



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

SMART4ALL 3rd FTTE Open Call

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Co-funded by the Horizon 2020 programme
of the European Union

DT-ICT-01-2019
Smart Anything Everywhere Area 2

www.smart4all-project.eu
Grant Agreement: 872614

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

Open Calls – Value Proposition

- **9 open calls**

- (i) supporting **67 cross-border pathfinder application experiments (PAE)**.

- (ii) 1 KTE, 2KTE, 3KTE, 1 FTTE, 2, FTTE, 1 CTTE and 2CTTE in the years 2020, 2021 and 2022. (*remaining 3FTTE, 3 CTTE*).

- **EU Funding** up to **EUR 80,000** equity-free per PAE.

- **Support and coaching** from **experts** in technology, business development, public and private funding, and ethics.

- **Marketplace-as-a-Service**, AI based services and tools:

- (i) practical **technical tools/services** to accelerate design, development, prototyping and manufacturing phases.

- (ii) brokerage, coaching and guidance to **access funds** for market growth and development.

What are the current/upcoming Open Calls?

FTTE - Focused Technology Transfer Experiments

One Academic/Industrial **Technology Provider** transfers to an Industrial **Technology Receiver** a specific Hardware or Software technology in order to enable an improvement in product or processes.

- **Duration: 9 months**

Currently OPEN until 15 October

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

Will open on 21 October 2022 until 19 January 2023

3rd FTTE SMART4ALL Open Call

FTTE - Focused Technology Transfer Experiments

One Academic/Industrial **Technology Provider** transfers to an Industrial **Technology Receiver** a specific Hardware or Software technology in order to enable an improvement in product or processes.

- **Project Duration: 9 months**

Opening on 15 July 2022 until 15 October 2022

This is the 3rd and final FTTE Open Call

Ideal project

EXAMPLE 1: A low resource-demanding compression algorithm is developed by an SME using a novel technology provided by a university from another country, used in applications having a significant impact in social sensitive groups (output of the PAE is the algorithm)

EXAMPLE 2: A hardware accelerator for image processing is developed by an SME using a disruptive technology provided by another SME from another country, helping solve the interpretation of some coronavirus variants detection (output of the PAE is the HW design).

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

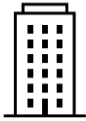
Who can apply?

ACADEMIC



Universities and other **Academic Institutions**

INDUSTRIAL



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

Must be a **consortium of 2 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)

Consortium and Prioritized Countries

- Consortia need to include at least 1 member from the **SEE region 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 3.

List of Prioritised countries

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

Financial Support

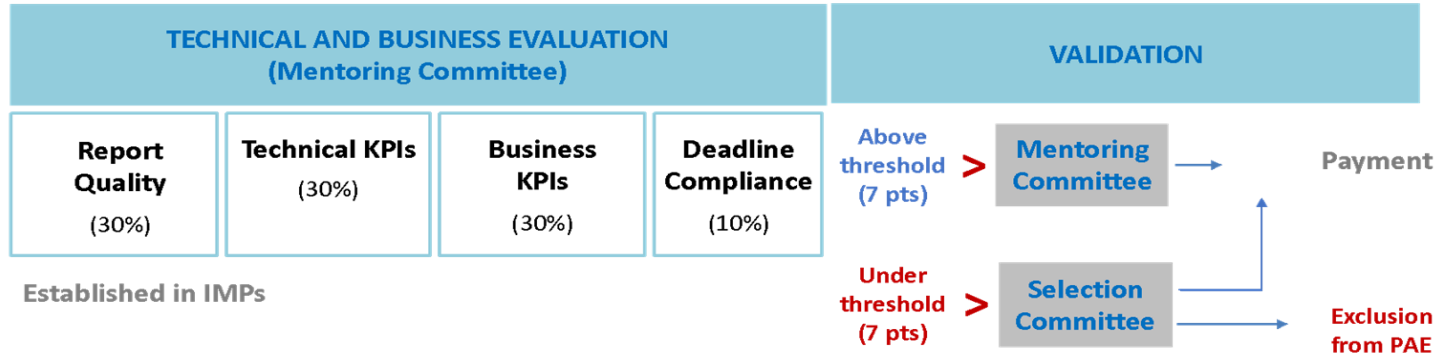
Financial Support	FTTE
Per PAE	up to EUR 80,000
Per partner	up to EUR 60,000

Note: Any partner can receive a maximum of EUR 60,000 if they have not received money from any other SAE/I4MS projects. The combined amount cannot exceed EUR 100,000

Payment Arrangements - FTTE

Deliverable	Submission date	Lump sum Instalments
Initial Plan	SGA Signature + 15 days	30%
Intermediate Report	End of M05	50%
Final Report	End of M09	20%

Interim & Final Review Milestones



Open Calls Schedule

Description	FTTE
Open Call Launch	15 July 2022 at 00:00 CEST
Open Call Deadline	15 October 2022 at 17:00 CEST
Open Call Evaluation and Selection	October/November 2022
Consensus Meeting	November 2022
Communication of Results	November/December 2022
Start of the Experiment	January 2023 (for 9 months)

Application Submission

How to apply?

<https://smart4all.fundingbox.com>

Find our **Guides & Documents** here: <https://smart4all.fundingbox.com>

If you cannot find the answer you need in the **FAQ**, you can submit your question(s) through [Q&A Space](#) at SMART4ALL online community **Helpdesk**: <https://spaces.fundingbox.com/spaces/smart4all-helpdesk> or email: helpdesk@smart4all-project.eu

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First name

Last name

Username

Password



I want to receive updates by email about funding opportunities and events

Thank you

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Reach me at
<https://spaces.fundingbox.com/@inesdinten>

Questions from you..