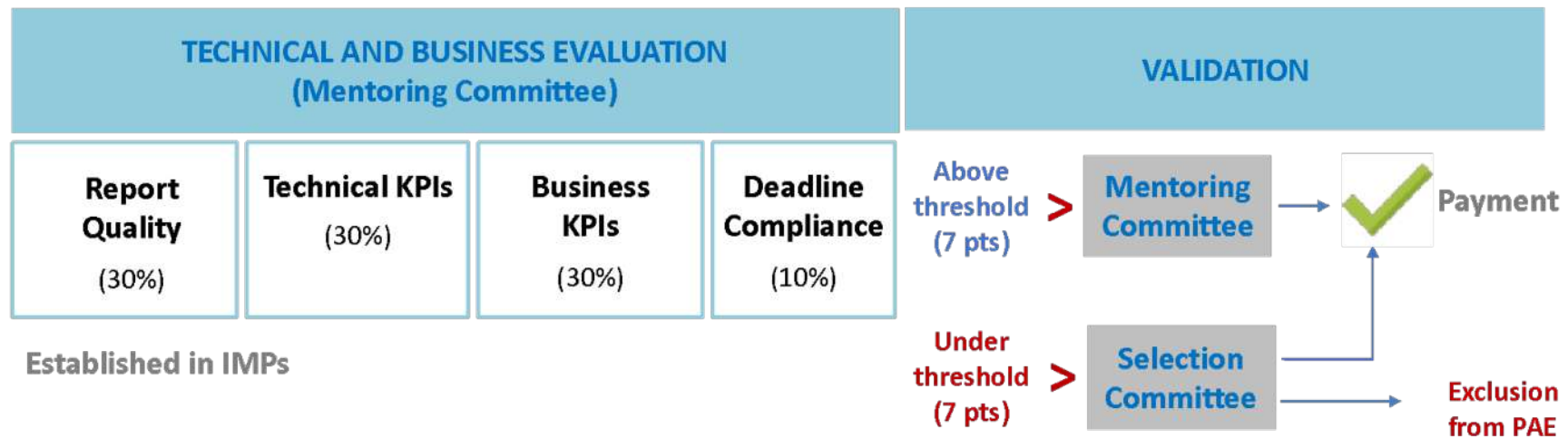
Note: Financial Support will be paid as a lump sum to the each partner individually.

Note: Any partner can receive a maximum of EUR 60,000 if they haven't received money from any other SAE/L4MS. The combined amount cannot exceed EUR 100,000

Payment Arrangements – CTTE

Deliverable	Submission date	Lump sum Instalments
Individual mentoring plan	15 Days After the signature of SGA	30%
Mid-term Report	End of Month 5	50%
Final Report	End of Month 9	20%

Interim & Final Review Milestones



Open Calls Schedule

Description	CTTE
Open Call Launch	21 October 2022
Open Call Deadline	17 January 2023 at 17:00 CET
Open Call Evaluation and Selection	January 2023
Consensus Meeting	February 2023
Communication of Results	February 2023
Start of the Experiment	Beginning of March 2023
End of Experiment	End of November 2023

Help and support

How to apply?

- CTTE: <https://app.getonepass.eu/opportunities/smart4all-ctte>
- Find our **Guides & Documents** here:
<https://app.getonepass.eu/opportunities/smart4all-ctte>

Helpdesks

- SMART4ALL online community helpdesk:
<https://spaces.fundingbox.com/spaces/smart4all-helpdesk>
- SMART4ALL project website helpdesk: <https://helpdesk.smart4all-project.eu>

Q&A Session

Questions from you..