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

3rd CTTE Open Call FundingBox

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www.smart4all-project.eu
Grant Agreement: 872614

Outlines

- SMART4ALL Goals
- SMART4ALL Verticals
- Who can apply
- How to apply
- Selection Process overview
- Financial Support
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- Help and support
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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
	• 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	• Smart building • Water pollution monitoring • Smart grids • Environment monitoring • Bio-diversity • 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 • 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

Current Open Calls

CTTE – Cross-Domain Technology Transfer Experiments

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

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

OPENED on 21th October 2022

CLOSES on 17th January 2023 at 17:00 CET

Who can apply to CTTE?

ACADEMIC **Universities** and other **Academic Institutions**

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

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

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

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

*Greece is not longer a prioritized SEE country

Who can apply? 3rd CTTE OC

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

- **Eligible countries**:
  - EU member states
  - H2020 Associated countries
  - Other SEE countries
  - United Kingdom

CTTE Specifics

The technology Transfer must be:

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

- Engineering/manufacturing processes improved.

- Cost savings in product engineering/manufacturing.

Examples

1) **A compression algorithm with adequate adaptation/enhancement is used in wireless communication for medical purposes.**

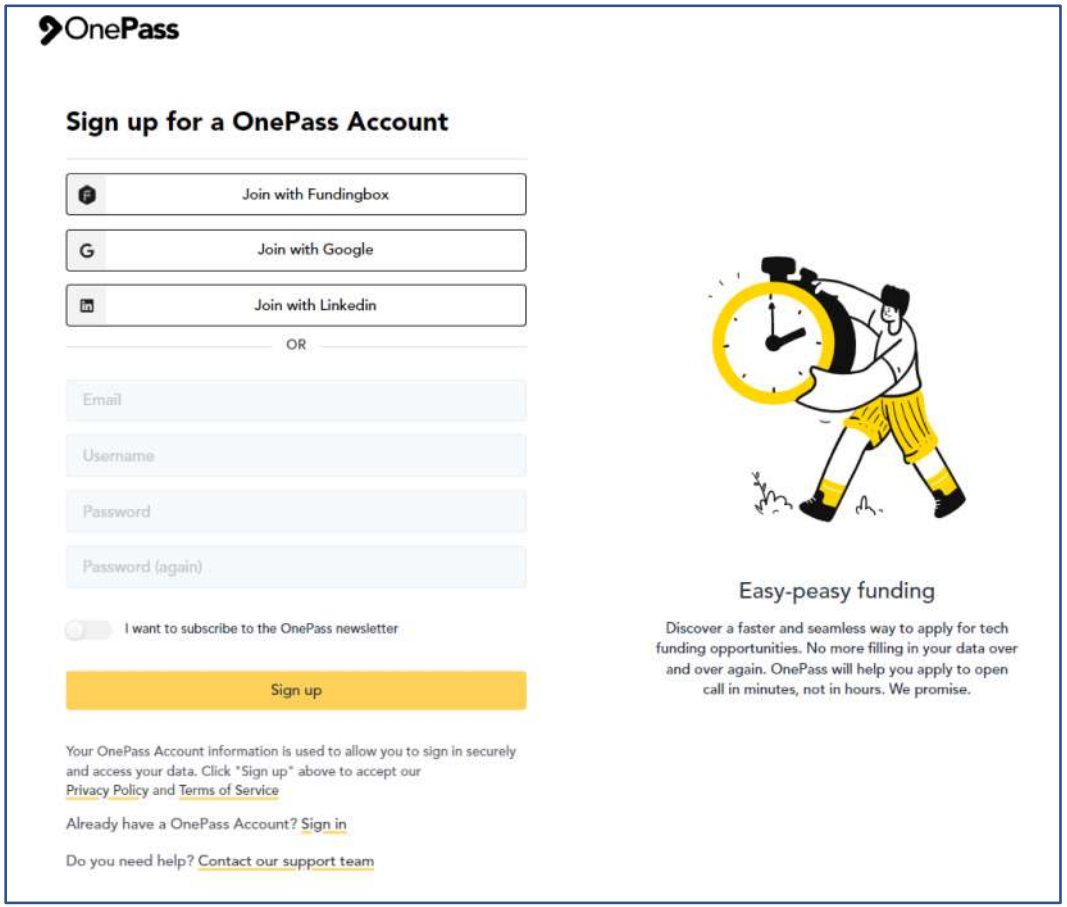
2) **A hardware accelerator is integrated and used in surveillance or medical or ambient assisted living environments purposes.**

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

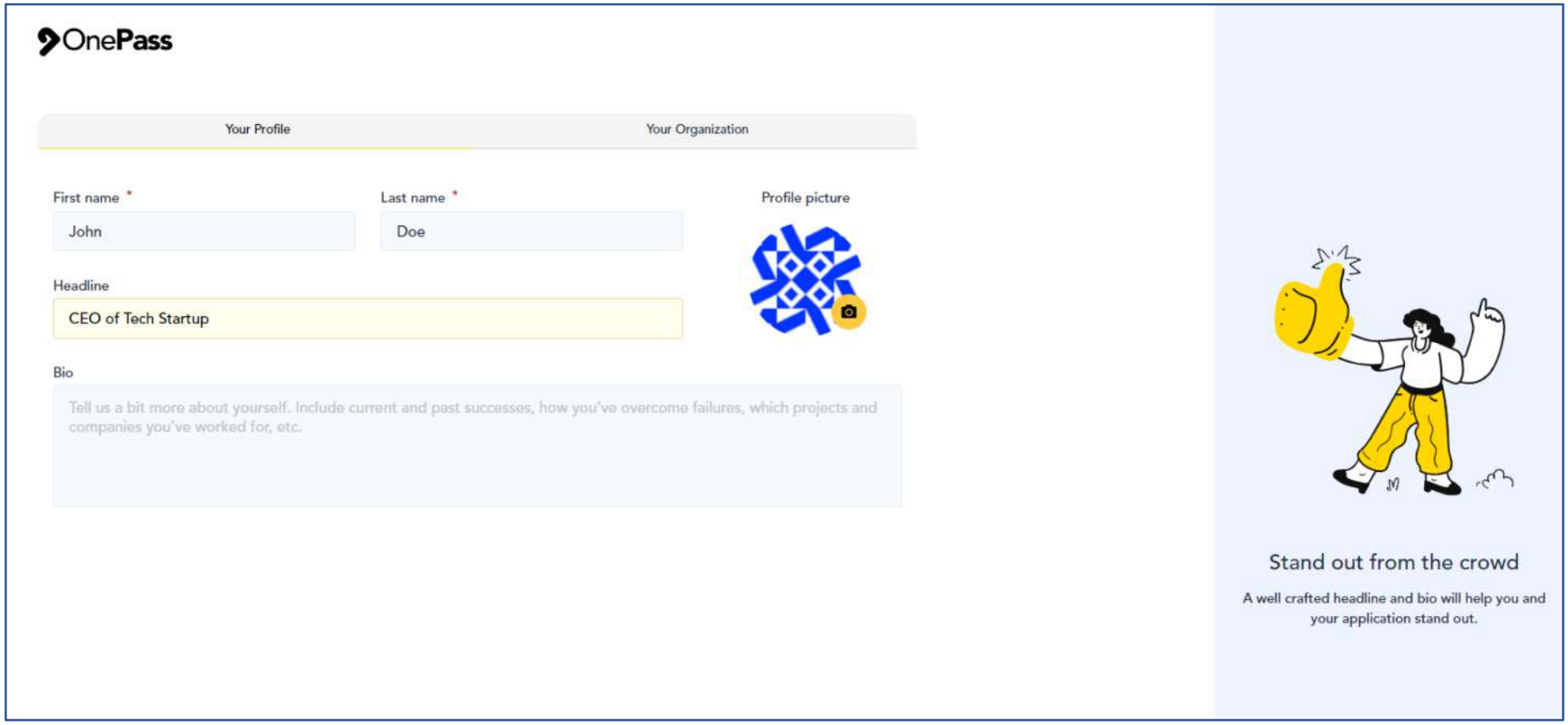
How to Apply?

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

OnePass – create an account



Step 1 of 2 of the onboarding wizard – your profile



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

OnePass

Your Profile | Your Organization

Organization name *
AI Tech

Your logo

Contact email *
john.doe@aitech.com

Website
www.test.com

Country *
Spain

Industries
Artificial Intelligence × Internet of Things ×

Have you incorporated a legal entity? *
Yes

Company type *
SME

Legal formation *
SSL

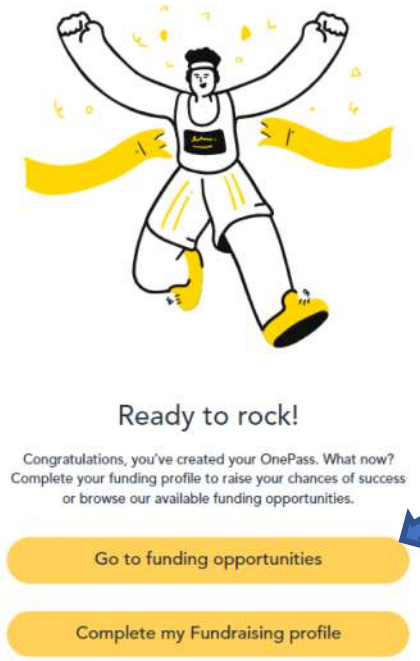
What funding opportunities are you interested in?
☑ Public Funding ☐ Private Funding

Finish

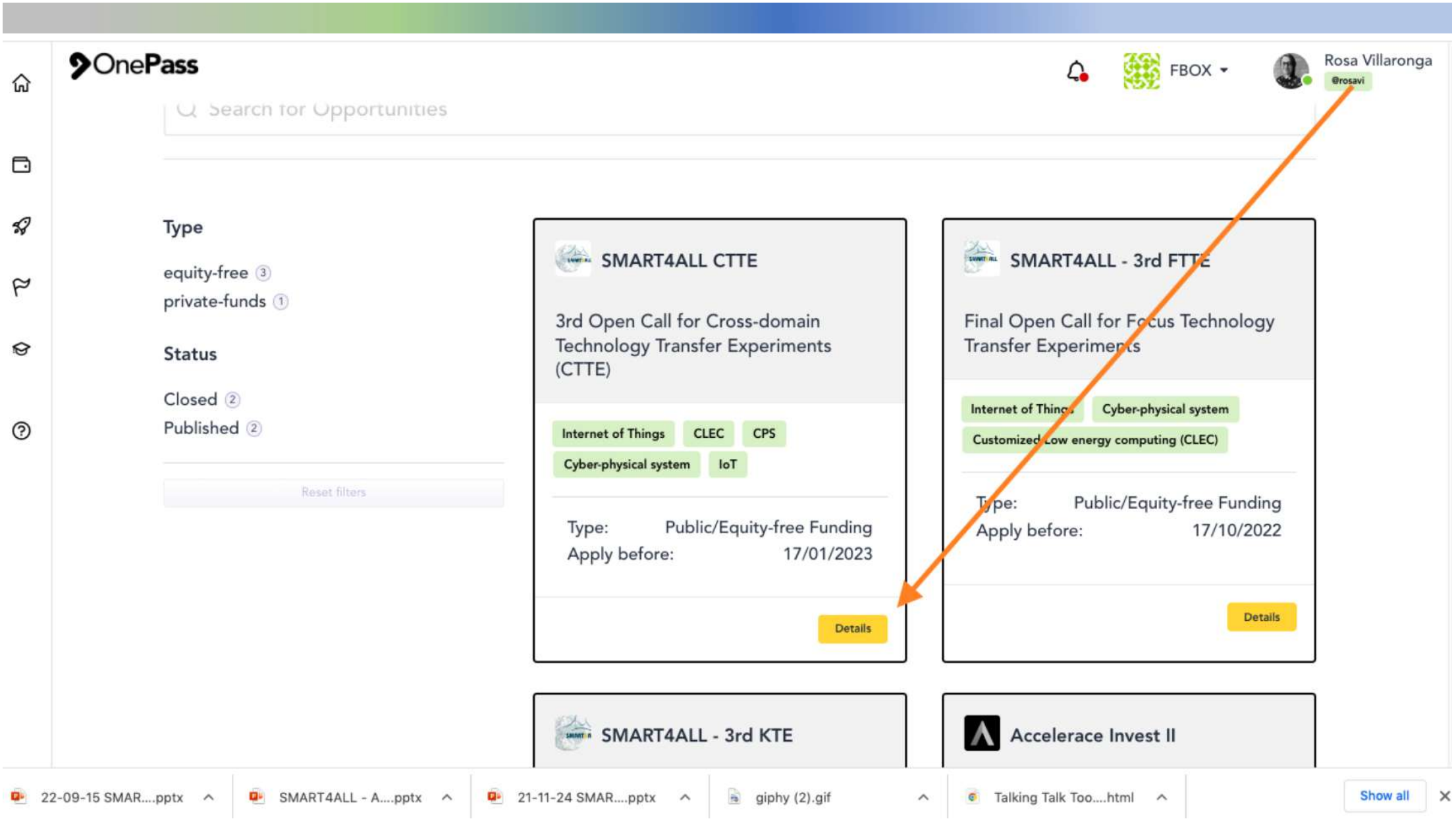
Tell us a little about your organization

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

End of onboarding wizard – Go to funding opportunities



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


OnePass
FBOX
Rosa Villaronga
@rosavi
Search for Opportunities
Type
equity-free 3
private-funds 1
Status
Closed 2
Published 2
Reset filters
SMART4ALL CTTE
3rd Open Call for Cross-domain Technology Transfer Experiments (CTTE)
Internet of Things
CLEC
CPS
Cyber-physical system
IoT
Type: Public/Equity-free Funding
Apply before: 17/01/2023
Details
SMART4ALL - 3rd FTTE
Final Open Call for Focus Technology Transfer Experiments
Internet of Things
Cyber-physical system
Customized Low energy computing (CLEC)
Type: Public/Equity-free Funding
Apply before: 17/10/2022
Details
SMART4ALL - 3rd KTE
Accelerace Invest II
22-09-15 SMAR....pptx
SMART4ALL - A....pptx
21-11-24 SMAR....pptx
giphy (2).gif
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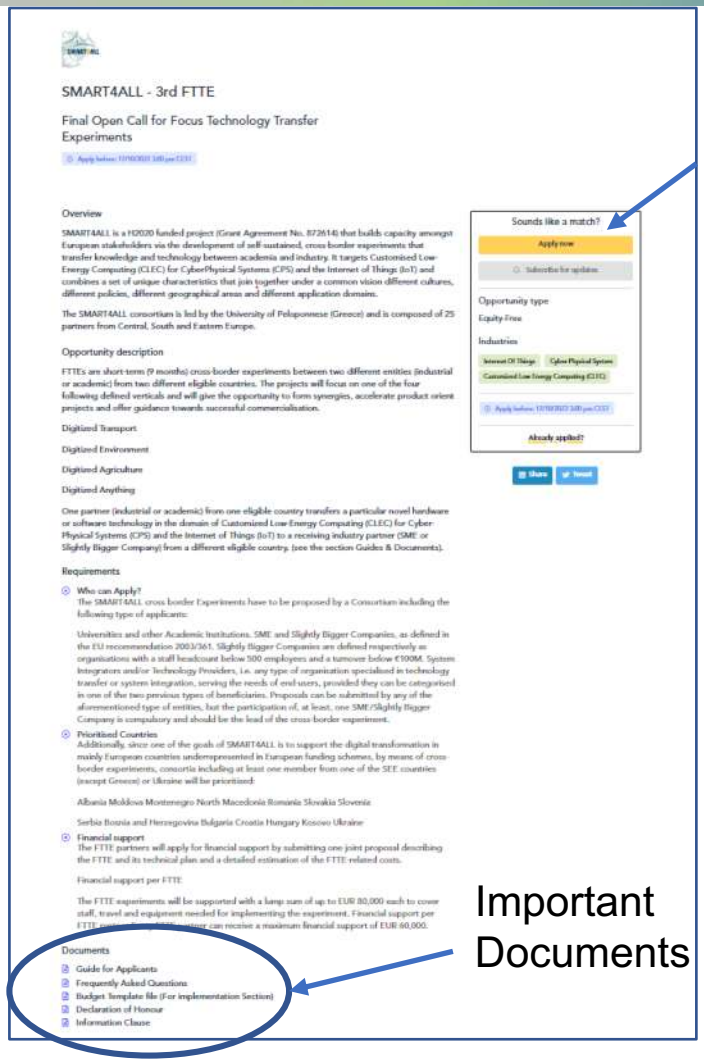
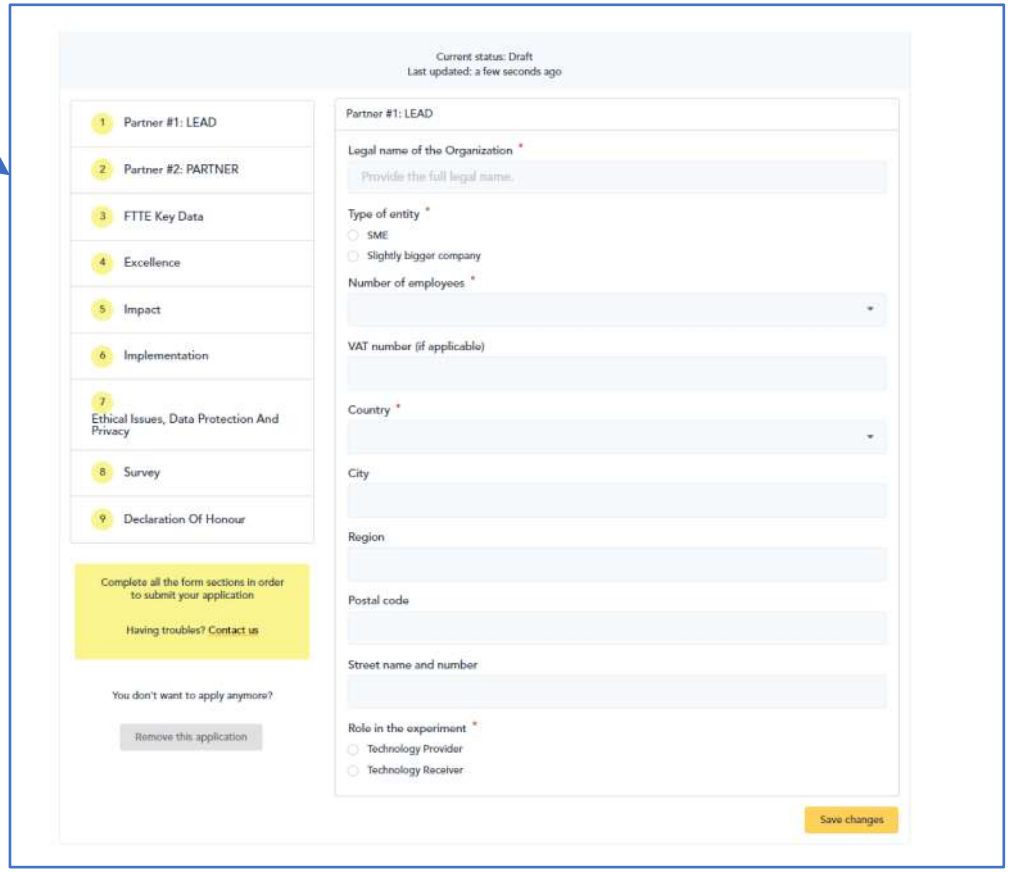
Show all

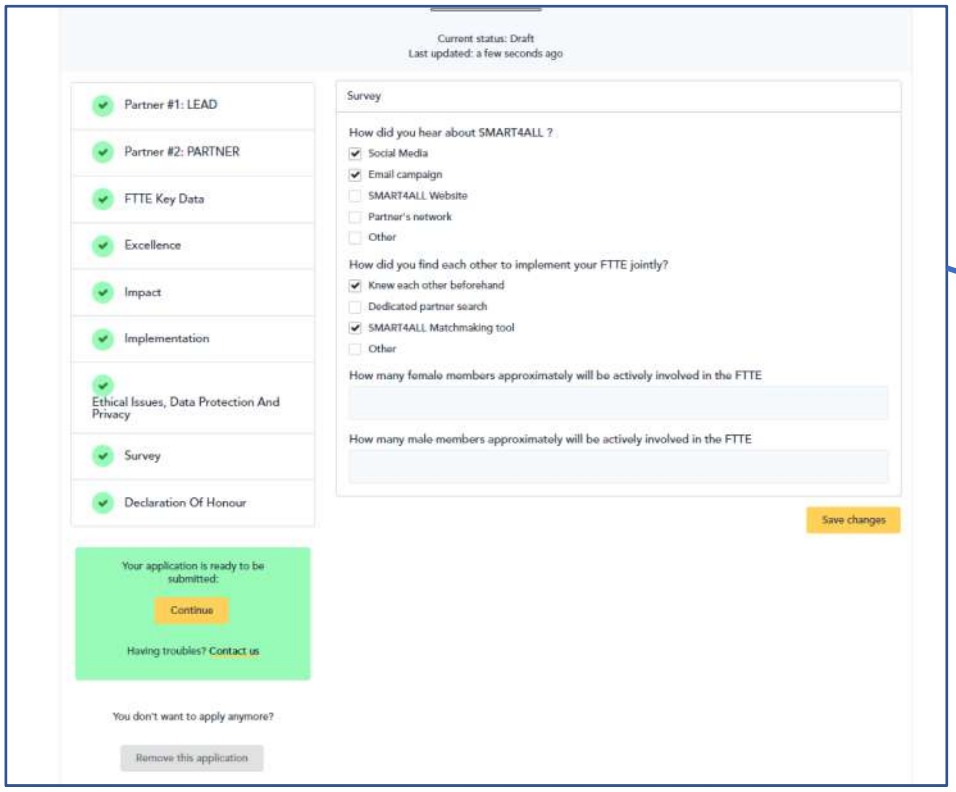


Apply

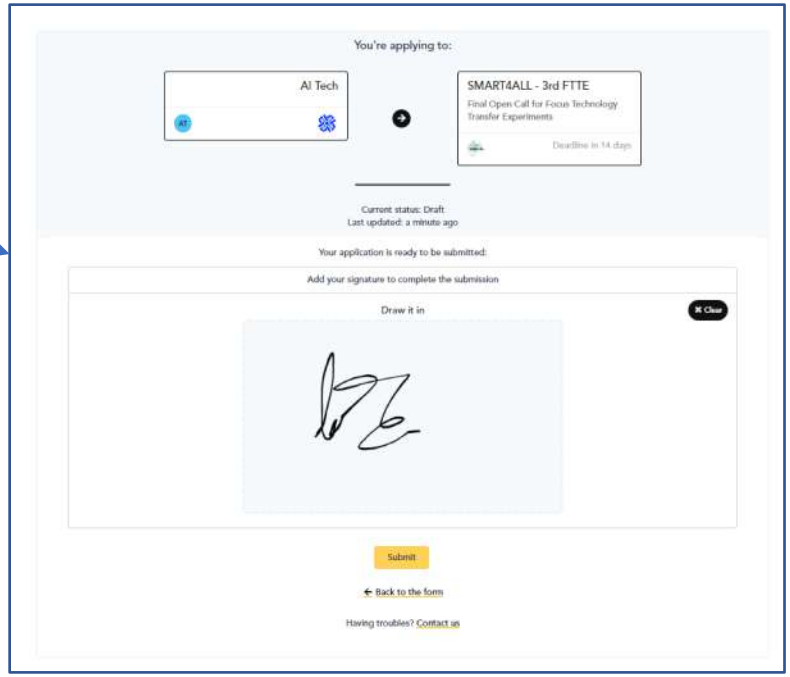
Important Documents



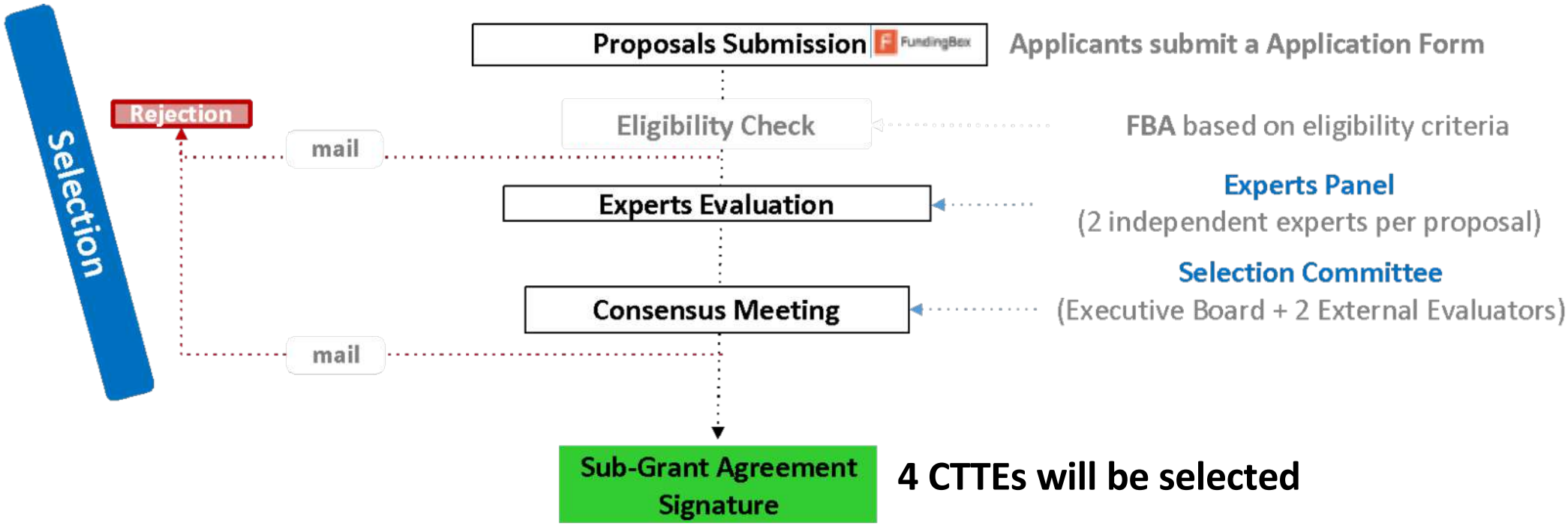
Complete all fields in the application form



Sign and submit



Selection Process Overview



Evaluation Criteria – CTTE

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

Evaluation Criteria continued

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

Scoring and Prioritised countries

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

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

Financial Support

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

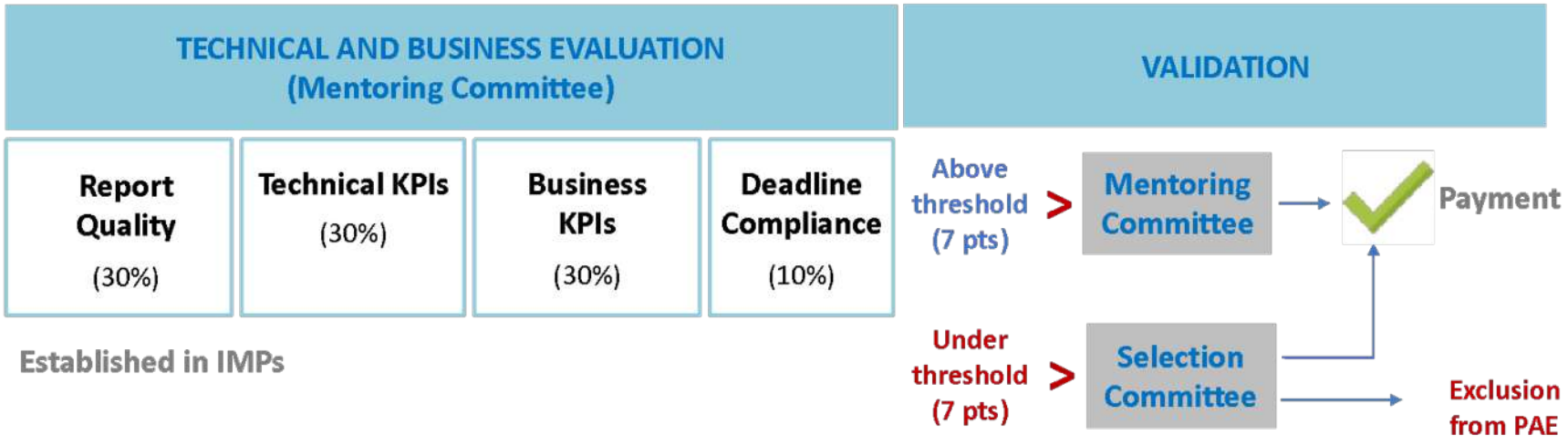
Note: Financial Support will be paid as a **lump sum** to the **each partner individually.**

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

Payment Arrangements – CTTE

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

Interim & Final Review Milestones



Open Calls Schedule

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

Help and support

How to apply?

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

Helpdesks

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

Q&A Session

Questions from you..