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

Research Innovation Action

Project Number: 872614   Start Date of Project: 01/01/2020   Duration: 48 months

DELIVERABLE 6.6

Open Call Package of Documents 6

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Abstract

The deliverable is the Open Call Package Documents, necessary to execute SMART4ALL Open Calls in WP6. The package includes 4 documents: Call Announcement (CA), Guide for Applicants (GfA), Frequently Asked Questions (FAQs) and the Application form. As the Guide for Evaluators (GfE) is a confidential document, hence it is not included in the package.

The documents present the framework reference for Application Experiments collection, including detailed information for applying parties. All documents in the package (except the Guide for Evaluators) are public and will be published on the SMART4ALL Open Call webpage.

History and Contributors

Ver	Date	Description	Contributors
00	15/09/2021	Document structure and Preparation	FundingBox
01	20/09/2021	Final preparations and submission.	UoP

Abbreviations and Acronyms

CA	Call Announcement
GfA	Guide for Applicants
FAQs	Frequently Asked Questions
GfE	Guide for Evaluators
EU	European Union
CLEC	Customised Low-Energy Computing
CPS	Cyber-Physical Systems
IoT	Internet of Things
SAE	Smart Anything Everywhere
PAEs	Pathfinder Application Experiments
KTE	Knowledge Transfer Experiment
FTTE	Focused Technology Transfer Experiment
CTTE	Cross-domain Technology Transfer Experiments
DIH	Digital Innovation Hub
MaaS	Marketplace-as-a-Service
SME	Small & Medium Enterprises
ESR	Early-Stage Researcher
ER	Experienced Researcher
EUR	Euro
FSTP	Financial Support to Third Parties
I4MS	ICT Innovation for Manufacturing SMEs
SEE	South Eastern Europe
BTU	Brandenburg University of Technology Cottbus-Senftenberg
IPR	Intellectual Property Rights
EC	European Commission
GDPR	General Data Protection Regulation

CONTENTS

Executive Summary

The deliverable provides necessary documents for the successful execution of SMART4ALL Open Calls. The documents are included as Annexes in this file, following the order:

- **Annex 1.** Call Announcement (CA) – an overview on Open Calls' structure, eligibility criteria, summary of the evaluation process and support to applicants. This is a reference document for the European Commission that can be used to disseminate the call on proper websites (i.e. Participant Portal of the European Commission, industry-specific publications, etc.)

- **Annex 2**. Guide for Applicants (GfA) – a step-by-step guide with detailed information on the application process. The Applicants are presented the call's specific scope, eligibility criteria, expected projects' types, preparation and submission guidelines as well as the communication flow and evaluation process.

- **Annex 3**. Frequently Asked Questions (FAQs) – a list of the most popular questions, available in a form of a repository of knowledge, supporting the Applicants during the application process.

- **Annex 4**. Application Form (AF) – a document presenting all questions and disclaimers the Applicants need to complete online in order to submit their entries for SMART4ALL Open Call for Application Experiments. The information is collected online.

The Guide for Evaluators (GfE) is a confidential document, hence it is not included here. This is an information guide for external experts hired to assess the proposals for Application Experiments (AEs). The file includes detailed information on the scoring process, regulations and scheduling during the evaluation as well as the evaluators' obligations and registration requirements.

ANNEX 1

Call announcement

SMART4ALL Second CTTE Open Call

Project Acronym: SMART4ALL

Grant agreement number: 872614

Project Full name: Self-Sustained Cross-Border Customised Cyber-physical System Experiments for Capacity Building among European Stakeholders

Call identifier: SMART4ALL_CTTE_OC2

Publication Date: 15 October 2021 (00:00 CEST)

Deadline: 17 January 2022 (17:00 CET)

Maximum funding request per consortia application: Up to EUR 80,000 EU Funds.

Submission language: English

Web address for full open call information: https://smart4all.fundingbox.com/

Web address for application submissions: https://smart4all-2nd-ctte.fundingbox.com/

Additional Information

SMART4ALL is a H2020 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), **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 targeted application areas are domains that are not adequately represented in current Smart Anything Everywhere (SAE) projects and include **digitized environment, digitized agriculture, digitized anything and digitized transport**.

A total 67 cross-border **Pathfinder Application Experiments** (PAEs) will be executed by the SMART4ALL consortium members and by **Third-Party consortia** which will be financially supported via 3 open calls of the following 3 types:

1) **Knowledge Transfer Experiments** (KTE), which comprise a novel type of internship experiments allowing smaller projects, or less mature ideas to be presented, tested and thus potentially find the fertile ground to grow and reveal its product potentials;
2) **Focused Technology Transfer Experiments** (FTTEs), focusing on one of the four defined underrepresented areas, will give the opportunity to form synergies, accelerate product orient projects and offer guidance towards successful commercialisation;
3) **Cross-domain Technology Transfer Experiments** (CTTEs), targeting to more complex multidisciplinary transfers and productization of novel CLEC CPS and the IoT technologies to wider markets.

The Second call is a **CTTE Open Call**, in a single stage.

Who can apply?

Consortia composed of **three different entities from at least two different countries** including one Academic/Industrial partner who acts as a Technology Provider and an Industrial partner acting as a

Technology Receiver and one Industrial productization partner to extend the value chain. Please, visit https://smart4all.fundingbox.com/ to find more information of the project.

For this CTTE Open Call, the following countries will be eligible:
● The Member States of the European Union and its Overseas Countries and Territories (OCT) or
● Associated Countries to H2020.
● The United Kingdom

Any other South-East and Central Europe (SEE)[1] country not listed above but included in Annex A of the H2020 Work Programme.

Consortia including **at least one member of the following South-East and Central European countries** will be prioritised: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Hungary, Kosovo, Moldova, Montenegro, North Macedonia, Romania, Slovakia, Slovenia and Serbia.

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[1] SEE countries: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Greece, Hungary, Kosovo, Moldova, Montenegro, North Macedonia, Romania, Slovakia, Slovenia and Serbia.
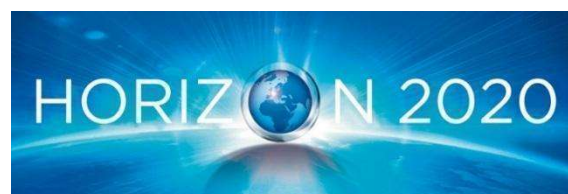
ANNEX 2

Guide for Applicants (GfA)

SMART4ALL Second Open Call

Cross-Domain Technology Transfer Experiments (CTTE)

Application submission starts on: 15 October 2021, 00:00 CEST

Submission deadline is: 17 January 2022, 17:00 CET

HISTORY OF CHANGES

Version	Date	Changes	Page
1.0	07.09.2021	Initial version	

1 BASIC INFO ABOUT SMART4ALL

1.1 Base Definitions

Academic Organisations refers to Universities and other Academic Institutions.

Industrial Organisations refers to **SME and Slightly Bigger Companies** as defined in Section 3.1.

System Integrators/Technology Providers refers to Academic or Industrial Organisations as defined in Section 3.1.

Pathfinder Application Experiments (PAE): Experiments for supporting the enhancement of the digital skills of European citizens. **Knowledge Transfer Experiments** (KTEs), which act as internships/traineeships, apprenticeships and short-term training programmes for unemployed people for vacant digital jobs. **Focused Technology Transfer Experiments** (FTTEs) and **Cross-domain Technology Transfer Experiments** (CTTEs), which are cross-border technology transfer experiments that bring together European companies, social partners, non-profit organizations and education, and intend to bring digital skills to labour force.

Executive Board is the SMART4ALL governance body in charge of the scientific planning and monitoring of the execution of the Project. It is comprised of the SMART4ALL Work Package leaders and the Project coordinators.

Selection Committee is the SMART4ALL governance body that will decide the selected FSTP beneficiaries of the Open Call. It is composed of the Executive Board and 2 External Evaluators (an additional External Evaluator will be added in case of a tie).

Mentoring Committee is the SMART4ALL governance body that will evaluate the selected projects performance across the grant-cycle. It is comprised of the Technical Project Officers, the Innovation Officer, the Business Development Officer, as well as the Technical and Business Mentors.

DIH is a Digital Innovation Hub, i.e. a legal entity which functions as a regional network of research, innovation, business and industry organisations in order to ensure digital progress in the region. Digital Innovation Hubs are one-stop-shops that help companies to become more competitive with regard to their business/production processes, products or services using digital technologies. They are based upon technology infrastructure (Competence Centre - CC) and provide access to the latest knowledge, expertise and technology to support their customers with piloting, testing and experimenting with digital innovations. DIHs also provide business and financing support to implement these innovations, if needed across the value chain. As proximity is considered crucial, they act as a first regional point of contact, a doorway, and strengthen the innovation ecosystem. A DIH is a regional multi-partner cooperation (including organisations like RTOs, universities, industry associations, chambers of commerce, incubator/accelerators, regional development agencies and even governments) and can also have strong linkages with service providers outside of their region supporting companies with access to their services.

1.2 About SMART4ALL

SMART4ALL is a H2020 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.

SMART4ALL brings a new paradigm for revealing "hidden innovation treasures" – mainly from geographical areas that are underrepresented in European funding – and helping them to find the path to market via new, innovative commercial products. As part of its strategy, the project will develop and maintain an active network of DIHs across Central, South and Eastern Europe for supporting academics, SMEs and Slightly Bigger Companies entering the digitisation era.

In order to achieve this, SMART4ALL will design and implement 3 types of cross-border **Pathfinder Application Experiments** (PAEs):

1) **Knowledge Transfer Experiments** (KTE), which comprise a novel type of internship experiments allowing smaller projects, or less mature ideas to be presented, tested and thus potentially find the fertile ground to grow and reveal its product potentials;

2) **Focused Technology Transfer Experiments** (FTTEs), focusing on one of the four defined underrepresented areas, will give the opportunity to form synergies, accelerate product orient projects and offer guidance towards successful commercialisation;

3) **Cross-domain Technology Transfer Experiments** (CTTEs), targeting more complex multidisciplinary transfers and productization of novel CLEC CPS and the IoT technologies to wider markets.

The targeted application areas are domains that are not adequately represented in current Smart Anything Everywhere (SAE) projects and include **digitized environment**, **digitized agriculture**, **digitized anything** and **digitized transport**.

SMART4ALL introduces also the concept of **Marketplace-as-a-Service** (MaaS) that acts as one-stop-smart-stop of SMART4ALL DIH cluster for offering tools, services, platforms based mainly on open sources technologies as well as technology suppliers-adopter matchmaking capabilities customised to the four thematic pillars of the project.

SMART4ALL also plans horizontal activities that will support the **Digital Skills Agenda** of the European Commission and the support of sensitive social groups via ideas and products that have significant impact on their lives. This is especially relevant since the apparition and spread of the COVID-19 crisis; SMART4ALL's Open Calls will aim to address solutions facilitating its management before, during and after the crisis.

This Guide for Applicants describes the SMART4ALL secondOpen Call for **Cross-Domain Technology Transfer Experiments (CTTEs).**

1.3 What is the technology behind SMART4ALL?

SMART4ALL focuses on CLEC, i.e. low-energy computing technologies applied in **four** SMART4ALL verticals with European leadership and strategic importance, including but not limited to the following SMART4ALL competence fields (see table below):

	SMART4ALL VERTICALS			
	DIGITIZED TRANSPORT	**DIGITIZED ENVIRONMENT**	**DIGITIZED AGRICULTURE**	**DIGITIZED ANYTHING**

S M A R T 4 A L L C O M P E T E N C E F I E L D S	• 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
		• Smartbuilding
		  • Smarthome
		  • Critical infrastructure monitoring
		  • Smart hospitals
		• Water pollution monitoring
		• Smartgrids
		  • Energy management
		• Environment monitoring
		  • Rural areas -> Monitoring attractions such as lakes and rivers (both water and wet area).
		  • Urban areas -> indoor and outdoor pollution and noise monitoring.
		• Bio-diversity
		  • Wild/migratory animals monitoring
		• Smart industry
		• Data processing & data visualization:
		  • Processed data are visualized for monitoring by the interested parties (data can be accessed live in the web page of municipality)
		• The data will be used to build models for future prediction.
			• 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
				• Human-machine Interaction
				• Digital Education
				• Industrial Automation
				• Machine Learning
				• Market Intelligence
				• Medical and Health Applications
				• Active & Healthy Ageing
				• Support for disabled persons
				• Cybersecurity
				• Data Mining and Big Data
				• Personal security
				• Additive Manufacturing (3D printing)
				• Augmented and Virtual Reality
				• Audio/Video Processing
				• Location-based Technologies
				• Web and Mobile Applications
				• Wireless Sensor Networks
				• Disaster management
				• Digital heritage
				• Telemedicine
				• Rehabilitation, wellness, fitness
				• E-commerce

1.4 CTTE at a glance

The **Cross-Domain Technology Transfer Experiments** (CTTE) funding instrument, focusing on one of the four defined verticals (Digitized Transport, Digitized Agriculture, Digitized Environment and Digitized Anything), will give the opportunity to form synergies, accelerate product orient projects and offer guidance towards successful commercialisation.

It will be of short-term duration (9 months) and will consist of **cross-border** Pathfinder Application Experiments (PAEs) between 3 different entities from at least two different eligible countries (as per the eligibility criteria stated in section 3.2).

For this CTTE Open Call, 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. The partners shall apply together as a consortium

through a simple application form. The consortium composition can be as follows:

Technology Provider	Technology Receiver	Productizer
Academic, Country 1	Industrial, Country 1 or 2	
Industrial, Country 1	Industrial, Country 1 or 2	Industrial, Country 2, 1 or 3

The **leading partner must always have an Industrial partner status (SME or Slightly Bigger company)**.

Within these types of experiments, one party transfers to the receiving partner a specific Hardware (HW) or Software (SW) novel technology as an early-adopter and one productization partner extends the value chain.

SMART4ALL will organize 3 CTTE open calls, one per year during the first 36 months of the project. All SMART4ALL Open Calls are **single-stage**. There will be 12 FSTP beneficiaries over the course of the project. 4 FSTP beneficiaries were already selected during the first CTTE open call earlier in 2021. More information on the 4 selected winners from the first CTTE open call can be found here.

2 WHAT DO WE OFFER?

2.1 Financial support

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

FSTP beneficiaries will be provided up to **EUR 80,000** as a lump sum. In this second CTTE open call, a total financial support of **EUR 320,000** (estimated) will be provided for approx. 4 CTTEs as a whole.

- **Financial support per CTTE**

    The CTTE experiments will be supported with a lump sum of **up to EUR 80,000**.

- **Financial support per CTTE partner**

    Every CTTE partner can receive a maximum financial support of EUR **60,000**.

    Financial support will be paid out to the leading partner, who will then distribute the funds to the partners according to the resources distribution set up in the proposal.

The financial support will be paid based on the submission and approval of deliverables as defined in section 5.

2.2 Additional Support

Once PAEs will be selected, SMART4ALL will offer to the partners and third parties (Open Call FSTP beneficiaries):

- Technological support, including technical coaching and IPR and open access support through a specialized technological mentor for each experiment.

- Business support and funding access, including support for development of a business plan and identification of public and private funding sources through a specialized business mentor for each experiment.

- Visibility, thanks to the cooperation portal where all PAEs and FSTP beneficiaries will be published and the participation of SMART4ALL in main events at EU level.

3 ELIGIBILITY CRITERIA

We will check the eligibility of all proposals submitted before the deadline via our online application form. All the eligibility criteria are listed in this Section of this Guide for Applicants. The projects that do not comply with those criteria will be excluded and marked as ineligible. We will check the eligibility criteria based on the information provided in your application during the whole evaluation process.

3.1 Who are we looking for?

The SMART4ALL cross border Experiments have to be proposed by a Consortium including the following type of applicants[2]:

- **Universities** and **other Academic Institutions**.

- **SME[3] 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 EUR 100 million or annual balance sheet total less or equal to EUR 86 million.

- **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 FSTP beneficiaries.

Proposals can be submitted by any of the aforementioned types of entities, but the participation of, at least, one SME/Slightly Bigger Company is compulsory and should be the lead of the cross-border Pathfinder Application Experiments (PAEs).

The PAEs must be cross-border, with **3 different entities** from at least **two different eligible countries.**

3.2 Eligible Countries

For this CTTE Open Call, the following countries will be eligible:
- The Member States of the European Union and its Overseas Countries and Territories (OCT) or

- Associated Countries to H2020.

- The United Kingdom

- Any other South-East and Central Europe (SEE)[4] country not listed above but included in Annex A of the H2020 Work Programme.

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 will be prioritized (except Greece) (see section 4 of this Guide for Applicants).

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[2] No PIC number is necessary to participate in this call.

[3] An SME will be considered as such if it complies with the European Commission's Recommendation 2003/361/EC. As a summary, the criteria defining an SME are:
Headcount in Annual Work Unit (AWU) less than 250.
Annual turnover less or equal to €50 million OR annual balance sheet total less or equal to €43 million.
Note that the figures of partners and linked enterprises should also be considered as stated in the SME user guide.

[4] SEE countries: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Greece, Hungary, Kosovo, Moldova, Montenegro, North Macedonia, Romania, Slovakia, Slovenia and Serbia.

3.3 What types of activities can be funded?

Types of activities that qualify for financial support are cross border technology transfers in the following format:

One partner (industrial or academic) from one eligible country transfers a particular novel hardware or software technology in the domain of Customized 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. One industrial productization partner extends the value chain. The transfer may include exclusive or non-exclusive licensing, training, services, documentation, etc., as necessary. The product or solution has to deal with one of the competence fields from one of the four SMART4ALL verticals abovementioned in section 1.3.

The receiving partner adopts and deploys this technology to enable improved products, processes or services (e.g. by gains concerning product cost, performance, or power consumption). Thereby, the technology receiver will achieve innovation and measurable impact, (e.g. in terms of increased revenue or newly created jobs).

EXAMPLES:

CTTE Examples:

1) The compression algorithm with adequate adaption/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.

All SMART4ALL funded PAEs will be required to contribute at least one artefact to the project Marketplace (https://marketplace.smart4all-project.eu/). By the term "artefact" SMART4ALL refers to any tool, educational material, service and/or solution that has been produced by the funded PAE. See the following link for more details.

3.4 How to apply?

Applying to an open call takes time and dedication and we would like to make sure that you understand the eligibility requirements with which you have to comply.

- **Be on time:**

  Make sure you submit your proposal through the online form before the **deadline of 15 January 2022, 17:00 CET**. If you submit the form correctly, the system will send you a confirmation of your submission. Get in touch with us if it is not the case. It is important for you to know that we will not be evaluating any proposal sent after the deadline and submitted outside the dedicated form.

- **Be exhaustive:**

  Have you answered all the sections of the form? It will not be possible to add any information after the deadline. However, you will be able to modify the form as much as you like even after the proposal has been submitted, as long as it is done **before the deadline.**

- **Multiple Submissions:**

  Though applicants can submit multiple applications, neither team members nor any legal entity can be funded twice by SMART4ALL. If several selected proposals have the same team members and/or the same organisations, it is only the proposal with the highest number of points that will be funded.

Consortia will not be able to change their composition after being selected. If consortium members in the submitted application do not provide full written commitment of their exclusive involvement in the project selected (not being able to participate in any other of the selected projects) before signing the Sub-Grant Agreement, the project will not be able to participate in the programme and another project will be picked from the reserve list.

- **English language:**

    English is the official language of SMART4ALL Open Calls. All proposals must be in English in all their mandatory parts in order to be eligible. If the mandatory parts of the proposal are in any other language, the entire proposal will be rejected. If only non-mandatory parts of a proposal are submitted in a language different from English, those parts will not be evaluated but the proposal is still eligible. English is also the only official language during the whole length of the SMART4ALL program. This means that any requested deliverables will be admitted only if submitted in English.

- **Every question deserves your attention:**

    All mandatory sections of your proposal - generally marked with an asterisk - must be filled in. Make sure that the data provided is true and complete. This is crucial for us to properly assess your proposal. Conversely, any additional material that is not specifically requested in the online application form will not be considered for the evaluation so no point overdoing it.

- **Conflicts of interest:**

    We will take into consideration the existence of potential **conflict of interest** between you and one or more SMART4ALL Consortium partners. Indeed, consortium partners, their affiliated entities, employees and permanent collaborators cannot take part in the SMART4ALL programme. All cases of potential conflict of interest will be assessed case by case.

- **Healthy finances and a clean sheet are a must:**
    We won't accept entities that are under liquidation or enterprises in difficulty according to the Commission Regulation No 651/2014, art. 2.18. Neither will we accept proposals from entities that are excluded from the possibility of obtaining EU funding under the provisions of both national and EU law, or by a decision of both national or EU authority.

- **It is *your* proposal:** Your project should be based on your original work. If not, that's okay, just make sure your right to use the IPR is 100% certain. Going forward, any foreseen developments must be free from third-party rights and if not, these third-party rights must be clearly stated.

3.5 Participation in other SMART4ALL open calls and any from H2020 I4MS and SAE projects

As per European Commission's rules, financial support will not be awarded to individual legal entities that have already received more than EUR 100,000 via open calls (Financial Support to Third Parties = FSTP = cascade funding) from H2020 I4MS (https://i4ms.eu/) and SAE (https://smartanythingeverywhere.eu/) projects.

In case of funding received, but under the mentioned threshold (EUR 100,000) from above mentioned sources or from any previous SMART4ALL Open Call, applicants are expected to modify their budget accordingly, if possible, considering the project and attributed tasks, respecting the no "double funding rule"[5].
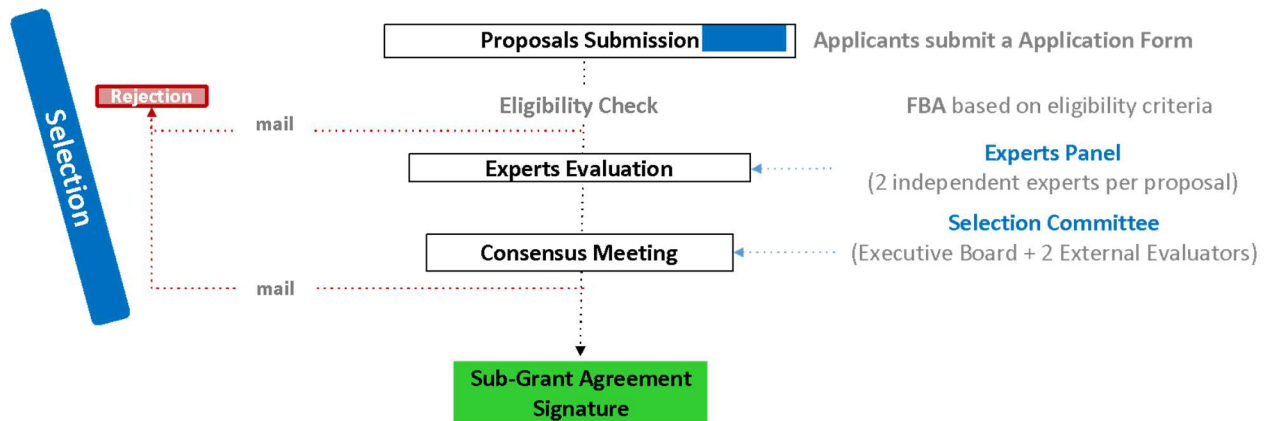
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[5] "Double funding" means the situation where the same costs for the same activity are funded twice through the use of public funds. It is a fundamental principle underpinning the rules for public expenditure in the EU that no costs for the same activity can be funded twice from the EU budget. More on this you can find under "Financial guidelines for applicants".

This limited amount does not include any EC contribution that your organisation receives or has received within an EU-funded project (within FP7 or H2020) as a beneficiary. Participation as a beneficiary within EU-funded projects does not affect the participation in SMART4ALL open calls. For clarification, please contact the relevant department in your organisation.

4 HOW WILL WE EVALUATE YOUR PROPOSAL?

Our evaluation process is transparent, fair and equal to all our participants. The selection process is as follows:

We will be evaluating your project in 3 phases. We expect a high number of applications so if you want to stand out, *quality* is the way to go. What does it mean? In short, provide as many details as possible while being extremely clear and structured. This will help us to properly identify the key points of your application and see how it fits within the overall SMART4ALL CTTE scope.

4.1 First Automatic Eligibility Check

The first evaluation step is about verifying some basic requirements based on the statements from your proposal. Your proposal will be admissible for the next phase if it:
*   Is **complete, readable and in English** in all mandatory sections.
*   Has been submitted via the online form within the **deadline of 15 January 2022, 17:00 CET.**
*   Includes the properly filled declaration of honour. Read the **Declaration of Honour** template carefully which is included in the application form here, as we will check the related submitted statements. You will not be able to change them after the deadline.

Moreover, a first check regarding the eligibility of the participants specified in section 3 will be carried out.

The proposals that do not comply with these criteria will be excluded. We will inform you about the results of this first eligibility check soon after the deadline.

4.2 External Evaluation

CTTE applications will be evaluated by two independent evaluators with wide expertise in CLEC, CPS and/or IoT. The experts will be selected according to the specific characteristics of the CTTE.

The proposals will be evaluated on the following criteria:

(1). EXCELLENCE will evaluate:

*   **Ambition:** The applicants have to demonstrate to what extent that proposed CTTE is beyond the state-of-the-Art and describe the innovative approach behind it (e.g. ground-breaking

objectives, novel concepts and approaches, new products, services or business and organisational models).

- **Innovation**: Applicants should provide information about the level of innovation within their market and about the degree of differentiation that this project will bring.
- **Soundness of the approach:** The objectives of the proposed experiments should be clearly defined, relevant and aligned with the SMART4ALL project objectives, verticals and competence fields. The anticipated TRL elevation (typically from 5 to 7 on average, other combinations are also possible) should be clearly described and justified.

(2). IMPACT will analyze:

- **Benefits of the collaboration**: To what extent the collaboration between the partners will benefit each of them, 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:** The applicants have to demonstrate a clear idea of what they want to do and whether the new/improved product has market potential, e.g. because it solves a problem for a specific target customer.
- **Competition:** The applicants have to provide information about the degree of competition for their particular product/service and if the proposal is disruptive and breaks the market. i.e. the products/services to be brought to market can be clearly differentiated from the competition.
- **Commercial Strategy and Scalability:** The applicants have to demonstrate the level of scalability of the new/improved product by explaining how it will be commercialised to solve a structural problem in a specific sector/process/etc., using a convincing business model and business projections.
- How the proposal has an impact in the lives of **sensitive social groups[6]**. I.e. Improving or supporting the lives of people who belong in sensitive social groups (i.e. vulnerable or high-risk groups which are those groups of the population that have limited or no access to social and public goods and have difficulty or are unable at many levels and in various areas to have a good quality of life, due to characteristics related to gender, age, ethnic origin, occupation, income, physical disabilities.

(3). IMPLEMENTATION will consider:

- **Work plan**: The work plan of the experiment should be 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.smart4all-project.eu/). By the term "artefact" SMART4ALL refers to any tool, educational material, service and/or solution that has been produced by the funded PAE. Describe which artefact will be contributed to the marketplace. See the SMART4ALL project document for more information on the types of artefacts.
- **Team:** The promoters have to demonstrate their management and leadership qualities, their ability to take a concept from idea to market, their capacity to carry through their ideas and

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[6] Sensitive social groups are ethnic minorities identified in the region, migrants, refugees, asylum seekers, stateless persons, people with disabilities, the homeless, those struggling with addition of any kind, isolated elderly people, people in detention, victims of gender violence, women in rural Balkan areas due to their prevalence in informal labour, HIV/AIDS affected, long term unemployment population, low-income pensioners, and children. In general, all those who face difficulties that can lead to further social exclusion, such as low levels of education and unemployment or underemployment.

understand the dynamics of the market they are trying to tap into. The team should be balanced and cross-functional, with a strong background and skill base.

- **Resources**: Demonstrate the 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.

Each evaluator will rank the application assigning a score from 0 to 5 for each criterion and produce an **Individual Evaluation Report.** The overall score will be calculated as the sum of the individual assessments provided by the Evaluators. In case the scores of the evaluators differ significantly, the divergence will be solved by involving a third evaluator in the process.

Each criterion will be scored out of 5. The threshold for individual criteria will be 3. The overall threshold, applying to the sum of the three individual scores, will be 10.

Applicants including **at least 1 member of the SEE region (except Greece)** in their consortium will be given **1 extra point** to the overall score (obtained by adding the three individual criteria).

The final score on each criterion will be given by adding. **Ties** will be solved using the following criteria, in order:

- Number of partners from a SEE country in the consortium (except Greece).
- Impact average score.
- Implementation average score.

Score	Description	Justification
0	Fail	The proposal fails to address the criterion under examination or cannot be judged due to missing or incomplete information.
1	Poor	The criterion is addressed in an inadequate manner, or there are serious inherent weaknesses.
2	Fair	While the proposal broadly addresses the criterion, there are significant weaknesses.
3	Good	The proposal addresses the criterion well, although improvements would be necessary.
4	Very good	The proposal addresses the criterion very well, although certain improvements are still possible.
5	Excellent	The proposal successfully addresses all relevant aspects of the criterion in question. Any shortcomings are minor.

A '**Ranking List'** will be created and all those with a score above the threshold will be passed to the Consensus phase.

4.3 Consensus Meeting

The ranked list of proposals will be passed to a consensus meeting involving the 'Selection Committee', composed by the SMART4ALL Executive Board and 2 External Evaluators.

The 'Selection Committee' will decide by consensus and based on the ranking as a result of the External Evaluation, the 'List of finalists'.

Bear in mind that even if it is normally the best-marked proposals that are selected for funding, the Selection Committee may have fair reasons for objecting to the selection of a specific candidate. These reasons can relate to:
- The alignment with SMART4ALL goals and scope.
- The ability to achieve the strongest possible impact.
- Commercial competition.
- The existence of significant ethical concerns.
- The existence of a potential conflict of interest.

The 'Selection Committee' will decide by majority vote of 2/3 from all members the 'Provisional List of FSTP beneficiaries', and 'Reserve List'. The exact number of proposals approved will be decided based on the overall quality of the proposals. In case a top-ranked application is rejected, we will consider selecting the next best-ranked proposal.

4.4 Ethical Review

Before the Sub-Grant Agreement signature, the SMART4ALL Ethics Committee will review all selected CTTEs and, in particular, those highlighting upfront ethical issues (by participants or by evaluators).

Consortia must indicate in their applications whether they foresee any ethical issues in the development of their projects and how they plan to handle them.

Candidates with proposals rejected due to ethical issues or rejected because they insufficiently address ethical issues in their projects will be contacted via email, indicating that their proposals cannot be selected and including the ethical report.

Fields of research NOT eligible for funding under H2020 are:
- research activities directed at human cloning for reproductive purposes.
- research activity intended to modify the genetic make-up of human beings that could make such changes heritable (apart from research relating to cancer treatment of the gonads, which may be financed).
- research activities intended to create human embryos solely for the purposes of research or stem cell procurement, including the technique of somatic cell nuclear transfer.
- research that leads to the destruction of human embryos.
- Double-funded activities.

The objective of this ethical review is to make sure that SMART4ALL does not support CTTEs which would be contrary to fundamental ethical principles, and that the procedures to prevent ethical issues described in the proposal agree with the European Ethical Policies. In any case H2020 rules on ethical issues will be followed and when conflict with the national/local ethical rules the H2020 rules will prevail.

4.5 What's next? Subgrant Agreement Preparation and Signature

Each selected applicant will sign the Sub-Grant Agreement with Germany's Brandenburg University of Technology Cottbus-Senftenberg (BTU), on behalf of the SMART4ALL consortium. The funds awarded under the Sub-Grant Agreement are provided directly from the funds of the European Project SMART4ALL and are therefore funds owned by the European Commission: Management of the SMART4ALL funds has been transferred to the project partners in SMART4ALL via the European Commission, Grant Agreement number 872614.

The SMART4ALL Sub-Grant Agreement will include the set of obligations that the FSTP beneficiaries have towards the European Commission. It is the task of the FSTP beneficiaries to satisfy these obligations and of the SMART4ALL consortium partners to inform the FSTP beneficiaries about them.

Be extremely vigilant with respect to:

1. **The nature of the documents** we request.

   If the documents you provide us with do not prove your eligibility, the adventure will end here.

2. **The deadlines** that we will give you to hand us these documents.

   If you do not deliver the requested documents on time, without a clear and reasonable justification, we will have to exclude you from the further formal assessment. Another applicant from the Reserve list will then replace you.

5 OUR SUPPORT PROGRAMME AND PAYMENT ARRANGEMENTS

5.1 Lump Sum

Once your eligibility has been confirmed following the formal check and the SubGrant Agreement signed, you would be an official beneficiary of the SMART4ALL programme. It is now that the adventure begins and it is now high time to understand how the funding is going to be distributed.

As a beneficiary, you will receive a fixed lump sum of up to €80,000. The lump sum is a simplified method of settling expenses in projects financed with Horizon 2020 funds. It means that you are not required to present accounting documents to prove the investment-related costs incurred (e.g. invoices). However, you are obliged to demonstrate that the implementation of the project is in line with the milestones set for it. The milestones (deliverables, KPIs and ethical recommendations) will be defined and calendarised in the 'Individual Mentoring Plan' elaborated at the beginning of the programme.

In short, we will carefully assess your progress and the quality of your work during Interim Reviews but we will not review your accountancy. Bear in mind that the lump sum does not release you from the obligation to collect documentation to confirm the costs under fiscal regulation.

5.2 Eligible costs

The total financial support per CTTE includes the reimbursement of the following cost forms only:

- Costs of the staff involved in the CTTE.
- CTTE-related training and service activities for the industry partners.
- License and IPR agreement development.
- Necessary travel costs for mutual CTTE partner visits or CTTE presentations or demonstrations organized by SMART4ALL.
- Costs for providing open access to CTTE related scientific publications.
- Consumables and Equipment costs.
- Cost incurred in uploading an artefact as a contribution to the SMART4ALL marketplace.

Note: In the case of for-profit legal entities, even if we provide a lump sum, you will need to include a budget in your application and the grant amount requested cannot exceed the 70% of the costs estimated for the execution of the project. Non-for-profit entities can request 100% of their costs.

5.3 Deliverables and Payments

The cross-border CTTE selected will be defined at the beginning of the support programme, together with the mentors allocated, an 'Individual Mentoring Plan (IMP)'. This document establishes the KPIs and the 3 Deliverables that will be considered when evaluating the SMART4ALL Experiments' performance at the milestones.

The 'Mentoring Committee' will evaluate the selected projects performance at the review milestones (established every 2-3 months), according with the following criteria:

- Quality of Deliverables. To be scored by the Mentors based on the Deliverables established in the IMP.
- Business performance indicators. To be scored by the Business Mentors based on the KPIs established in the IMP.
- Technical performance indicators. To be scored by the Technical Mentor based on the KPIs established in the IMP.

- Deadline Compliance. To be scored by the Mentors.

Each criterion will be scored from 0 to 10 and the weight of each one of these criteria, in the final score, will be as follows:
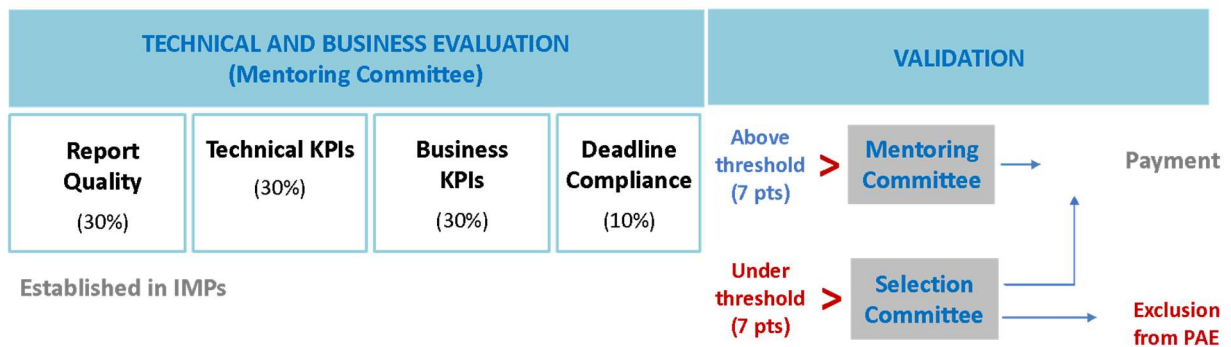- Deliverable quality (30%).
- Technical performance indicators (30%).
- Business performance indicators (30%).
- Deadline Compliance (10%).

According with this final score:
- FSTP beneficiaries over threshold (7 points) will successfully receive the next payment and be a candidate to continue in the program.
- FSTP beneficiaries under threshold. Those FSTP beneficiaries which have not reached the threshold will be reviewed by the 'Selection Committee' who will take the final decision considering all possible objective reasons for underperformance (i.e. external factors which might have influenced the FSTP beneficiaries' performance). Those not passing this examination will not receive the next payment and will be invited to leave the Program.

The following figure summarises the PAE's review process:

Interim & Final Review Milestones

The instalments after the approval of each of the 3 deliverables will be as follows:

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%

6 CONTACT US

6.1 How can we help you?

If you still have any doubts regarding our Open Call process, feel free to get in touch with us:
- For questions on the Open Call requirements, ask your question in the Helpdesk space of SMART4ALL Community. For technical questions, please visit the SMART4ALL Helpdesk.
- View the recorded webinars and training courses here. There will be additional webinars organised which will be advertised on the main project website and via our social media channels.
- Send us an email to the following address: helpdesk@smart4all-project.eu
- Visit the Frequently Asked Questions (FAQs). You can find the the FAQs in your local language **here**

If ever you face any technical issues or problems, make sure you include the following information in your message:
- Your username, telephone number and your email address.
- The details of the specific problem (error messages that appeared, bug descriptions such as a dropdown list that isn't working, etc.).
- Screenshots of the problem.

6.2 Complaints

First of all, be aware that we won't be reviewing your complaint **if**:
- It is anonymous.
- The information is incomplete.
- It is not related to the results of the evaluation of the eligibility criteria. Indeed, most of the evaluation process is run by **independent experts** in the given field. The project consortium does not interfere with their assessment.

If, after receiving the results of the eligibility criteria evaluation, you consider that a mistake has been made, resulting in the rejection of your application, you have the right to send us a complaint. You can email us in English to helpdesk@smart4all-project.eu including the following information:
- Your contact details (including email address).
- The subject of the complaint.
- Information and evidence regarding the alleged mistake.

Important note regarding the timeline:

You have **3 calendar days** to submit your complaint starting from the day after the communication was sent. On our side, we will review them within no more than **7 calendar days** from its reception. If we need more time to assess your complaint, we will inform you by email about the extension.

7 LAST BUT NOT LEAST - FINAL PROVISIONS

Any matters not covered by this Guide will be governed by German law and rules related to the Horizon 2020 programme and European Union grants regulations.

We do our best to keep all the applicant data confidential. However, to avoid any doubts, you are entirely responsible to indicate what information is confidential.

Your IPR will remain your property. Regulation of the Bottom-up Projects specific IPR issues is the sole responsibility of the third parties. In the case where more than one third party entity participates in the Bottom-up Project, the IPR agreement should be negotiated among the third-party entities before signing the agreement with the SMART4ALL consortium. SMART4ALL will enforce that such a bilateral (or multilateral in case of multiple third-party entities) IPR agreement is being closed and will provide a template IPR agreement for this purpose on request.

For the selected , the agreement will include the set of obligations towards the European Commission (for example: promoting the project and giving visibility to the EU funding, maintaining confidentiality, understanding potential controls by the EC/ECA and OLAF).

The SMART4ALL Consortium might cancel the call at any time, change its provisions or extend it. In such a case we will inform all applicants about such change. Signature of the agreement is an initial condition to establish any obligations among applicants and any Consortium partners (with respect to the obligation of confidentiality of the application).

You didn't find what you were looking for? You may want to check our Frequently Asked Questions Section. You can find FAQs in your local language by going to this link.

8 EXTRA HINTS BEFORE YOU SUBMIT YOUR PROPOSAL

A proposal takes time and effort, and we know it. Here a few crucial points you should read before hitting the "Submit" button in order to maximise your chances of success:

- Is your project in line with what SMART4ALL is looking for? Not 100% sure? You can consult section 3.3.
- Did you present your project in a way that will convince evaluators? Go back to section 4 if you have any doubt.
- Is your project fulfilling all the eligibility requirements described in the Guide for Applicants? Check section 3.
- Are you able to cope with our signature agreement process and payment arrangements for the selected proposals? You may want to go over section 5.
- Do you need extra help? Get in touch!

ANNEX 1: INFORMATION CLAUSE

Information clause for personal data processing
in 2nd Open Call in SMART4ALL Project

CONTROLLER`S IDENTITY AND CONTACT DETAILS

The data controller is FundingBox Accelerator sp. z o.o. (Al. Jerozolimskie 136, 02-305 Warsaw, Poland). In all matters regarding personal data, you can contact us via: privacy@fundingbox.com.

PURPOSES, LEGAL BASIS AND PROCESSING PERIOD		
The purpose and legitimate interest of processing	Legal basis for processing	Period
1) To run an Open Call and collect data necessary to evaluate applications submitted in the Open Call	Legitimate interest of FundingBox (based on Article 6, paragraph 1 (f) of GDPR) which is fulfilling the obligations and our other interests related to these purposes	6 years from the end of the year in which the Project ended
2) To realize the Project goals described in the Grant Agreement (e.g. communication, reporting, collaborating with other project partners)		
3) To consider potential complaints		
4) To gather feedback from applicants when the Open Call is over to improve processes		

DATA RECEIVERS

Data controller will transfer personal data only to trusted recipients such as entities belonging to the FundingBox's capital group, IT service providers, accountants, law firms, postal and courier companies (who process personal data on the controller's behalf).

Due to the fact that we use the services of Google LLC, your data may be transferred to the USA. We have concluded an agreement with Google LLC - the so-called Standard Contractual Clauses. This means that in accordance with the decision of the European Commission No. 2010/87 / EU of February 5, 2010, your personal data may be processed by this company in the USA. More information about the decision at: https://fundingbox.com/trust/transfer-outside-eea/

To realize the Project, data can be transferred also to Project Partners (complete list of the project partners is available at the email address: privacy@fundingbox.com) and European Commision.

RIGHTS OF DATA SUBJECT

Due to the fact that we process your personal data, you have the right to:
1) request access to your personal data,
2) demand the rectification of your personal data,
3) request to remove or limit the processing of your personal data,
4) complain with the supervisory authority (The President of the Personal Data Protection Office, Warsaw, Poland, https://uodo.gov.pl/en).

You also have a right to object to processing of your personal data (according to the Article 21 of GDPR).

INFORMATION ABOUT VOLUNTARY OR OBLIGATORY DATA PROVISION

Providing data is voluntary, although it is necessary to participate in the Open Call. Without providing your data, it is not possible to contact you and evaluate the application.

H2020 Innovation Action – This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 872614
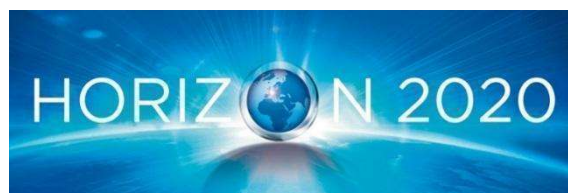
ANNEX 3

Frequently Asked Questions (FAQs)

SMART4ALL Second Open Call

Cross-Domain Technology Transfer Experiments (CTTE)

Application submission starts on:	15 October 2021, 00:00 CEST
Submission deadline is:	17 January 2022, 17:00 CET

Thank you so much for your interest in SMART4ALL CTTE Second Open Call and welcome to our Frequently Asked Questions (FAQs). We hope these questions can help you solve your doubts about the application and submission process of CTTE First Open Call.

This FAQs will be updated based on the questions we receive but, if you cannot find the answer you need here, please submit your question(s) through our SMART4ALL Online Community or to our Helpdesk.

This document refers to the CTTE Second Open Call project, which launches on Friday 15 October 2021, at 00:00 (CEST) and has a submission deadline on Monday 17 January 2022 at 17:00 (CET).

Please refer to SMART4ALL website for more information about the project and to the Guide for Applicants (GfA) for further information about the call.

1   What is CTTE about?

The **Cross-Domain Technology Transfer Experiments** (CTTE) funding instrument, focusing on one of the four defined verticals (Digitized Transport, Digitized Agriculture, Digitized Environment and Digitized Anything), will give the opportunity to form synergies, accelerate product orient projects and offer guidance towards successful commercialisation. It will be of short-term duration (9 months) and will consist of **cross-border** Pathfinder Application Experiments (PAEs) between 3 different entities from at least two different eligible countries (as per the eligibility criteria stated in section 3.2 of the Guide of Applicants). For this CTTE Open Call, <u>one</u> Academic/Industrial **Technology Provider** transfers a novel technology to <u>one</u> Industrial **Technology Receiving** partner as an early-adopter and then <u>one</u> Industrial **productization** partner extends the value chain**.** The partners shall apply together as a consortium through a simple application form.

2   Who can apply to the CTTE First Open Call?

The SMART4ALL cross border Experiments have to be proposed by a Consortium including the following type of applicants[7]:

- **Universities** and **other Academic Institutions**.

- **SME[8] 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 EUR 100 million or annual balance sheet total less or equal to EUR 86 million.

- **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 FSTP beneficiaries.

Proposals can be submitted by any of the aforementioned types of entities, but the participation of, at least, one SME/Slightly Bigger Company is compulsory and should be the lead of the cross-border Pathfinder Application Experiments (PAEs).

The PAEs must be cross-border, with **3 different entities** from at least **two different eligible countries.**

The applicants involved in the consortia can NOT include any SMART4ALL partners.

3   Can two Academic entities apply to the CTTE Open Call?

No, the consortium composition can be as follows and from at least two different eligible countries.

Technology Provider	Technology Receiver	Productizer
Academic, Country 1	**Industrial, Country 1 or 2**	**Industrial, Country 1, 2 or 3**
Industrial, Country 1	**Industrial, Country 1 or 2**	

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[7] No PIC number is necessary to participate in this call.

[8] An SME will be considered as such if it complies with the European Commission's Recommendation 2003/361/EC. As a summary, the criteria defining an SME are:
Headcount in Annual Work Unit (AWU) less than 250.
Annual turnover less or equal to €50 million OR annual balance sheet total less or equal to €43 million.
Note that the figures of partners and linked enterprises should also be considered as stated in the SME user guide.

The **leading partner must always have an Industrial partner status (SME or Slightly Bigger company)**.

4 How do I find a partner to apply with?

Through the SMART4ALL [Matchmaking & Partner Search Service](#) you have access to SMART4ALL ecosystem for:

- **Matchmaking** among technological partners as well as between technological and business parties, based on specific requirements, offerings and characteristics.

- **Partner search** for SMART4ALL Open Calls.

5 Can I apply if I am a collaborator of one of the partners of the SMART4ALL consortium?

No, applicants shall not have any actual or/and potential conflict of interest with the SMART4ALL selection process and during the whole internship program. All cases of conflict of interest will be assessed case by case.

6   What is the technology and verticals behind SMART4ALL?

SMART4ALL focuses on CLEC, i.e. low-energy computing technologies applied in **four** SMART4ALL verticals with European leadership and strategic importance, including but not limited to the following SMART4ALL competence fields (see summarised table below, the complete one being available in the Guide for Applicants):

	SMART4ALL VERTICALS			
S M A R T A L L C O M P E T E N C E F I E L D S	**DIGITIZED TRANSPORT**	**DIGITIZED ENVIRONMENT**	**DIGITIZED AGRICULTURE**	**DIGITIZED ANYTHING**

	• 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
		• Smartbuilding
		  · Smarthome
		  · Critical infrastructure monitoring
		  · Smart hospitals
		• Water pollution monitoring
		• Smartgrids
		  · Energy management
		• Environment monitoring
		• Bio-diversity
		  · Wild/migratory animals monitoring
		• Smart industry
		• Data processing & data visualization
			• 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
			• Revalorisation of agricultural waste
				• Human-machine Interaction
				• Digital Education
				• Industrial Automation
				• Machine Learning
				• Market Intelligence
				• Medical and Health Applications
				• Active & Healthy Ageing
				• Support for disabled persons
				• Cybersecurity
				• Data Mining and Big Data
				• Personal security
				• Additive Manufacturing (3D printing)
				• Augmented and Virtual Reality
				• Audio/Video Processing
				• Location-based Technologies
				• Web and Mobile Applications
				• Wireless Sensor Networks
				• Disaster management
				• Digital heritage
				• Telemedicine
				• Rehabilitation, wellness, fitness
				• E-commerce

7 Can my consortium apply if my proposal is about CLEC but our competence field is not included in the previous list?

Yes, you can apply, provided your proposal is focused on CLEC and you can prove it deals with one of the four verticals. As mentioned in the introductory sentence, the above list does not pretend to limit the competence fields, it is just a guiding list.

8 Is SMART4ALL going to address COVID-19? How?

In previous open calls, proposals addressing current and future problems stemming from the COVID-19 crisis were given **1 extra point** to the overall score, however, this is no longer the case. For this second CTTE open call, there will be no extra point for addressing the COVID-19 crisis.

9 What countries are eligible for SMART4ALL?

For this CTTE Open Call, the following countries will be eligible:

- [The Member States of the European Union and its Overseas Countries and Territories (OCT)](#) or

- [Associated Countries to H2020.](#)

- The United Kingdom

- Any other South-East and Central Europe (SEE)[9] country not listed above but included in [Annex A of the H2020 Work Programme.](#)

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 will be prioritized (except Greece) (see section 4 of the Guide for Applicants). Proposals including **at least 1 member of the SEE region** (except for Greece) in their consortium will be given **1 extra point** to the overall score.

10 Can a consortium apply if two entities are from the same eligible country?

Yes, in the case of CTTE, the three members of the applying consortia must be from at least two different countries within the list of eligible countries.

11 Can a consortium or a member of a consortium submit more than one proposal?

Any legal entity will be able to apply to the second CTTE Open Call in as many consortia as wished, but it would only be selected as part of one consortium.

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[9] SEE countries: Albania, Bosnia and Herzegovina, Bulgaria, Croatia, Greece, Hungary, Kosovo, Moldova, Montenegro, North Macedonia, Romania, Slovakia, Slovenia and Serbia.

12   What does the application form to the CTTE Open Call include?

Proposals have to be submitted through the SMART4ALL microsite: https://smart4all.fundingbox.com/

Applications submitted by any other means will not be considered for funding.

All Applicants will be asked to acknowledge the Informed consent form – in order to submit the full Application.

The proposals – submitted through the online platform – will include the following sections:

- Information on Partner no. 1:

- Information on Partner no. 2:

- Information on Partner no. 3:

- CTTE key data

- Description of the CTTE

    o   (Scored) EXCELLENCE

    o   (Scored) IMPACT

    o   (Scored) IMPLEMENTATION

- Ethical issues, data protection and privacy

- Questions for statistical purposes

- Declaration of Honour and Absence of conflict of interest – acceptance

- Informed consent form – acceptance

- Processing of personal data – information clause acceptance

Additional material, which has not been included and specifically requested in the online application form, will not be considered for the evaluation of the proposals. Data not included in the proposal will not be taken into account. The SMART4ALL consortium makes its best effort to keep all provided data confidential; however, for the avoidance of doubt, the applicant is solely responsible to indicate its confidential information as such.

13   How long does it take to fill in the application?

In order to successfully fill in the application form you will probably need 1-2 days of writing, but we imagine that your team is composed of members specialized in their area of expertise you can divide and conquer. You'll be able to add contributors to your application so that each team member can tackle their application area and you will be done quicker.

Considering specific character limits have been established in each section of the online application form, we encourage you to keep your application focused on the requested information keeping in mind the challenges and domains covered by this 1st call.

We also recommend that you start the submission process quite before the deadline in order to avoid last minute circumstances.
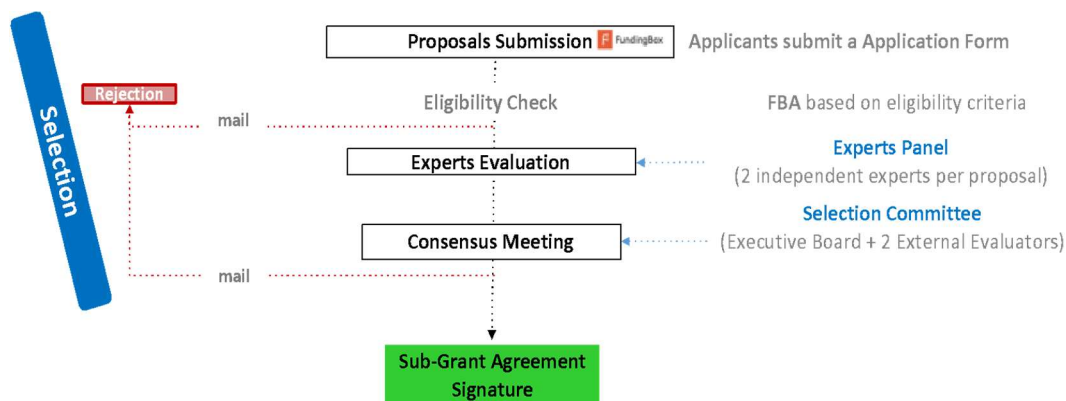
14   When is the deadline for my application submission?

Applications must be submitted by the closing time and date published in the open call. Only proposals submitted before the deadline will be accepted. After the call closure no additions or changes to received proposals will be taken into account.

The deadline for this call is 17 January 2022 (17:00 CET).

15   What is the selection process procedure and how long does it take?

The selection process is as follows:

General eligibility check:

A proposal will be considered eligible for evaluation if it meets the following conditions:

● the online proposal template has been completed as required,

● the proposal was submitted by the closing date as stated in the open call text, and

● the eligibility criteria set out in section 3 were met.

Proposals that do not fulfil all conditions will not be considered for evaluation.

External evaluation

The proposals will be evaluated on the following criteria:

EXCELLENCE, IMPACT and IMPLEMENTATION. See more details in section 4.2 of the Guide for Applicants.

Consensus phase

The consensus meeting will select the proposals awarded financial support.

Formal decision

Formal decision of the financial support is subject to signing the SMART4ALL funding agreement. In case any consortium partner of SMART4ALL refuses to sign the funding agreement the proposal will

be excluded from financial support. Instead, the first proposal, taken from a Reserve List of the top ranked proposals initially rejected, will replace the excluded one.

Communication after the evaluation

Applicants will be informed on the results after the evaluation has been completed and the final decisions have been made. Applicants of proposals rejected will receive an email including the reasons for rejection.

16   Will all the evaluation criteria have the same weight?

Each evaluator will rank the application assigning a score from 0 to 5 for each criterion and produce an Individual Evaluation Report. The final score will be calculated as the weighted sum of the individual assessments provided by the Evaluators.

Applicants including **at least 1 member of the SEE region** in their consortium will be given **1 extra point** to the overall score (obtained by adding the three individual criteria).

The final score on each criterion will be given by adding . **Ties** will be solved using the following criteria, in order:

- Number of partners from a SEE country in the consortium (except Greece).
- Impact average score.
- Implementation average score.

A '**Ranking List**' will be created and passed to the Consensus phase.

17   What costs are eligible in CTTE?

The total financial support per CTTE includes the reimbursement of the following cost forms only:

- Costs of the staff involved in the CTTE.
- CTTE-related training and service activities for the industry partners.
- License and IPR agreement development.
- Necessary travel costs for mutual CTTE partner visits or CTTE presentations or demonstrations organized by SMART4ALL.
- Costs for providing open access to CTTE related scientific publications.
- Consumables and Equipment costs.
- Cost incurred in uploading an artefact as a contribution to the SMART4ALL marketplace.

18   Will each member of the consortium receive the funds we are requesting?

Each selected applicant will sign the Sub-Grant Agreement with the SMART4ALL consortium. The funds awarded under the Sub-Grant Agreement are provided directly from the funds of the European Project SMART4ALL, and are therefore funds owned by the European Commission.

As mentioned above, the consortia will be **free** to distribute the requested funds among the three partners, according to the resources' distribution set up in the proposal.

However, the grant will be paid to the **Leading Partner** who will be responsible for its distribution within the consortium and the **leading partner must always have an Industrial partner status (SME or Slightly Bigger company).**

19   When will we receive the funds?

The SMART4ALL Financial Authority will make the payments to the Leading Partner of the CTTE based on deliverable submission and approval by the SMART4ALL Mentoring Committee:

Deliverable	Submission date	Instalment (% of the lump sum)
Individual Mentoring Plan	15 days after signature of SGA	30
Midterm Report	End of Month 5	50
Final Report	End of Month 9	20

20   Will we get a template of the requested deliverables?

Yes, the requested reports will be included in the Individual Mentoring Plan (IMP) that the cross-border CTTE selected will define at the beginning of the support programme, together with the mentors allocated. This document establishes the KPIs and the 3 Deliverables that will be considered when evaluating the SMART4ALL Experiments' performance at the milestones.

21   Will a consortium getting funded by CTTE be able to apply to subsequent Open Calls from the SMART4ALL programme?

Yes, any consortium or any member of a consortium will be able to apply and get funding to subsequent SMART4ALL open calls, including other CTTE open calls.

The only restriction is that, in total, an organisation will be able to request an amount of EUR 100,000.

22   Does the '*de minimis*' rule apply for CTTE? Is there any additional restriction about funding?

No, the 'de minimis' rule will not apply in CTTE nor any other SMART4ALL open call.

However, as per European Commission's rules, financial support will not be awarded to individual legal entities that have already received more than EUR 100,000 via open calls from H2020 I4MS (https://i4ms.eu/) and SAE (https://smartanythingeverywhere.eu/) projects.

This limited amount does not include any EC contribution that your organisation receives or has received within an EU-funded project (within FP7 or H2020) as a beneficiary. Participation as a beneficiary within EU-funded projects does not affect the participation in SMART4ALL open calls.

23   What type of support will be available to prepare the application?

The Guide for Applicants is the main reference document. It provides detailed information about the requirements of the evaluation and selection process.

For further information on the Open Call, in case of any doubts regarding the eligibility rules, the information that is to be provided in the Application Form, or if you encounter technical issues or problems with the Application Form, please contact the SMART4ALL Helpdesk.

The Helpdesk will also be available using the FundingBox Online Community in spaces.

ANNEX 4 - APPLICATION FORM

SMART4ALL -CTTE
https://smart4all-2nd-ctte.fundingbox.com/

Basic information

Project acronym:

Project Name:

Name and Surname of the contact person:

Contact Person Email:

Contact Person Phone:

Information on Partners

INFORMATION ON PARTNER NO.1: TECHNOLOGY PARTNER

Name of Contact Person:

Legal name of the entity:

Vat number/Resistry Number:

Type of entity (select one):
- o University / Research Centre / Academic institution
- o Industrial SME/Sligtly bigger company

- o System Integrator and/or Technology Provider in general

Website:

City: Where most of the team members will be based.

Country. Take notice that only countries indicated in GfA are eligible for application.:

Years of Operation. Number of years (or fractions) since incorporation.:

*****Organisation size**. Number of people employed in the organisation. Please remember that by the official EC definition, for a company to qualify as SME, it must have less than 250 employees (see Section 3.1 of the Guide for Applicants).: (Select one)

- o 1-2
- o 3-5
- o 6-10
- o 11-49
- o 50-99
- o 100-249
- o 250-500
- o over 500

Partner's role. (Detail the role of each of the partners in the experiment):

- o Leading partner (Only an industrial partner can be a lead partner)
- o Partner

Email. Please enter the email address to contact your team and send all the communications:

Phone:

INFORMATION ON PARTNER 2: TECHNOLOGY RECEIVER

Name of Contact Person:

Legal name of the entity: The legal name in the country where the company is incorporated.

VAT number/Registry Number:

*Type of entity: (Select one)
- o University / Research Centre / Academic institution
- o Industrial SME/Sligtly bigger
- o System Integrator and/or Technology Provider in general

City:

Country. Take notice that only countries indicated in GfA are eligible for application.:

Years of Operation. Number of years (or fractions) since incorporation.:

*Organisation size. Number of people employed in the organisation. Please remember that by the official EC definition, for a company to qualify as SME, it must have less than 250 employees (see Section 3.1 of the Guide for Applicants).: (Select one)
- o 1-2
- o 3-5
- o 6-10
- o 11-49
- o 50-99
- o 100-249
- o 250-500
- o over 500

Partner's role. (Detail the role of each of the partners in the experiment):
- o Leading partner (only an industrial partner can be a lead partner)
- o Partner

Email. Please enter the email address to contact your team and send all the communications:

Phone:

_____

INFORMATION ON PARTNER 3: PRODUCTIZATION PARTNER

Name of Contact Person:

Legal name of the entity: The legal name in the country where the company is incorporated.

VAT/Registry Number:

*****Type of entity**: (Select one)
- o University / Research Centre / Academic institution
- o Industrial SME/Sligtly bigger
- o System Integrator and/or Technology Provider in general

City:

Country. Take notice that only countries indicated in GfA are eligible for

application.:

Years of Operation. Number of years (or fractions) since incorporation.:

*****Organisation size**. Number of people employed in the organisation. Please remember that

by the official EC definition, for a company to qualify as SME, it must have less than 250

employees (see Section 3.1 of the Guide for

Applicants).: (Select one)
- o 2
- o 3-5

- o 6-10
- o 11-49
- o 50-99
- o 100-249
- o 250-500
- o over 500

Partner's role. (Detail the role of each of the partners in the experiment):

- o Leading partner (only an industrial partner can be the lead partner)
- o Partner

Email. Please enter the email address to contact your team and send all the communications:

Phone:

CTTE Key Data

This is the necessary information for us to identify your project. Keep it short and concise please and note that you should already know under which vertical you would like to apply with your project.

Project name: (Your project will be identified by this name)

Tagline: (Describe your project in one sentence (max. 140 characters)

Brief Description: (Tell us more about your project and what are the benefits for all organisations (max. 1000 characters).)

Select the vertical your project is addressing:

- o   Digitized Transport
- o   Digitized Agriculture
- o   Digitized Environment
- o   Digitized Anything

Select the secondary vertical your project is addressing:

- o   Digitized Transport
- o   Digitized Agriculture
- o   Digitized Environment
- o   Digitized Anything

Excellence

In this section, you should be providing information on the type of Cross-domain Technology Transfer Experiment you are proposing, what level of innovation this cross-border experiment is providing in one of the SMART4ALL verticals and how the participating organisations will interact to achieve a successful outcome.

Experiment description: (Describe your experiment, and the differential advantages and enhanced value it offers. Demonstrate to what extent that proposed experiment is beyond the stat-of-the-art related with the application of CLEC in CPS and IoT.) *(Max 2000 characters)*

*__Innovation level description__: *Provide information about the level of innovation and novelty of the proposed project and how it is appropriate for applications in the SMART4ALL verticals) *(Max 1500 characters, including spaces)*

*__Soundness of the approach__: (Describe how the objectives of your proposed CTTE are relevant and in line with the SMART4ALL project objectives, verticals and competence fields. What is the anticipated TRL elevation? Please describe and justify. Although other combinations are possible, expected TRL elevation is from 5 to 7.) *(Max 2000 characters)*

Impact

In this section, you should describe the resulting added value for the industry partner and customers, e.g. revenue or profit increase, cost reduction, market growth, energy savings, performance gain, newly created jobs, etc.

__Benefits of the collaboration (Technology Provider benefit, Technology Receiver benefit, Productization partner benefit):__
(Describe how the collaboration between the partners will benefit each of them, in terms of technical and/or business/market expectations. Explain why this particular collaboration will lead to a successful experiment and high economic impact. Describe the resulting added value for the industry partner(s) and its/their customers, e.g. revenue or profit increase, cost reduction, market growth, energy savings, performance gain, newly created jobs, etc.) *(Max 2500 characters)*

__Market opportunity:__
(Describe the market potential of the proposed CTTE in one of the SMART4ALL verticals. Provide a short market analysis.) *(Max 2000 characters)*

__Competition__:
(Describe and analyse the degree of competition of your particular product/service and to what extent your proposal is disruptive and breaks the market, i.e. the products/services to be brought to market can be clearly differentiated from the competition.) *(Max 1500 characters)*

Commercial Strategy and Scalability:
(Describe your business model and how the product will be commercialised to solve a structural problem in the specified vertical. Give and justify 3-year business projections.) *(Max 2000 characters)*

Potential Impact on Sensitive Social Groups:

Describe how the solution (if applicable) is improving or supporting the lives of sensitive social groups (see section 4.2 of the Guide for Applicants for details).

Implementation

In this section, you have to demonstrate how the CTTE will be successfully implemented, describing in detail the activities and tasks you are going to undertake.

Work Plan:
(The workplan of the experiment should be 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.) *(Max 3000 characters)*

Team:
(Describe the competences, experience and complementarity of the partners and their commitment to the project.) *(Max 2500 characters)*

RESOURCES

1. **Eligible Costs:**

Indicate how the lump sum (EUR 80,000) will be allocated among eligible costs and among partners. Please justify them.) *(Max 2000 characters)*.

2. **Partner no. 1 Indicate % Of Lump sum allocation**

3. **Partner no. 2. Indicate % of Lump sum allocation**

4. **Partner no. 3 Indicate % of Lump sum allocation**

Ethical issues, data protection and privacy

Are there any issues on ethics, data protection and privacy of relevance? Yes/No

If yes, please explain why?

Questions for statistical purposes

How did you hear about SMART4ALL?:

- o Social media,
- o e-mail campaigns,
- o Newsletter,
- o SMART4ALL website,
- o Internet search,
- o Regular media,
- o Partners' network,
- o By word of mouth,
- o Other

If your answer is "other", please specify:

Is/are any organisation(s) involved in your CTTE completely new in EU projects?:

- o Yes
- o No

If yes, which ones:

Have you submitted a proposal to any other SMART4ALL call?:

- o Yes
- o No

If your answer is "yes", please specify:

How did you find each other to implement your CTTE jointly? Select the answer.:

- o Knew each other beforehand
- o At a brokerage event
- o Via an online brokerage platform
- o By a dedicated search for a suitable partner
- o Through the SMART4ALL Matchmaking & Partner Search Service
- o Other:

Gender: How many female and male research team members approximately will be actively involved in the CTTE?:

- o Females:
- o Males:

Types of customers: Which types of customers will use the product or service of the CTTE?:

- o Consumer

- o Business

- o Government

- o Indifferent

- o Other (please specify):

If your answer is "other", please specify:

Geographical scope: Select the targeted geographical area for the proposed product or service.:

- o Regional
- o National
- o Europe
- o International
- o Other: Please specify:

If your answer is "other", please specify

Declaration of honour

By submitting this proposal I confirm that I read and understood the declaration of honour and absence of conflict of interest::

- o Yes
- o No

Information consent form (SMART4ALL Marketplace)

I agree to share my personal data with the University of Peloponnese (Erythroy Stavroy 28 & Karyotaki, 22131, Tripolis, Greece, www.uop.gr) to publish the provided information in SMART4ALL Marketplace. The consent may be withdrawn at any time by contacting the Controller at the e-mail address: privacy@fundingbox.com. The withdrawal of consent does not affect the lawfulness of processing based on a consent before its withdrawal.:

- o Yes
- o No

Personal data processing

I confirm that I read and understood the information clause concerning processing of the personal data provided above:

- o Yes
- o No

Please enter your name: