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 6.11

Open Call Evaluation Report 2

Dissemination Level	**Public**
Due Date of Deliverable	**December 2020, Project Month 12**
Actual Submission Date	**14/1/2021**
Work Package	**WP6 Management of Pathfinder Application Experiments**
Task	
Lead Beneficiary	**FBA**
Contributing beneficiaries	**UoP, AVN**
Type	**R**
Status	**Final**
Version	**02/E**

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

History and Contributors

Ver	Date	Description	Contributors
00	26/02/2020	Document structure	FundingBox
01	07/01/2021	First Draft	FundingBox, PSP (Reviewed by UoP, BTU)
02/E	14/01/2021	Final Version	FundingBox

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

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1. Introduction to FTTE 1st Open Call

1.1. SMART4ALL Programme and Open Calls Overview

SMART4ALL builds capacity amongst European stakeholders via the development of selfsustained, cross-border experiments that transfer knowledge and technology between academia and industry. It targets CLEC CPS and the 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. SMART4ALL brings a new paradigm for revealing “hidden innovation treasures” from SEE and helping them to find the path to market via new, innovative commercial products.

SMART4ALL has designed special Pathfinder Application Experiments (PAEs) for supporting the enhancement of the digital skills of European citizens. More specifically, it provides: • 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.

This open call was for the first for the **Focused Technology Transfer Experiments (FTTE):** , 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 commercialization.. For this funding instrument, SMART4ALL will select up to **12** cross-border projects. They are short-term (6-9 months) PAEs between two different entities from two different EU Countries: one Academic and one Industrial or two industrials. Within these type of experiments, one party transfers to the receiving partner a specific Hardware (HW) or Software (SW) technology in order to enable improved product or processes. In total there will be **three** competitive FTTE open calls, with up to **4** consortia selected in each one. The verticals to be addressed are Digitized Agriculture, Digitized Transport, Digitized Environment, Digitized Anything.

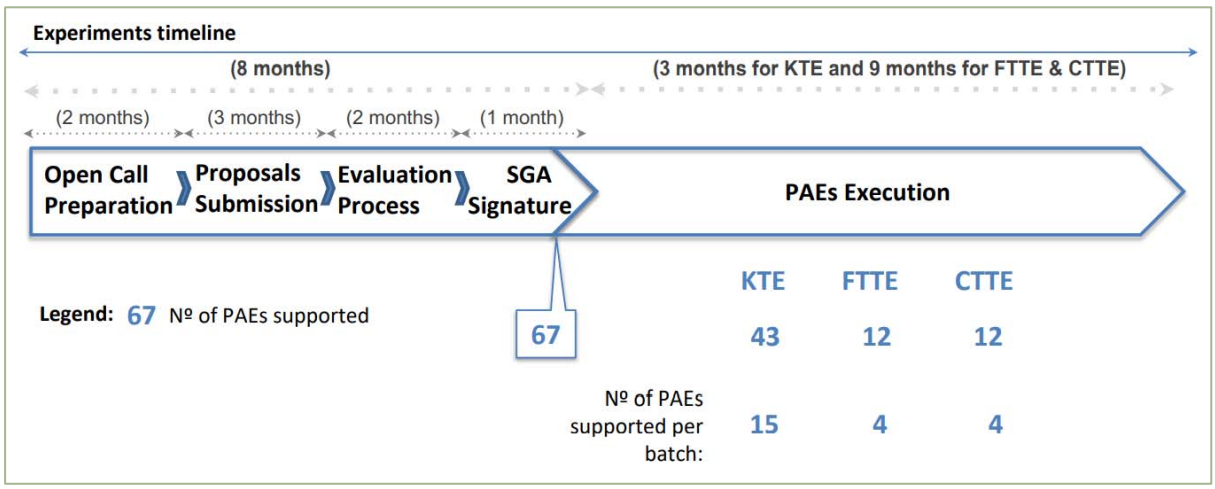


Figure 1 Open Calls Programme

1.2. Open Call Statistics

The first FTTE Open Call was managed by FBOX platform (https://smart4all-ftte.fundingbox.com) and received 99 applications in total (148 remained in Draft).

The open call was open for applications from June 30th to September 30th.2020. All of the 99 submitted applications were received in the last 2 weeks of the open call with 60% of the submitted applications received in the last 2 days.

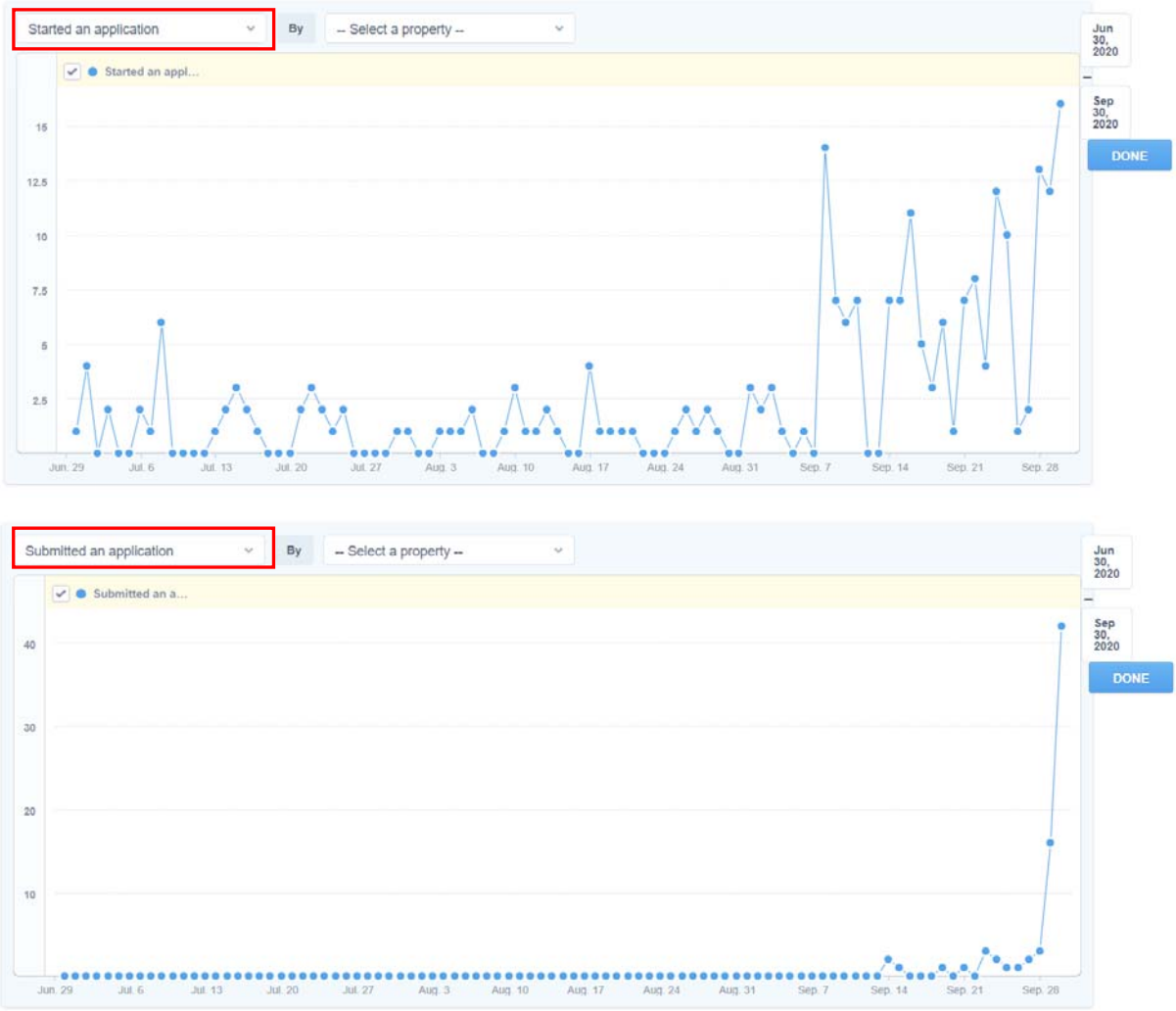


Figure 2 - Application Monitoring from June 30th to Sept 30th, 2020 (Started vs Submitted)

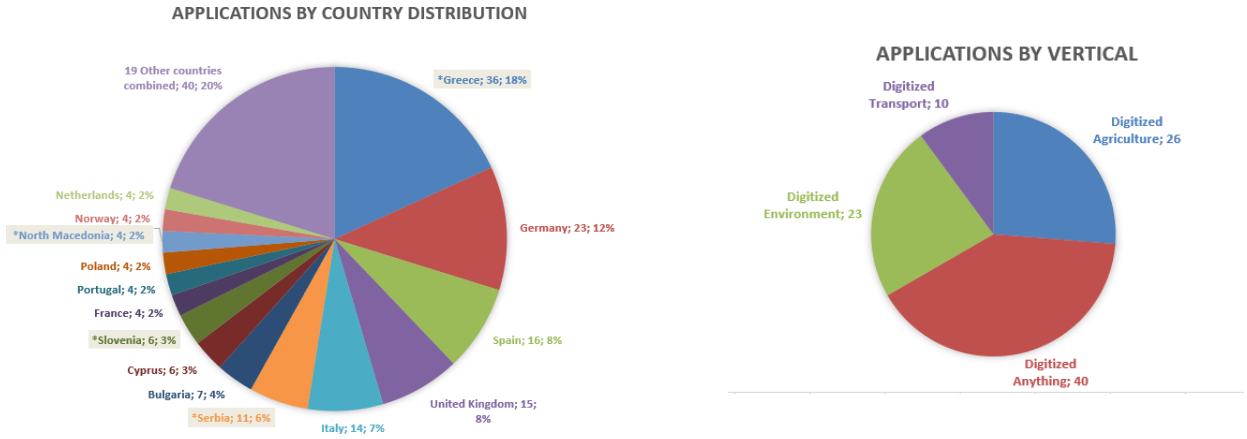


*Figure 3 – Distribution of countries from all applications (partner countries combined) and Applications received for each vertical. *SEE countries.*

*Figure 4 - Distribution of countries from **selected** applicants (partner countries combined) and verticals of the selected applicants.*

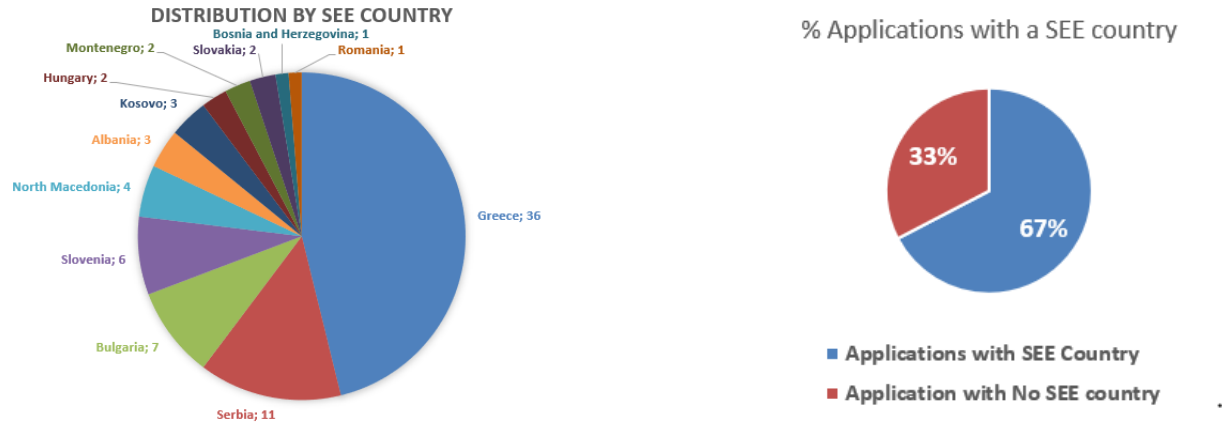


Figure 5 - Distribution of SEE countries and percentage of applications received with at least one SEE partner.

Table 1 - Results of Statistical Questions from all applicants (these questions were asked in the application form).

Question	Submitted in Number - Total Applicants (Out of 97)	Winners in Number (Out of 4)
How did you hear about SMART4ALL?		
- By word of mouth	- 8	
- Newsletter	- 10	
- Partners Network	- 32	- 1
- SMART4ALL Website	- 15	- 2
- Social Media	- 10	- 1
- Internet Search	- 10	
- E-mail campaign	- 9	
- Other	- 3	
Is/are any organisation(s) involved in your FTTE completely new in EU projects?		
- No	- 78	- 4
- Yes	- 19	
Have you submitted a proposal to any other SMART4ALL call?		
- No	- 92	- 4
- Yes	- 5	
How did you find each other to implement your FTTE jointly?		
- At a brokerage event	- 3	
- By a dedicated search for a suitable partner	- 20	
- Knew each other beforehand	- 67	- 4
- Via an online brokerage platform	- 1	
- Other	- 6	
***Types of Customers: Which types of customers will use the product or service of the FTTE?**		
- Consumer	- 44	- 2
- Business	- 81	- 4
- Government	- 38	- 1
- Indifferent	- 5	
- Other	- 12	
***Geographical scope: Select the targeted geographical area for the proposed internship**		
- Regional	- 25	- 1
- National	- 32	- 2
- Europe	- 54	- 3
- International	- 82	- 4
- Other European Areas	- 9	- 2

*Note: The applicant could select more than one option, so for these 2 questions, each answer is out of 97 (for total Applicants) or out of 4 (for winners). For all other questions, only one option could be chosen.

1.3. Open Call Dissemination

FBA defines the strategy to promote the open calls and coordinates it with project partners. UoP and PSP oversaw the coordination of the on-line/off-line dissemination of the calls, but all partners contributed through their dissemination channels.

1.3.1. Social Media and Press Releases

Online dissemination through SMART4ALL Channels as reported in D2.4

The press release prepared for the FTTE, was published through the website of the project (https://smart4all-project.eu/) and the project's social media pages (LinkedIn: https://www.linkedin.com/groups/12369183/, Facebook: https://www.facebook.com/SMART4ALL.Project/, Twitter: https://twitter.com/Smart_4All).. The total reach of these posts to the general public through the SMART4ALL social media pages was estimated to be about 2500 people (Facebook), 2000 people (Twitter) and 300 people (LinkedIn).

Moreover, the SAE (Smart Anything Everywhere) Cluster (https://smartanythingeverywhere.eu/), the HiPEAC (High Performance Embedded Architecture and Compilation) Network (https://www.hipeac.net/) and DIHNET (Digital Innovation Hub Networks) community (https://dihnet-community-1.fundingbox.com/) were notified for announcing & publishing the press release via their dissemination channels as well.

Dissemination through partners networks and regional ecosystems as reported in D2.4

The press release was translated in many languages and was published in partner's websites and social media and further distributed through PSP Network to SMEs and media. The press release was also sent by PSP to all partners who were asked to disseminate further to their regional ecosystems either in English or to similarly translate and circulate it in their local languages. As reported in D2.4 an estimation of the different target groups reached during the dissemination of the 1st FTTE press release. Similarly to the KTE call, FTTE press release targeted mainly the industry, research and then a broader audience including local and regional public authorities, NGOs, new innovation agents and business support organizations.

The following dissemination actions were carried out by FundingBox:

Table 2 - List of **Social Media** Actions and results

Topic	Partner responsible	Date	Type	Publishing entity	Title/Headline	Followers / Audience	Impressions / Reach	Clicks / Registered	Engagements / Attendees
1st FTTE OC	FBA	14/07/2020	Email - newsletter	FundingBox			17,523 sends (4,888 unique opens)	196	
1st FTTE OC	FBA	18/09/2020	Email - newsletter	FundingBox			18,096 sends (3,936 unique opens)	399	
1st FTTE OC	FBA	29/10/2020	Social media - Facebook	FundingBox		4506			
1st FTTE OC	FBA	29/10/2020	Social media - Twitter	FundingBox		3340			
1st FTTE OC	FBA	29/10/2020	Social media - LinkedIn	FundingBox		3817			
1st FTTE OC	FBA	03/12/2020	Community content	FundingBox - SMART4ALL	1st FTTE OC winners announcement				
1st FTTE OC	FBA	03/12/2020	Social media - Facebook	FundingBox	1st FTTE OC winners announcement	4515			
1st FTTE OC	FBA	03/12/2020	Social media - Twitter	FundingBox	1st FTTE OC winners announcement	3346			
1st FTTE OC	FBA	03/12/2020	Social media - LinkedIn	FundingBox	1st FTTE OC winners announcement	3994			

Table 3 - List of **Press Release** Articles

Press Release	Partner	Date	Media	Title/Headline	Reach
1st FTTE Open Call	FundingBox	07/06/2020	FundingBox Community - SMART4ALL community	SMART4ALL starts the 1st Open Call on Focused Technology Transfer Experiments	33 views
Webinar on Open Calls (June 24th & July 1st 2020)	FundingBox	08/06/2020	FundingBox Community - SMART4ALL community	SMART4ALL will participate in the MECO'2020 and CPS&IoT'2020	25 views

1.3.2. Webinars

There were 2 webinars and one conference event carried out on the following days where the SMART4ALL project and open calls were presented.

- Webinar 1: 24th June 2020
- Webinar 2: 1st July 2020
- DSD SEAA'2020 Conference Event: 28th August 2020
- IEEE SPA 2020: 25th September 2020

1.4. Help Desk

As stated in the Guide for Applicants, FBA put in place a Help Desk in an area in the FundingBox Community Spaces[1]. All the applicants and potential applicants -previously registered in the FundingBox platform- were able to make all the necessary enquiries for their proposal drafting and thanks to this centralised area, the enquiries were solved in a very short time.

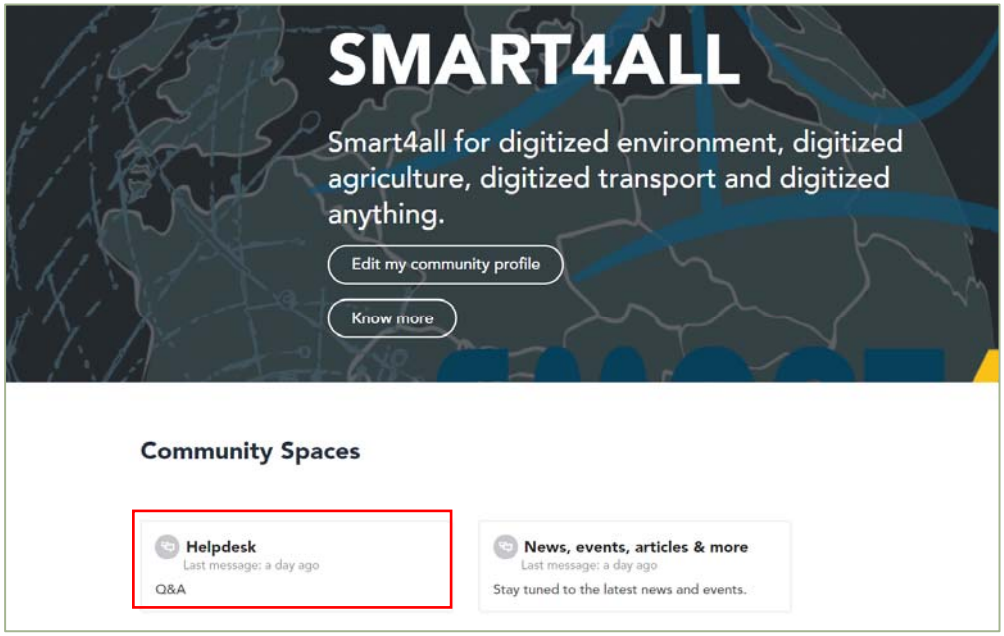


Figure 6 - Smart4All Helpdesk in FundingBox Spaces

[1] https://spaces.fundingbox.com/c/smart4all-1

2. Overall Summary of Selection Process

The following diagram shows the overall selection process which was followed.

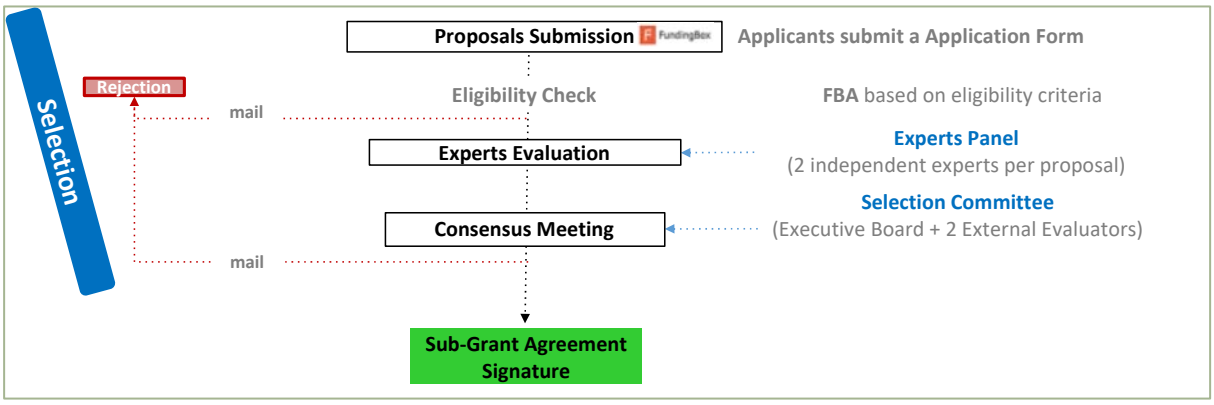


Figure 7 - Selection process

2.1. Eligibility Check

All applications had to comply with all the ELIGIBILITY CRITERIA, as detailed in Section 3 of the Guide for Applicants "Eligibility criteria". They also needed to be submitted through the online form https://smart4all-ftte.fundingbox.com. Proposals submitted by any other means, were not be considered for evaluation.
The applications had to be submitted before the closing time and date of the contest round, September 30th, 2020, 18:00 CEST. The time recorded during the submission processed through https://smart4all-ftte.fundingbox.com, was taken as the official time of submission.
99 proposals submitted on time were taken into account for further evaluation (See details in Annex 1).

Two of the proposals, submitted by the same user (Username: Medalbinstitut) were rejected because the lead partner did not have an Industrial partner status.

2.2. Experts Evaluation

All applications having successfully passed the eligibility check were evaluated by 2 independent external evaluators with expertise in with wide expertise in CLEC, CPS and/or IoT. The pool of experts was provided by the consortium partners.

2.2.1. FTTE Evaluators

The process to appoint the new evaluators was as follows:

The partners proposed the pool of SMART4ALL experts according to the expertise and background meeting the requirements of the programme.

All the external experts who confirmed their interest were sent a Guide for Evaluators and the Code of Conduct document in relation to a conflict of interest. The external evaluator contract was prepared and signed by FundingBox (Annex 2). The contract was then sent to the evaluator who also had to sign it and upload to the FundingBox platform. Once the contract was uploaded, the proposals were assigned to the evaluators via the FundingBox platform.

9 external evaluators were selected based on the number of proposals received. The criteria of geographical distribution, gender balance and profile expertise were considered as much as possible when selecting evaluators. Following the 3 weeks given for the evaluation process, 2 of the evaluators confirmed that they did not have the skills required to complete the evaluations and their proposals were reassigned to the other evaluators. Each evaluator had around 30 proposals to evaluate depending on their availability.

Table 4 - List of External Evaluators.

EXTERNAL EVALUATORS			
Name	Country	Gender	Linkedin Profile
Alessandra Baccigotti	Italy	Female	https://www.linkedin.com/in/alessandra-baccigotti-ab637499/
Marco de la Feld	Italy	Male	https://www.linkedin.com/in/marco-de-la-feld-7a04694/
Nuria Garcia	Spain	Female	
Panagiota Tsarouchi	Greece	Female	https://www.linkedin.com/in/panagiota-tsarouchi-043b433a/
Daniele Miorandi	Italy	Male	https://www.linkedin.com/in/dmiorandi/
Azir Aliu	North Macedonia	Male	https://www.linkedin.com/in/azir-aliu/
Orgesi Cico	Norway	Male	https://www.linkedin.com/in/orges-cico-b5359020/

2.2.2. Experts Evaluations

In the Open Call, the experts evaluated the proposals based on the following criteria: Excellence, Impact and Implementation Criteria (explained in Guide for Applicants, GfA, Section 4.2).

(1). EXCELLENCE:

- **Ambition:** The applicants had to demonstrate to what extent that proposed FTTE 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 had to 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 had to 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) had to be clearly described and justified.

(2). IMPACT:

- **Benefits of the collaboration**: To what extent the collaboration between the partners would benefit each of them, in terms of technical and/or business/market expectations, and to what extent this particular collaboration would lead to a successful experiment and high economic impact.
- **Market opportunity:** The applicants had 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 had to provide information about the degree of competition for their 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 had to demonstrate the level of scalability of the new/improved product meaning that the solution should not just address a specific problem but be able to be commercialised to solve a structural problem in a specific sector/process/etc., using convincing business model and business projections.

(3). IMPLEMENTATION:

- **Work plan**: The workplan of the experiment had to be clearly described and fully aligned with the objectives, including Work packages, tasks and responsible partners. The time plan had to be realistic and achievable, coherent and effective.
- **Team:** The promotors had 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 understand the dynamics of the market they are trying to tap into. The team had to be balanced and cross-functional, with a strong background and skills base.
- **Resources**: They had to demonstrate the quality and effectiveness of the resources assigned in order to get the objectives/deliverables proposed.

The evaluation of the applications was done on-line using FundingBox platform. The Platform provides an evaluation panel for evaluators, where evaluators can easily and remotely evaluate the proposals. A specific evaluation form was created as shown in Annex 3.

The PROCESS for the expert evaluation was as follows:

- Firstly, the proposals were assigned to the evaluators using the FundingBox platform. Around 30 proposals were assigned to each evaluator.
- Once the allocation was done, each evaluator received an invitation to directly access, the dashboard to evaluate their proposals.
- Experts started to evaluate the proposals. The time slot assigned to external evaluators for this phase was from October 5th to 26th, 2020, however, this had to be extended to November 5th because of 2 of the evaluators dropping out on October 26th, so their proposals (48 in total) had to be re-assigned to the other evaluators.

Regarding the scoring of the proposals: the experts scored each criterion from 0 to 5[2]. The threshold for individual criteria was 3. The overall threshold, applying to the sum of the three individual scores, was 10. In addition, applicants including at least 1 member of the SEE (South Eastern Europe) region in their consortium were given 1 extra point to the overall score (obtained by adding the three individual criteria). In addition, proposals addressing current and future problems stemming from the COVID-19 crisis were given 1 extra point to the overall score.

Each of the proposals was reviewed by 2 external evaluators. The final scoring for all proposals in Excellence, Impact and Implementation Criteria was the average of the evaluators' individual scores. The total score for each proposal was calculated as the weighted sum of the above-mentioned averages plus an additional point for having a covid solution and/or being a member of SEE country. i.e.:

Total score = (Excellence score) + (Impact score) + (Implementation score) + 1 COVID-19 Score + 1 SEE Score

Maximum total score was 17 points.

Ties were to be solved using the following criteria, in order:

- Number of partners from a SEE country in the consortium
- Impact score
- Implementation score
- Date of submission

2.2.3. Experts Evaluation Results

An **Evaluation Report** was created by FBA, with a ranking of all the proposals according to their scores and highlighting the scores below the individual or overall thresholds.

The following is the ranking report showing the top 10 ranked proposals which was discussed during the consensus meeting. (All proposals can be found in Annex 1).

Table 5- Ranking report showing the top 10 following experts' evaluation.

Project Acronym	Country 1	Country2	Vertical	Average Excellence	Average Impact	Average Implemenation	Covid Score	SEE Score	Total Score	RANKING
EDIoT	Greece	United Kingdom	Digitized Environment	4,5	5	4,5	1	1	16,0	1
AERIALS	Greece	Germany	Digitized Agriculture	4,5	4,5	4,5	1	1	15,5	2
CHeCHo	Greece	Serbia	Digitized Anything	4,5	4,5	4,5	1	1	15,5	3
SMartY	Greece	United Kingdom	Digitized Anything	4,5	4	4,5	1	1	15,0	4
EmBRACE	Greece	Germany	Digitized Anything	4	4	4,5	1	1	14,5	5
MEMFISH	Greece	United Kingdom	Digitized Anything	3,5	4,5	5	0	1	14,0	6
ForAgri5G	Italy	Slovenia	Digitized Agriculture	4	4	4	1	1	14,0	7
Areo	Germany	Greece	Digitized Agriculture	4,5	4	3,5	1	1	14,0	8
APIARY	Greece	Bulgaria	Digitized Agriculture	4	4	4	1	1	14,0	9
iOREGANO	Greece	Lithuania	Digitized Agriculture	4,5	4	4,5	0	1	14,0	10

Note: The countries marked in green are SEE countries.

[2] Scoring values:

- **0 Fail**. Proposal fails to address the criterion or cannot be assessed due to missing or incomplete information
- **1 Poor.** Criterion is inadequately addressed or there are serious inherent weaknesses
- **2 Fair.** Proposal broadly addresses the criterion, but there are significant weaknesses
- **3 Good.** Proposal addresses the criterion well, but a number of shortcomings are present
- **4 Very good.** Proposal addresses the criterion very well, but a small number of shortcomings are present
- **5 Excellent.** Proposal successfully addresses all relevant aspects of the criterion. Any shortcomings are minor.

2.3. Consensus Meeting

The 'Evaluation Committee' met at the online Consensus Meeting held on November 16th, 2020. The goal of the meeting was to decide, by consensus or majority, on the proposals to be selected for funding.

The 'Evaluation Committee' was composed of the 7 Executive Board (EB) members plus 3 external evaluators. The list of attendees and the minutes from the meeting can be found in Annex 4.

The final result was that the top 4 proposals were accepted, and all remaining 93 proposals were to be rejected.

Conflict of Interest with project CheCHo

During the legal check of the selected consortia, following the consensus meeting, it was discovered that the Project name CheCHo was submitted by a consortium where one of the consortium partners belonged to the same university as one of the SMART4ALL consortium partners (Faculty of Technical Sciences, University of Novi Sad, Serbia). The Guide for Applicants clearly states that no partners of the SMART4ALL consortium can apply to any of the Open Calls. This is extensive to any entity or person having any kind of societally, labour or commercial relationship with one of the partners. Therefore, project CHeCHo had to be rejected from the selected proposals and the project ranked in 5th place (EmBRACE) was selected. This decision was agreed by all in the Executive Committee.

The following is the table showing the results of the list of beneficiaries.

Table 6 - List of Beneficiaries

Rank	Project Name	Partner 1 Country	Partner 2 Country	Vertical	Total Evaluation Score
1	EDIoT	Greece	United Kingdom	Digitized Environment	16.0
2	AERIALS	Greece	Germany	Digitized Agriculture	15.5
~~*3~~	~~CheCHo~~	~~Greece~~	~~Serbia~~	~~Digitized Anything~~	~~15.5~~
4	SMartY	Greece	United Kingdom	Digitized Anything	15.0
5	EmBRACE	Greece	Germany	Digitized Anything	14.5

*CheCho project was rejected for COI as explained in section above.

2.4. Ethics Assessment

The selected proposals followed an Ethics assessment according to the Ethics requirements set out in D8.4 (M6). The results are presented in Annex 6 and will also be presented in D8.5 (M48). In summary, the SMART4ALL ethics expert performed the required Ethics Screening

and Assessment procedures to the selected proposals and found no significant ethics issues to reject any of them, however in two out of the four, they did identify specific issues that the consortium must take into consideration and address appropriately with the help of the Ethics Coach.

2.5. Communication to Applicants

After the eligibility check, the applicant who was not eligible was informed by email by FBA stating the reason why did not pass the eligibility criteria. Only two of the proposals submitted by the same user (username: Medalbinstitut, with no project acronyms given) were rejected because the lead partner did not have SME/Industrial partner status.

After the Consensus Meeting was closed, the following communications were carried out by FBA:

- The contact persons of the selected proposals were informed by email of their selection with Coordinator and Sub-coordinator in copy who would follow up on the next steps with the teams.
- The contact persons of the rejected proposals were informed by email of their rejection, including the comments made on the FundingBox platform by each evaluator, per evaluation criterion and overall.

2.6. Appeal

Following the communication of the results to the applicants, a formal appeal was received from the consortium named Areo. The reason for their appeal was the following "*We would like to stress that the comments of evaluator #1 are unfair, incompatible with the description of our proposal and the nature of the SMART4ALL 1st Open Call for FTTE itself".* See their full appeal letter in Annex 5.

Areo was ranked in 8th place overall with a total score of 14,0. A meeting of the executive board was called and took place on the 7th of December 2020. The evaluator Marco De La Feld was also invited to the meeting as he was evaluator #1. During the meeting, the team went through each of the issues raised in the appeal letter and Marco explained the reason for his comments. It was agreed that Marco would elaborate further on his comments and these would be added in the response sent to the consortium Areo. See the response in Annex 5.

3. Conclusions

- **Origin of Proposals:** A large majority of the proposals included one Greek partner. Of the proposals in the ranked top 10, all but one proposal had a Greek partner. As a consequence, the SMART4ALL consortium partners have agreed on the following actions.
    - Larger dissemination and support to the partners from SEE.
    - Larger involvement of the local SMART4ALL partners.
    - Bigger support on the matchmaking for cross-border relationships.

- **Selection of Evaluators:** There was a low number of evaluators to choose from and a low quality of evaluations from some, including a poor level of English. The following are the proposed actions:
    - Implement an open process for selection, using the FundingBox open call for evaluators. https://evaluators.fundingbox.com
    - The selection of evaluators for the next open calls will include the following required criteria:
        - Proven expertise.
        - Good level of English.
        - Balance in gender and country selection.

Annex 1 – Proposals Received

Note: Rows highlighted in red are ineligible proposals. Those highlighted in green are the funded proposals.

	Project Acronym	Project Title	Partner 1 Name	Country 1	Partner 2 Name	Country 2	Project Tagline	Vertical
1	WRIO	Web 3.0 IoT Platform	WRIO Ltd	United Kingdom	Technische Universität Chemnitz	Germany	Develop an open-source, decentralized and secure Facebook for smart devices and sensors.	Digitized Anything
2	e-Delivery	Smart Delivery System For the Food industry	Alpine Intuition Sarl	Switzerland	3em group - North Macedonia	North Macedonia	A delivery system with an automated scheduling and transport system.	Digitized Transport
3	VR-TIP	VR Training for Intubation Practice	Quanta & Qualia	Greece	NUID UCD	Ireland	Medical training anywhere, anytime.	Digitized Anything
4	ASSES	Autonomous Surveyor System for Elevator Shafts	VERTLINER SINGLE MEMBER PRIVATE COMPANY	Greece	Technische Hochschule Deggendorf	Germany	Addressing automation adoption in the construction industry by means of 5G autonomous drones in the cloud through elevator shaft experiments	Digitized Environment
5	FarmCloud	A scalable digitized agriculture platform based on low energy IoT	Mnogo Ltd	Cyprus	Sofia University	Bulgaria	End to end solution for digitized agriculture based on real time IoT control, monitoring and data analysis	Digitized Agriculture
6	ViralCard	Home virus detection system	Pregenerate GmbH	Austria	Fraunhofer Gesellschaft	Germany	Affordable virus detection diagnostic microfluidic affinity bioassay using integrated micro battery, electronics and telemedicine connection	Digitized Anything
7	WatU4cast	Water forecast for Water Utilities	MobyGIS Srl	Italy	Global Omnium Idrica SLU	Spain	WatU4cast helps Water Utilities to predict water abstraction in order to optimize water use	Digitized Environment
8	PRO-PLAN	Real-Time IoT-Enabled Production Planning under Uncertainty	Octavic PTS S.R.L	Romania	Technical University of Denmark	Denmark	PRO-PLAN transfers algorithms from DTU to OCT to enable production planning under uncertainty, increasing output and reducing waste.	Digitized Anything
9	IoTCovkit	A plug-and-play covid spread risk assesement toolkit	Yodiwo SA	Greece	IoTNET	Bulgaria	A plug-and-play kit that generates an index corresponding to the risk of COVID-19 infection, based on various sensor/camera readings.	Digitized Environment
10	IAPS	Intelligent Agri Perception Solution	AMBIMETRICS S.L (AMBI)	Spain	Sundance Multiprocessor Technology Ltd (SUN)	United Kingdom	SUN's AI tech. transferred to improve AMBI's current IOT HW module to be counting in real-time the number of fruits present on trees in-site	Digitized Agriculture
11	EN ROUTE	MOBILISED PHARMACEUTICAL ADDITIVE MANUFACTURING	SplendidAlchemy Unipessoal Lda	Portugal	Centre for Additive Manufacturing	United Kingdom	En Route targets a new, ultra-responsive pharmaceutical manufacturing system based on mobile Additive Manufacturing	Digitized Transport
12	S4A	Safety4All	FORMATION GmbH Workplace Technologies	Germany	SelfLoops Snc.	Italy	Empowering frontline workers health and safety through the combination of sensor-based vitality measuring and location data.	Digitized Environment
13	HiPerAGV	High performance visual guidance for AGVs	Romb Technologies d.o.o.	Croatia	Universita degli studi di Modena e Reggio Emilia	Italy	Harnessing computer vision and a custom approach to embedded hardware to unlock new capabilities in autonomous load handling.	Digitized Transport
14	Smart4Food	Smart fruit crop protection through early pest detection using AI	PULVERIZADORES FEDE SL (FEDE)	Spain	STICHTING WAGENINGEN RESEARCH (WR)	Netherlands	A camera based pest detection system through machine learning will be further developed and implemented for orchard/vineyard sprayers.	Digitized Agriculture
15	E3D	Easy3d	Create Technologies Limited	United Kingdom	Photoneo	Slovakia	Delivering high quality information in order to make better informed decisions	Digitized Environment
16	LECTSFMD	Low energy consumption tracking software for mobile devices	Urbeee GmbH	Germany	Martian & Machine d.o.o.	Croatia	Transfer low battery consumption tracking software for mobile devices from Croatian experts to a German tech startup in last-mile delivery	Digitized Transport
17		ErgoLaevo	Laevo B.V.	Netherlands	Fraunhofer Gesellschaft e.V. (Fraunhofer IPK)	Germany	Real-time Ergonomics Action Recognition for Laevo Passive Exoskeleton	Digitized Anything
18	GYA	GreenYourAir: Air quality monitoring device	Research Institue of Kathikas - RIKA	Cyprus	Militos Consulting S.A.	Greece	The technology developed for an air quality monitoring device is transferred to a Greek company for its commercialisations.	Digitized Environment
19	AI4MES	Artificial Intelligence for a Manufacturing Execution System	IOTAM (ITML)	Cyprus	EPOPTIA G.P. (Epoptia)	Greece	Experiment on integrating AI-enabled predictive analytics to a Manufacturing Execution System (MES)	Digitized Environment
20	Cyber-ETL	Develop a generic cybersecurity interface ETL for cybersecurity data	fuentis AG	Germany	PDT d.o.o.	Serbia	Solution for extracting data from various apps using different interfaces and creating mapping to load data to target fuentis suite apps.	Digitized Anything
21	SmartBlock	A Blockchain-based Platform for Smart Contracts in Healthcare using Outcomes Data	PROMPTLY	Portugal	Information Technologies Institute (ITI/CERTH)	Greece	A Blockchain-based Platform for Smart Contracts in Healthcare using Outcomes Data	Digitized Anything
22	I-SMAC	Intra-device low-energy sensor network for drone-based healthcare delivery	ABzero srls	Italy	UNIVERZA V LJUBLJANI	Slovenia	Integrating an intra-device low-energy sensor network ensuring quality and reliability of drone-based biological materials delivery	Digitized Anything
23	SPECTRE	Smartcity and SmartEnergy Dashboard and Analytics	Digital Partners SA	Switzerland	DataUnitor AS	Norway	Smart City & Smart Transport Platform using Big Data, Artificial Intelligence and Analytics	Digitized Environment
24	ENLARGE	rEmote coNtroLled Access to inteRnet of thinGs dEvices	Nebulous Systems S.L.	Spain	Horizon Fuel Cell Europe s.r.o.	Czech Republic	Enabling the remote use of lab equipment to support online/blended/distance TVET and STEM higher education and research.	Digitized Anything
25	IoTTEST	Flexible and Scalable Testing of IoT Devices	NplusT srl	Italy	PCB Design LTD	Hungary	Development and prototyping of a test platform, based on a new architecture, invented especially and optimized for IoT device testing.	Digitized Anything
26	Bachu	Bachu	ProSpection s.r.o.	Czech Republic	WRIO LTD	United Kingdom	We collect data, analyze it, and make decisions.	Digitized Anything
27	AE-BRIDGE	Transfer Acoustic Emission technology to realize a multi-levels alert system for bridge assessment	AISICO	Italy	Gereb es Tarsa Muszaki Fejleszto Kft	Hungary	Internet of Things (IoT) of smart diagnostic Acoustic Emission sensors for Structural Health Monitoring (SHM) of rail-road Bridge's network	Digitized Environment
28	SmartAIR	Cooperation for technology transfer about smart mobile air quality sensing platform	Logistics Enhancement Systems and Services SpZOO	Poland	Norwegian Institute for Air Research	Norway	Cooperation for technology transfer about smart mobile air quality sensing platform.	Digitized Environment
29	iOREGANO	Precision agriculture solution for smart, safe and quality oregano farming	Hippocratic Essentials P.C.	Greece	ART21, UAB	Lithuania	Remote detection of Pyrrolizidine Alkaloids (PAs) content and essential oil percentage in large scale Greek Oregano cultivation.	Digitized Agriculture
30	MEMFISH	Machine learning to detect marine fouling in ships	IOANNIS LOUKERIS (Space Horizon)	Greece	Insybio LTD	United Kingdom	Early marine fouling detection in ships by using machine learning to prevent fuel overconsumption, hull cleaning and environmental penalties	Digitized Anything

	Project Acronym	Project Title	Partner 1 Name	Country 1	Partner 2 Name	Country 2	Project Tagline	Vertical
31	SunNos	Intelligent Aerial Farming Pest Control targeting the Mediterranean Fruit-Fly on Olive Trees	IONOS S.M.P.C.	Greece	SUNDANCE Multiprocessor	United Kingdom	The SunNos proposes a novel solution using Intelligent Aerial Farming Pest Control targeting the Mediterranean Fruit-Fly on Olive Trees.	Digitized Agriculture
32	ForAgri5G	WiForAgri-5G: Smart Agriculture low-power IoT / Edge-Computing experiment	Primo Principio s.c.a.r.l.	Italy	UNIVERZA V MARIBORU	Slovenia	WiForAgri-5G: is an ultra-low-power IoT / Edge-Computing device for Smart Agriculture purposes	Digitized Agriculture
33	TTMDI	Inspection of Medical Devices and Technology Transfer to predict the performances	Medical Device Inspection Laboratory Verlab Ltd.	Bosnia and Herzegovina	Institute of Modern Technology Montenegro	Montenegro	Verlab transfer novel system for medical devices inspection and ML based performance prediction to Institute of Modern Technology Montenegro	Digitized Anything
34	HTSS	Holistic Telehealth Solution for Scoliosis	AIDPLEX IKE	Greece	Thrive Wearables Ltd	United Kingdom	The consortium aims to integrate IoT sensors onto scoliosis back brace, capable of monitoring the progress of patients' spinal condition.	Digitized Anything
35	Whistle+	Enhancing digital transformation in the emerging whistleblowing services market	Fraud Line Compliance and Enterprise Risk Manageme	Greece	Whistleblowing Solutions I.S. S.r.l. (WBS)	Italy	A leap in open source whistleblowing software development for the for the digital transformation of whistleblowing services.	Digitized Anything
36	AgroUAS	Developing an autonomous, low-energy UAS solution for precision agriculture	DRONINT	Cyprus	Harokopio University of Athens	Greece	Developing an autonomous, low-energy UAS solution for precision agriculture	Digitized Agriculture
37	G-BIOME	Gamified-BIOfeedback for MEntal health	Sentio Labs Monoprosopi IKE	Greece	University of Essex	United Kingdom	Design and develop an engaging gamified biofeedback-based mobile application to enhance mental well-being and support anxiety and depression	Digitized Anything
38	ARWalk	Augmented Reality Walking Test Platform	Physio R&D ApS	Denmark	BookBeo Ltd	France	The digital multi walking test platform	Digitized Anything
39	AID KIDS	A Secure and Self-Contained Audio Analysis Engine	eKidz.eu	Germany	University of Ljubljana	Slovenia	Building secure storage and AI analysis engines for sensitive user data.	Digitized Anything
40	Areo	Combining AR, EO&AI to transform in-field data presentation & collection for agricultural monitoring	Geocledian GmbH	Germany	SCiO Private Company	Greece	Transforming in-field data presentation and collection utilizing AR, AI and EO for agricultural monitoring and decision support.	Digitized Agriculture
41	MIDAS	Project Midas	Aether Biomedical SP.z o.o.	Poland	FUNDACION TECNALIA RESEARCH & INNOVATION	Spain	First truly natural prosthetic hand powered by EMG signals, with sensory feedback, allowing amputees to manipulate and feel the world	Digitized Anything
42	NICE	Non-Intrusive Recommendation Engine Towards Energy Efficiency and Well-Being	PRAGMA	Greece	E@W	Italy	Integrate new distributed lightweight algorithms on IoT platform for delivering innovative comfort-based energy optimization services	Digitized Environment
43	BrandSafe	Big Data Brand Protection	Digital Partners SA	Switzerland	DataUnitor AS	Norway	Brands-Safe Using Big Data and Artificial Intelligence	Digitized Anything
44	MNT4.0	Momentum 4.0 smart healthcare maintenance	Industrial Analytics doo	Serbia	Aristotle University of Thessaloniki, MPL	Greece	Improve hospital equipment maintenance at affordable prices with the help of location tracking, smart analytics and the power of IoT.	Digitized Anything
45	CavReTical	Controlled Pharmaceutical Removal with Hydrodynamic Cavitation Technology	SUNUM	Turkey	IVL Swedish Environmental Research Institute	Sweden	Removal of pharmaceutical pollutions from industrial and household wastewater by the means of controlled hydrodynamic cavitation technology	Digitized Environment
46	hyFit	Unusuality detection as a Service on extreme edge: The technology for health-driven online fitness	Urban Fitnes	Serbia	Rolloos Oil & Gas B.V	Netherlands	Developing new methods for detecting unusuality in multivariate streams on extreme edge used for monitoring health status in online training	Digitized Anything
47	Foodscan	Advanced low cost NIR sensor for smart farming and agrifood	SENSEEN	France	ASINCAR	Spain	Low-cost portable NIR sensor for the on-demand and instant measure of key business parameters by non-experts in Smart Farming and Agrifood	Digitized Agriculture
48	EmBRACE	Smart Bracelet for Technologically Aided Social Distancing on Cruise Ships	Optionsnet	Greece	Telocate GmbH	Germany	Social Distancing, Ultrasound, Bluetooth, BLE, Bracelet, Cruise Ship, COVID-19, SARS-CoV-2, Epidemiological Situation Control	Digitized Anything
49	ProFet	Proactive FPGA enabled technology	PLEGMA LABS TECHNOLOGIKES LYSEIS ANONYMOS ETAIRIA	Greece	UNIVERSIDAD DE DEUSTO	Spain	ProFet aims to enable hardware acceleration for energy disaggregation and predictive Maintenance of commercial and industrial equipment.	Digitized Environment
50		Using smart farming tools for pest control in Albania -Greece borders agricultural zone.	Agricultural University of Athens	Greece	Albanian Institute of Medicinal Plants	Albania	The technology transfer in digitized agriculture using UAV based agriculture and plant monitoring and protection focused to medicinal plants	Digitized Agriculture
51	WeedTect R	Integrated unit for WEED Detection and Control	Ortelio Ltd	United Kingdom	AgroApps P.C.	Greece	Integrated unit for WEED Detection and Control	Digitized Agriculture
52	AgroTrust	AgroTrust: Trusted farming data and touch-free product passports	IOTA Foundation	Germany	DNETLabs	Serbia	Trusted farming data and touch-free product passports	Digitized Agriculture
53	APIARY	Advanced Preclsion ApicultuRe sYstem	TERRA SPATIUM SA	Greece	BIANOR Services EOOD	Bulgaria	Development of an Advanced Preclsion Apiculture System based on IoT and blockchain technology.	Digitized Agriculture
54	SOCRA_OT	CarbonEye: Soil Organic Carbon Remote Assessment for Olive Trees	SmartCloudFarming GmbH	Germany	Fakultet tehničkih nauka Novi Sad (FTN)	Serbia	Development of SaaS for assessment of Soil Organic Carbon in Olive groves, based on satellite imagery and SOTA deep learning technology.	Digitized Agriculture
55	ML4S	Machine Learning for Soil Sensing	Waveform j.d.o.o.	Croatia	ION Solutions	Serbia	This FTTE transfers novel soil sensing technology that estimates its wake-up time based on past evidence aiming to prolong battery lifetime.	Digitized Agriculture
56	SmartFlow	Smart stream for IoT systems to enable fault detection and data imputation	Instituto Superior de Engenharia do Porto	Portugal	FIW CONSULTING SL	Spain	Smart stream for IoT systems to enable fault detection and data imputation	Digitized Environment
57	AGROTEC	AGROTEC – Autonomous, multipurpose, AI-based robotic platform for crop protection	"RPC "Robotec", LLC	Ukraine	MORE – Montanhas de Investigação – Associação Edif	Portugal	Multipurpose modular AI-based robot for no-till Crop Protection operations, Pest&Disease identification, non-chemistry weed control.	Digitized Agriculture
58	DEFIANCE	Deep tech and AI for worker safety in robotic manufacturing environments	Universidad de Salamanca	Spain	DOTSOFT SA	Greece	Deep tech and AI for worker safety in robotic manufacturing environments	Digitized Environment

	Project Acronym	Project Title	Partner 1 Name	Country 1	Partner 2 Name	Country 2	Project Tagline	Vertical
59	roboSpec	ROBOTIC AUTOMATION SYSTEM for MEASUREMENT of SOIL ORGANIC CARBON for SOIL HEALTH & FOOD SECURITY	HAEMUS HOBBIES Ltd	Bulgaria	UNIV. OF PATRAS - SOIL SCIENCE LABORATORY (SSLab)	Greece	Robotic automation system to almost real time non-destructive analysis of Soil Organic Carbon (SOC) with Reflectance Spectroscopy method	Digitized Agriculture
60	CROSS-AGE	A CROSS-BORDER EXPERIMENT ON ACTIVE AGE SOLUTIONS	Virtech	Bulgaria	CERTH/ITI	Greece	Active and Healthy Aging without borders – a cross-border experiment and transfer of knowledge and technology between Greece and Bulgaria.	Digitized Environment
61	S4A_WUTANY	Independence from the grid in fabrics	Augtex OÜ	Estonia	The University of the West of England, Bristol	United Kingdom	Independence from the grid in fabrics	Digitized Anything
62	SMOC2	Smart monitoring of the crops condition	ADVANCED OPTICAL TECHNOLOGIES S.L. (AOTECH)	Spain	GoyaLab SAS	France	The SMOC2 project is going to develop an IoT platform for monitoring the status of crops through advanced instrumentation.	Digitized Agriculture
63	AIMAC-3D	Artificial Intelligence applied for Manufacturability and Cost Assessment in 3D-Printing	TIWARI Scientific Instruments GmbH (TSI)	Germany	UptimAI s.r.o. (UAI)	Czech Republic	Development of online CLEC tools for TSI's 3D-printing tech for metals & ceramic to provide instant assessment of manufacturability & cost.	Digitized Anything
64	HYPERJAM	Hyperparameter Optimizer for AI-based Anti-Jamming in GNSS Systems	Albora Technologies	United Kingdom	Universitat Politècnica de	Spain	Hyperparameter Optimizer for AI-based Anti-Jamming in GNSS Systems	Digitized Transport
65	SMARTBIRD	A smart tool for monitoring wild birds' population with Computer Vision & Deep Learning tech	TERRA SPATIUM SA	Greece	Akdeniz University	Turkey	A smart tool for monitoring migratory birds' population with Earth Observation methods, Artificial Intelligence and Deep Learning techniques	Digitized Environment
66	FH_ADAS	City Transport Hot Spot Mapping	Fleet Hub SHPK	Kosovo	Adaptive Scale	North Macedonia	Prepare and Prevent. Making city streets safer.	Digitized Transport
67	Smoke scan	Smokescanner	BRIXH TEKNOLLOGI SHPKNJP	North Macedonia	LINKPLUS IT SH.P.K	Kosovo	Better air and security in our life!	Digitized Environment
68	FTTE	Augmented and virtual reality in conjunction with digital learning	Algar Rother Coaches & Consultants	Germany	Pixel Raum	Serbia	Integration of knowledge know-how into augmented and virtual reality	Digitized Environment
69	SafeAccess	4D safe access - contactless and automated detection of virus disease when entering a building	PTX tech GmbH	Germany	Bilbest Software and Engineering Ltd.	Turkey	A stationary sensor fixed above entrance to detect the main indicators for virus disease i.e. body temperature, breath and heart frequency.	Digitized Anything
70	SMartY	Smart Metering & artifical intelligent features for SaMMY IoT platform	SAMMY IKE	Greece	Spark Works ITC LTD	United Kingdom	SMartY introduces smart metering devices & software that enable seamless integration with existing & new docking infrastructures of marinas	Digitized Anything
71	ConText	Contacting Electronics on textile	Intelectronics Ltd	Bulgaria	Deutsche Institute für Textil- und Faserforschung	Germany	Development of an automatic machine for population of conductive textile ribbons.	Digitized Anything
72		"Using drones for apple pest control in Albania"	Mediterranean Agronomic Institute of Bari	Italy	Albanian Institute of Medicinal Plants	Albania	The project goal is the technology transfer in smart agriculture using UAV based in agriculture and plant monitoring and plant protection.	Digitized Agriculture
73	CHeCHo	CVD & Co-VID-19 Health Care At Home	SMART ENGINEERING & MANAGEMENT SOLUTIONS PC	Greece	Faculty of Technical Sciences Univ. of Novi Sad	Serbia	CVD & Co-VID digital surveillance, of patient at home, Health Care System, supported by AI algorithms.	Digitized Anything
74	AERIALS	UAVs, IoT and AI aspired Revalorization and Holistic Quality Control Management of Agricultural Wast	AGROKYKLOSI L.P.	Greece	Starcopter GMBH	Germany	The proposed FTTE aims at the full adoption of UAV based, IoT and AI aspired revalorisation and management of agricultural waste.	Digitized Agriculture
75	HypPhysMul	Digitizing plant physiology: implementation of water stress index into affordable leaf scanners	MIGAL - Galilee Research Institute	Israel	Photonics Insights	Germany	Assessing plant well-being with an affordable spectral device which senses water needs of the crop.	Digitized Agriculture
76	ISOFARM	ISOBUS technologies for smart data collection in Farm Management Information Systems	ΑΓΡΟΤΙΚΑ ΠΛΗΡΟΦΟΡΙΑΚΑ ΣΥΣΤΗΜΑΤΑ ΑΕ - AGROSTIS	Greece	University of Hohenheim	Germany	ISOBUS technologies for smart data collection in Farm Management Information Systems	Digitized Agriculture
77	I4A	Indoor4All	FORMATION GmbH Workplace Technologies	Germany	Rokubun S.L.	Spain	Improve indoor positioning accuracy and stability.	Digitized Environment
78	COVAID	Enhance COVID19 prevention policies using IoTs and AI/ML methods	Center for Technology Research & Innovation Ltd	Cyprus	Center for Research & Technology Hellas	Greece	Energy-efficient IoT networks and AI/ML models for monitoring and prevention of COVID19 spreading in public transport infrastructures	Digitized Transport
79	AA2Home	Bringing the ArmAssist robotic system for arm and hand rehabilitation to home	PROXIMA	Serbia	TECNALIA RESEARCH & INNOVATION	Spain	Bringing the ArmAssist robotic system for arm and hand rehabilitation to home	Digitized Anything
80	Valair	Valair	Visign Ltd	Bulgaria	Vulpès Electronics	Germany	High filtering and reusable motorized respirator protective mask	Digitized Anything
81	PRECISE	Advancing automated disease and Pest RECognItion with on-site SEnsors	Proventus, računalniške storitve, d.o.o.	Slovenia	Lifely s.r.l.	Italy	Improving image-based pest and disease recognition for vegetables using contextual data and sensors	Digitized Agriculture
82	i-Sens&Act	Integrating system of remote sensing and fully autonomous irrigation management	LATITUDO40 S.r.l.	Italy	SPHERAG TECK IoT	Spain	Our team of experts will offer an integrated, plug & play solution for scalable, optimized and completely autonomous crop irrigation.	Digitized Agriculture
83	CoMonSea	Corrochip Monitoring Precast Sea Defence	Chatu Tech S.L.	Spain	Banagher Precast Concrete (Bancrete)	Ireland	Integration of an autonomous corrosion monitoring system in a precast reinforced concrete sea defence wall at the northeast coast of Wales	Digitized Environment
84	BigAIHeal	A Big Data Infrastructure for AI Healthcare System	Faculty of Electrical Engineering	Serbia	E.C.S. Doo	Montenegro	An extensible Big Data infrastructure with AI analytics for AI Healthcare System is proposed.	Digitized Anything
85	EDIoT	Energy Disaggregation on IoT Smart Meters	Meazon Electronic Systems SA	Greece	University of Hertfordshire	United Kingdom	EDIoT will develop customised low energy computing versions of SotA energy disaggregation algorithms to run on IoT smart meter devices	Digitized Environment
86	OpenHOME	Open HOme automation and Multi-vector Energy management system	DOMX PRIVATE COMPANY	Greece	Institut Jozef Sstefan (JSI)	Slovenia	Open HOme automation and Multi-vector Energy management system	Digitized Environment
87	PenS	Pending Shopping	Sapienza Univeristy of Rome	Italy	IOTA foundation	Germany	A distributed ledger technology where who have, donate to who does not have	Digitized Anything

	Project Acronym	Project Title	Partner 1 Name	Country 1	Partner 2 Name	Country 2	Project Tagline	Vertical
88	ENCODE	Low Energy Computing for Digital Agriculture	Digiotouch OU	Estonia	ZELENA TOČKA TRANS-CENTER ZA TRAJNOSTNI RAZVOJ ZOO	Slovakia	Low energy, sustainable data harvesting and sharing for agricultural service providers	Digitized Agriculture
89	TUNNLL	TunnII	Malmö University	Sweden	Andronebula SL	Spain	An intelligent mass transit system for any small and mid-sized town, a personal bus for every citizen.	Digitized Transport
90	Discoperi	Discoperi - Dactyloscopy of cars	Discoperi Ukraine LLC.	Ukraine	SAB Solution Sp. z O.O.	Poland	Dactyloscopy of cars is a technology, which enables precise recognition of vehicles conditions by a granular AI-check as small as 2 sq. cm.	Digitized Transport
91	TechDrone	TechNovator for drones' autonomous flight	TechNovator Sp.zo.o (Ltd.)	Poland	Scientific Production Company ITEC	Ukraine	Drone, wireless charging, energy, transportation, energy transfer, drone's autonomous flight, drone delivery, technology	Digitized Transport
92	MINIMON	A minimal setup monitoring platform for IoT and the Cloud	XYZ CRYSTALWEB LTD	Cyprus	A. FILOKOSTAS & SIA E.E.	Greece	A minimal install, off the shelf component and service that monitors and configures your IoT devices and infrastructure over the cloud.	Digitized Anything
93	R3DVIS	Rapid 3D Visualization of medical scan data for preoperational analysis	AILINT A.E. PLIROFORIKIS – ANAPTIKSIS LOGISMIKOU	Greece	Universitätsklinikum Leipzig - Urology Department	Germany	R3DVIS aims to eliminate wait times between acquiring medical scans and providing 3D visualizations for use in the operating procedure.	Digitized Anything
94	IOTime	Interactive In Out Time Tracking System	Markedslabben AS	Norway	EPES Group	Albania	IOTime is a time tracking system that aims to contribute to the digital transformation of COVID-19 case tracing.	Digitized Anything
95	hoyo.ai	hoyo.ai (AI/ML module)	Hoyo Tech	North Macedonia	UBT College - Higher Education	Kosovo	We give intelligence on your machines	Digitized Anything
96		Assessing the true risk profile of farmers	CROPT DOO NOVI SAD	Serbia	University of Strathclyde	United Kingdom	Assessing the true risk profile of farmers	Digitized Agriculture
97	VLC4Senior	Virtual Life Coaching for Seniors	Kentyou	France	ETHNIKO KENTRO EREVNAS KAI TECHNOLOGIKIS ANAPTYXIS	Greece	The objective of VLC4Seniors is to build a virtual coach to assist elderlies in improving their health, well-being and social interactions	Digitized Anything
98	FYLO	Accelerated phYLOgenetics analyses using FPGAs on the cloud	CCG InAccel IKE	Greece	University of Twente	Netherlands	FYLO aims to introduce the first FPGA-accelerated, large-scale phylogenetics applications to the cloud market.	Digitized Anything
99	OpAutomata	Olok Power automatic isometric muscular asymmetry measurement	PBM3 d.o.o.	Slovenia	Footure lab Srl.	Italy	Making professional bio-mechanical measurements available to the masses to prevent injuries and improve performance and joy in sports	Digitized Anything

Annex 2 – Evaluator Contract

Smart4All

EVALUATOR CONTRACT

This **Contract** ('the Contract') is **between** the following parties:

[FUNDINGBOX ACCELERATOR SP. Z O. O. (hereinafter FBOX), REGON 146515350, established at Aleje Jerozolimskie 136, 02-305; Warsaw, Poland, VAT number PL7010366812, entered into the register of companies kept by the District Court for the Capital city of Warsaw, 12th Commercial Division of the National Court Register, under KRS No. (National Court Register No.) 0000447935, with a share capital of PLN 180.000,00], represented by

Karani Karani Kishore Shyam - Vice President of the Management Board,

and,

[name and surname] (hereinafter the Expert),

1 .citizen of [country], living at [address], [tax identification number]

2. [company name], registered at [address], [tax identification number]

The parties referred to above have agreed to enter into this Contract under the terms and conditions below. By signing this Contract, the Expert confirms that it has read, understood and accepted the Contract and all its obligations and conditions**, including Code of Conduct in case of Conflict of interest and Guide for Evaluators.**

ARTICLE 1 — SUBJECT MATTER OF THE CONTRACT

1. FBOX hereby contracts the Expert **to evaluate the proposals submitted to Smart4All 1st Open Call for Focus Technology Transfer Experiments (FTTE)**.
2. The Expert will evaluate around 20 proposals assigned, within the period **from 5th October 2020 until 26th October 2020. Evaluation will be run on-line, through Fundingbox platform.**
3. The Expert, for the proper performance of the Contract, will receive a total amount of **40 euro/per proposal**.
4. In case that the Expert does not perform an economic activity, the remuneration is a gross amount and it includes all due national contributions and taxes which the Expert is obliged to pay.
5. In case that the Expert performs an economic activity, and if national and international tax rules provide so, VAT will be charged on the net remuneration amount.

ARTICLE 2 — PERFORMANCE OF THE CONTRACT

1. The Expert shall perform the Contract in compliance with its provisions, set deadlines and all legal obligations under applicable EU, international and national law and to the highest professional standards.
2. The Expert shall, in particular, ensure compliance with the **Code of Conduct** and all obligations arising out of Expert`s national law, including but not limited to tax, labour and social security matters and shall indemnify FBOX against any claims that may be motivated by non-compliance with the said obligations. The Expert is responsible for paying all due national contributions and taxes.
3. The terms and conditions of this Contract do not constitute an employment contract. Neither Party may act as representative or agent of the other, nor may it take any action that implies the appearance of a link or dependence with respect to this Contract.
4. The Expert shall perform the evaluation in person and cannot rely on third parties to perform the activities set forth in this Contract. The Expert cannot subcontract the provision of the Services that are the object of this Contract.

5. If the Expert cannot fulfil its obligations, it shall immediately inform the FBOX.
6. The Expert cannot transfer any liabilities arising from this Contract without prior written consent of the authorised FBOX representative.

ARTICLE 3 — PAYMENT

1. Payment will be made within 30 calendar days after submission of the last complete evaluation and submission of all additionally required documents (signed contract, properly issued receipt/invoice, CFR).
2. Payment will be made in EURO, so the Expert shall provide euro bank account (otherwise the Expert will bear all currency conversion costs).
3. The Expert should include the following information on the invoice/receipt:

   EXTERNAL EVALUATOR [name and surname] Smart4All Project GA No. 872614

   and must be issued to:

   FundingBox Accelerator Sp. z o. o.

   VAT number PL7010366812

   Al. Jerozolimskie 136

   02-305 Warszawa

   Poland
4. The Expert is obliged to deliver a **valid (usually no more than 12 months old) Certificate of fiscal residence** (CFR) before the payment of the remuneration. In case that the Expert fails to deliver this certificate, the remuneration might be reduced by the additional tax that FBOX must pay due to the lack of the certificate (around 20%).
5. Payment by FBOX is considered to be carried out on the date on which its account is debited.
6. The Expert is obliged to deliver any additional documentation requested by FBOX after the contract is completed if that request results from the audit run by EC or other authorised body.

ARTICLE 4 — IPR

1. Under this Contract and within the remuneration specified in Article 1.3, Expert authorize FBOX use the evaluation reports produced under this Contract for all purposes needed to run the Smart4All Project (in particular: to give feedback to Applicants, to run a complaint procedure, to share with project partners, to present to the EC).
2. Experts grants an authorisation at the moment it submit given report.

ARTICLE 5 — TERMINATION OF THE CONTRACT

1. FBOX may terminate the Contract at any moment if the Expert:
   a. is not performing its tasks or is performing them poorly or with the delay or
   b. has committed substantial errors, irregularities or fraud, or is in serious breach of its obligations under the selection procedure or under the Contract, including false declarations relating to the Code of Conduct or
   c. the Expert is in the conflict of interest position.
2. FBOX will notify the Expert of its intention to terminate the Contract in writing, including the reasons for the intended termination. In case of doubt, email is considered written form.
3. The termination will take effect on the day after the notification was sent to the Expert unless otherwise stated in the notification.

ARTICLE 6 — CONFIDENTIALITY

1. The Expert undertakes to strictly observe the secrecy and confidentiality of documents, data and information related to the Smart4All 1st Open Call for Knowledge Transfer Experiments, provided or communicated with it under this Contract (hereinafter, Confidential Information), in particular all

information included in the evaluated proposals, and not to disclose or use the Confidential Information for purposes other than the object of this Contract.

2. **For the avoidance of doubt the Expert shall treat all the data included in the proposals as confidential,** subject to the provisions of section 3 below.
3. In case of doubt, the following is not considered confidential:
   a. publicly available information,
   b. the information that has been disclosed by the other party to the public, the information which the other party may determine on the basis of its own records, or that was in its possession at the time of disclosure, or that had not been obtained directly or indirectly from the other party;
   c. the information that a Party receives as non-confidential from third parties having the right to disclose such information;
   d. the information disclosed to institutions, local governments, inspection authorities and the Authorities who are authorised to acquire it,
   e. the information disclosed in order to pursue claims under this Contract.
4. The Parties undertake to use Confidential Information only for proper execution of the subject matter hereof.
5. The obligations referred to in this Article 6 remain binding after termination for any reason or expiration of this Contract for an indefinite period of time.

ARTICLE 7 — CONTRACTUAL PENALTIES, LIABILITY FOR DAMAGES

1. FBOX cannot be held liable for any damage caused or sustained by the Expert or a third party during or as a consequence of performing the Contract, except in the event of FBOX wilful misconduct or gross negligence.
2. FBOX may impose contractual penalties in the event of:
   a. violation by the Expert of the principles of independence and impartiality referred to in this Contract - in the amount of € 5,000 (five thousand euros) for each violation;
   b. the Expert's failure to fulfill its contractual obligations indicated in Article 1 of this Contract within the time limit - in the amount of € 500 (five hundred euros);
   c. the Expert's failure to fulfill its contractual obligations concerning confidentiality – in the amount of up to € 50,000 (fifty thousand euro) for each violation;
   d. the Expert's failure to fulfill its contractual obligations indicated in Article 3.6 of this Contract – in the amount of the remuneration it received upon this contract.
3. In the event of injury in excess of the reserved contractual penalties, FBOX has right to claim supplementary damages on a general basis according to the Polish law.

ARTICLE 8 — PROCESSING OF PERSONAL DATA and CONFIDENTIAL INFORMATION

1. The Controller of your personal data is FundingBox Accelerator Sp. z o. o. Your personal data is processed for purposes related to the performance of this contract.
2. You have the right to access your personal data, to have a copy of such data issued, and to request the rectification, transfer, removal or limitation of the processing of your personal data; you also have the right to object to the processing of your personal data and to lodge a complaint with a supervisory authority.
3. More information on how we process personal data is available at https://fundingbox.com/legal/privacy or at privacy@fundingbox.com.
4. To the extent that the activities of the Expert or the services provided by the Expert involve the processing of personal data held by FBOX, FBOX authorise the Expert to process those data. The Expert shall comply with the following obligations:
   a. to process personal data in accordance with instructions given in this Contract;
   b. to use personal data included in the application forms only to evaluate those proposals;
   c. not to apply or use personal data for any purpose other than the evaluation of the assigned proposals;
   d. not to transmit personal data, not even for its preservation, to any third party;
   e. not to copy any of the data included in the proposal;
   f. to return to FBOX the personal data, as well as any support or documents in which they appear at the termination of the contractual relationship;
   g. not to give access to the applications to any other person and/or institution;

h. to apply all technical and organisational security measures adequate to the level of risk to secure personal data, among others:
   i. not to pass password to the fundingbox.com platform to anyone;
   ii. not to use public networks, use only secured internet connections;
   iii. not to use computer that might be accessed by other persons;
   iv. to log out after each session;
   v. not to let the internet browser used to remember the password to the assessment platform.

Authorisation to process personal data is valid until **6th November 2020.**
The same obligations apply to the Confidential Information.

ARTICLE 9 - EC RIGHTS

1. The Expert is obliged to store the documents regarding this contract, for external audit purposes until the end of the Smart4All Project (31st December 2023) either on paper or in electronic version. The Expert is in general bound by art. 22 and 23 of the Annotated Model Grant Agreement - AGA of the H2020 Programme.
2. The Expert shall support EC, the European Anti-fraud Office (OLAF) and the Court of Auditors to exercise their powers of control, audit and monitoring on documents, information, even stored on electronic media, or on the final recipient's premises, and shall comply with the Regulation for the Protection of the financial interests of the Union.

ARTICLE 10 — APPLICABLE LAW AND DISPUTE SETTLEMENT

1. This Contract is governed by the law of Poland. EU law will not be in any case contradicted and will be applicable where necessary.
2. Disputes concerning the Contract's interpretation, application or validity that cannot be settled amicably must be brought before Warsaw's courts.
3. Annexes to the Contract shall form an integral part hereof.
4. Any amendments to this Contract shall be made only in writing with mutual consent of the parties, otherwise they shall be null and void.

ARTICLE 10 — ENTRY INTO FORCE

This Contract enters into force on 2nd October 2020.

The Expert **On behalf of FBOX:**

Karani Karani Kishore Shyam

ANNEX 1 - EXTERNAL EVALUATION FUNDAMENTALS

The Expert confirm that it read and understood the Code of Conduct - in case a Conflict of interest occurs, and Guide for Evaluators for **Code of Conduct** and will follow the rules outlined therein during evaluation of the applications assigned. Both documents are provided by FBOX via e-mail before contract signature.

Experts shall **perform their work impartially with the strict confidentiality**. As the Expert, you are required to:

a. confirm that there is no conflict of interest for the work you are carrying out by signing '**Declaration of confidentiality and no conflict of interest'** prior to the start of your work,
b. inform the **Smart4All** Selection Committee represented by FBOX of any conflicts of interest arising in the course of your work.

In general, a **conflict of interest** exists if an Expert has any vested interests in relation to the proposals upon which it is asked to give advice, or an Expert and/or its organisation stands to benefit directly or indirectly from the work carried out, or is in any other situation that compromises its ability to carry out its work impartially.

Smart4All Selection Committee, will decide whether a conflict of interest exists, taking into account the circumstances, available information and related risks when an Expert is in any situation that could cast doubt on its ability to carry out its work, or that could reasonably appear to do so in the eyes of an external third party.

A **disqualifying conflict of interest** exists if an Expert:

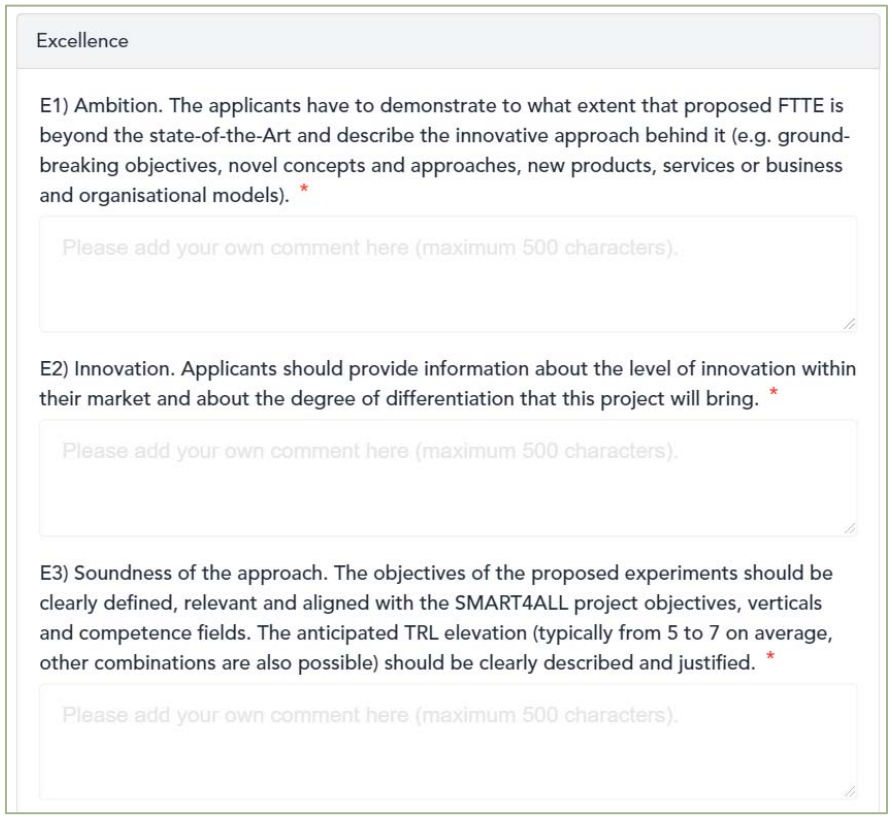
- was involved in the preparation of the proposal,
- stands to benefit directly from the proposal to be accepted,
- has a close family relationship with any person representing an applicant organisation in the proposal,
- is an investor, director, trustee or partner of an applicant organisation,
- is employed by one of the applicant organisations in a proposal,
- is in any other situation that compromises its ability to evaluate the proposal impartially.

A **potential conflict of interest** may exist, even in cases not covered by the clear disqualifying conflicts indicated above, if an Expert:

- was employed by one of the applicant organisations in a proposal within the previous three years,
- is involved in a contract or collaboration with an applicant organisation, or has been so in the previous three years,
- is in any other situation that could cast doubt on its ability to evaluate the proposal impartially, or that could reasonably appear to do so in the eyes of an external third party.

Experts with a disqualifying conflict of interest may not participate in the evaluation at all.

Annex 3 – Evaluator Form



Excellence

E1) Ambition. The applicants have to demonstrate to what extent that proposed FTTE 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). *

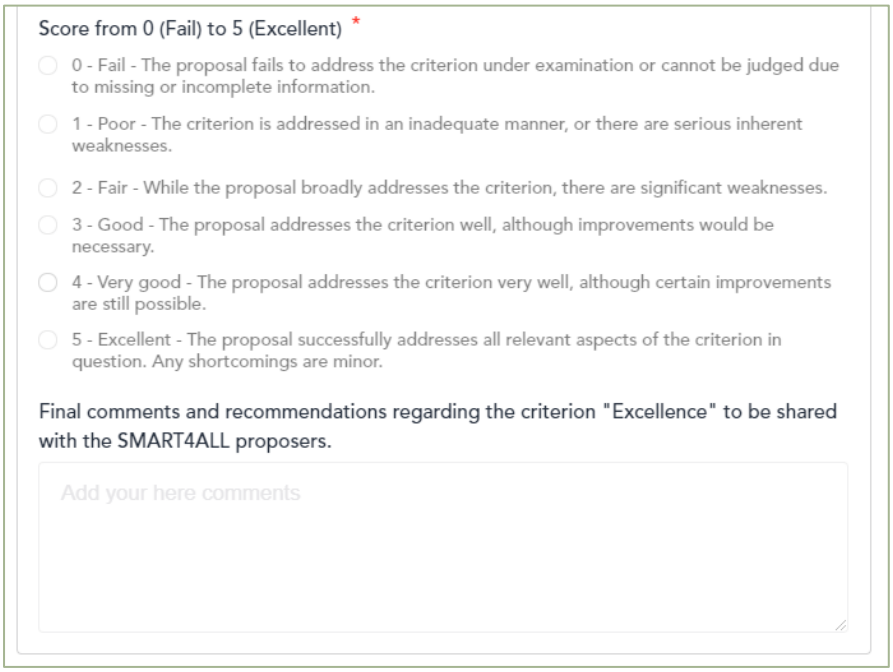
Please add your own comment here (maximum 500 characters).

E2) Innovation. Applicants should provide information about the level of innovation within their market and about the degree of differentiation that this project will bring. *

Please add your own comment here (maximum 500 characters).

E3) 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. *

Please add your own comment here (maximum 500 characters).



Score from 0 (Fail) to 5 (Excellent) *

- 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.

Final comments and recommendations regarding the criterion "Excellence" to be shared with the SMART4ALL proposers.

Add your here comments

Impact

M1) 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. *

Please add your own comment here (maximum 500 characters)

M2) 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. *

Please add your own comment here (maximum 500 characters)

M3) 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. *

Please add your own comment here (maximum 500 characters)

M4) Commercial Strategy and Scalability: The applicants have to demonstrate the level of scalability of the new/improved product meaning by that not address to solve a specific problem but able to be commercialised to solve a structural problem in a specific sector/process/etc., using convincing business model and business projections. *

Please add your own comment here (maximum 500 characters)

IMPACT OVERALL SCORE *

- 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.

Final comments and recommendations regarding the criterion "Impact" to be shared with the SMART4ALL proposers. *

Implementation

I1) 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. *

Please add your own comment here (maximum 500 characters).

I2) Team: The promotors have to demonstrate their management and leadership qualities, their ability to take a concept from ideas to market, their capacity to carry through their ideas and understand the dynamics of the market they are trying to tap into. The team should be balanced and cross-functional team, with a strong background and skill base. *

Please add your own comment here (maximum 500 characters).

I3) Resources: The quality and effectiveness of the resources assigned should be clearly explained in a way that demonstrates how the objectives/deliverables proposed will be achieved. *

Please add your own comment here (maximum 500 characters).

Score from 0 (Fail) to 5 (Excellent) *

- 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.

Final comments and recommendations regarding the criterion "Implementation" to be shared with the SMART4ALL proposers.

Add your here comments

COVID-19 Solution

Does the proposal address current and future problems stemming from the COVID-19 crisis *

Yes No

OVERALL SCORING

Do you propose this proposal to be selected for funding *

Yes No

Expert overall comments *

Please add your own comment here (maximum 500 characters).

Declaration of no conflict of interest

I declare that, to the best of my knowledge, i have no driect or indirect conflict of interest in the evaluation of this proposal. *

Yes

Annex 4 – Consensus meeting minutes

Minutes of the Consensus Meeting

Meeting Minutes

Date: 16 November 2020

12.00 – 14.00 CET

Attendees:

The Selection Committee: Nikolaos Voros (UoP), Michael Huebner (BTU CS), Georgios Keramidas (UoP), Christos Antonopoulos (UoP), Tanya Politi (PSP), Costas Troulos (FORTH), Radovan Stojanovic (MECOnet), Alessandra Baccigotti (Evaluator), Daniele Miorandi (Evaluator), Orgesi Cico (Evaluator).

FundingBox: Antonio Montalvo, Lynda O'Mahony

Moderator: Antonio Montalvo (FBA) WP6 leader

Main Goal Of the meeting:

The goal of the meeting was to decide, by consensus or majority, on the proposals to be selected for funding, from the top 10 ranked SMART4ALL FTTE proposals received during the 1st open call which ran from June 30th to September 30th 2020.

Initial Evaluation and Voting Report

A total of 97 eligible proposals were received during the open call[3]. Evaluations were completed between October 5th and November 6th by external evaluators. Each proposal was evaluated by 2 different external evaluators. A ranking report was created following the completion of this phase. A few days before the consensus meeting, the Selection Committee members were provided access to the top 10 ranked proposals (based on the scores received during the evaluation) via the FundingBox platform. The voting form provided the Selection Committee members the option to give a yes/no vote to each proposal, including a comment explaining the reason for their pre-vote. Three of the 8 committee members completed the voting. With these results, the evaluation report was updated to include the pre-votes from the Selection Committee in order to produce the final report to be discussed at the consensus meeting. Having outlined a conflict of interest, Michael Huebner did not vote for the proposal "ForAgri5G".

Here is the ranking report which was discussed during the consensus meeting. (Note: All countries highlighted in green are South Eastern European Countries (SEE)).

applicant.uname	Project Acronym	Country 1	Country2	Vertical	Average Excellence	Average Impact	Average Implemenation	Covid Score	SEE Score	Total Score	RANKING
stelios1	EDIoT	Greece	United Kingdom	Digitized Environmer	4,5	5	4,5	1	1	16,0	**1**
info@agrokyklosi.com	AERIALS	Greece	Germany	Digitized Agriculture	4,5	4,5	4,5	1	1	15,5	**2**
asoukoulia	CHeCHo	Greece	Serbia	Digitized Anything	4,5	4,5	4,5	1	1	15,5	**3**
sammy	SMartY	Greece	United Kingdom	Digitized Anything	4,5	4	4,5	1	1	15,0	**4**
fundmaster	EmBRACE	Greece	Germany	Digitized Anything	4	4	4,5	1	1	14,5	**5**
skapotas	MEMFISH	Greece	United Kingdom	Digitized Anything	3,5	4,5	5	0	1	14,0	**6**
wiforagri	ForAgri5G	Italy	Slovenia	Digitized Agriculture	4	4	4	1	1	14,0	**7**
pzervas	Areo	Germany	Greece	Digitized Agriculture	4,5	4	3,5	1	1	14,0	**8**
vasistat	APIARY	Greece	Bulgaria	Digitized Agriculture	4	4	4	1	1	14,0	**9**
hippocraticessentials	iOREGANO	Greece	Lithuania	Digitized Agriculture	4,5	4	4,5	0	1	14,0	**10**
felix.blaga@octavic.dk	PRO-PLAN	Romania	Denmark	Digitized Anything	3,5	3,5	4,5	1	1	13,5	11
inaccel	FYLO	Greece	Netherlands	Digitized Anything	5	3,5	3,5	0	1	13,0	12
scf_gmbh	SOCRA_OT	Germany	Serbia	Digitized Agriculture	4	3,5	3,5	1	1	13,0	13
terraspatium	SMARTBIRD	Greece	Turkey	Digitized Environmer	4	3,5	3,5	1	1	13,0	14
sarkots	ProFet	Greece	Spain	Digitized Environmer	4	3,5	3,5	1	1	13,0	15
bisite	DEFIANCE	Spain	Greece	Digitized Environmer	4	3	4	1	1	13,0	17
erosdavid	MNT4.0	Serbia	Greece	Digitized Anything	4	3	4	1	1	13,0	19
soumya	ENCODE	Estonia	Slovakia	Digitized Agriculture	3	4	3,5	1	1	12,5	16
giueppo	I-SMAC	Italy	Slovenia	Digitized Anything	3,5	4	4	0	1	12,5	18
andrdimitris	G-BIOME	Greece	United Kingdom	Digitized Anything	3,5	3,5	4,5	0	1	12,5	20

[3] Two of the proposals received were rejected during the eligibility check carried out by FundingBox right after the deadline. The lead partner did not have industrial partner status, which was not allowed.

Details from the consensus meeting

The main topics for discussion during the meeting were the following 2:

1. The distribution of the countries in the top 10 (Greece was represented in all but 1 of the consortia). How can the distribution in the top 10 be improved for the next calls.
2. The need to select one proposal from each of the verticals (Digitized Environment, Digitized Agriculture, Digitized Transport, Digitized Anything). How do we ensure an even distribution of the experiments across the verticals for future open calls? For example, there were no proposals for Digitized Transport.

Below is a summary of the comments from the members on these topics.

Antonio pointed out that we cannot change the rules of the open call now in order to only select one applicant per country or vertical because this was not written as a requirement in the Guide for Applicants and therefore would be unfair to not select those proposals with the highest scores for this reason. However, he suggested that this can be used as a lesson learned for the next open calls.

Nikolaos commented that the balance between countries and verticals should be reached by the end of the project and suggested that for the next call for CTTE, we can follow the same strategy we did for the other first round open calls (as in for KTE and FTTE) and in the second round of open calls for each funding instrument, we can highlight in Guide For Applicants which verticals we would like to promote in order to ensure there is balance across all pillars. In addition to that, there are other measures that can be taken like 'Train the Trainer' and webinars on how to write proposals in order to improve the quality and uptake in the SEE countries which did not make it to the top 10 on this occasion. Some of the applicants or potential applicants from some of the SEE countries would not be strong in English language, so this could be another factor to consider. Choosing proposals with high scores in excellence is important in order to ensure that after the 4 years of the project, there are successful commercial products in the market with the seal of SMART4ALL.

Michael Huebner commented that some of the proposals which said that they were digitized anything were actually addressing Digitized Transport, so in fact in was addressed but the applicants did not select that vertical for their proposal. He used the project "SMartY" from applicant Sammy as an example.

Radovan commented that the high number of proposals from Greece was due to the good work done there to promote the call, however other SEE countries should be encouraged to be the lead partners for future calls.

Christos agreed that the ranking had 2 problems. 1 vertical per winning proposal and a better distribution of countries. He suggested that we can put a sentence in the next GFA that we are only going to fund 1 proposal per domain. That would make the proposals think more about which vertical they are choosing. In addition, there wasn't good competition from the countries we want to promote. This is a big lesson identified which can be addressed in the future. He suggested selecting the project "ForAgri5G" instead of "AERIALS" in order to improve the country distribution of winning proposals but this was not agreed to by other members as it would be deemed unfair to the proposal with the higher points.

Orgesi commented that some of the proposals addressed several of the verticals. It should be pointed out in future GfAs that only one vertical should be addressed. He proposed that no vertical should be removed from future open calls but instead provide an extra point for a vertical which has been underrepresented in previous open calls. There should be concrete measures put in place to ensure improvement next time for example, more resources could be allocated to countries which are not submitting quality proposals.

Georgios suggested that there is actually a big representation from the other SEE countries. He asked for the numbers of proposals received from other SEE countries in order to properly check the geographical representation of the others and then discuss it.

Nikos commented that maybe we have mobilised the countries but the quality is not good enough, so we need to work on that.

Antonio proposed that for the next consensus meeting, along with the ranking list, we will also provide the distribution by country and vertical prior to the meeting.

Alessandra: She saw some recurrent problems with the proposals, in particular with the SEE countries where the section on the implementation of the projects was not good. Alessandra offered to send an email with further details and summary of her findings from the proposal evaluations.

Nikos proposed that we ask all evaluators to provide some comments on their experience with suggestions on what can improved for future calls.

Final summary

Antonio asked the committee if all were comfortable with selecting the top 4 ranked proposals for funding.

There was an overall consensus from the following members. Nikos, Georgios, Christos, Costas, Tanya, Radovan, and Michael.

Antonio asked if any the committee members had a conflict of interest in relation to any of the consortia in the top ranked 4. All confirmed that there was no conflict of interest, however, Tanya was to review again to confirm.

Actions to be taken

- Lynda to send email to all evaluators asking for their experience and suggestions.
- Lynda to send a summary of the geographical distribution and verticals for all submitted proposals to the committee members.
- Further work to be done by the committee on promoting the open calls in SEE countries and providing more support via webinars and training in order to improve the quality and distribution of proposals from SEE countries in the next open calls.

Quorum Validation

PROVISIONAL LIST OF BENEFICIARIES (to be sent to the Project Officer for her approval)

Rank	Project Name	Lead Partner Country	Partner Country	Total Evaluation Score	Selection Committee Majority %
1	EDIoT	Greece	United Kingdom	16.0	100%
2	AERIALS	Greece	Germany	15.5	100%
3	CHeCHo	Greece	Serbia	15.5	100%
4	SMartY	Greece	United Kingdom	15.0	100%

RESERVE LIST

None.

To certify its decision, the evaluators will sign this Act by the 20 November 2020.

Signatures of all partners

-email validation-

Annex 5 – Appeal Letter and Response (Consortium Areo)

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https://www.scio.systems

Prof. Nikolaos Voros
Project Coordinator
Embedded System Design and Application Laboratory,
Electrical & Computer Engineering Department, University of Peloponnese
Megalou Alexandrou 1, Koukouli, GR-26334, Patra, Greece
voros@uop.gr
+302610369151

1st of December 2020

APPEAL AGAINST

The evaluation results of our proposal (Areo) to the SMART4ALL 1st Open Call for Focused Technology Transfer Experiments (FTTE)

Dear SMART4ALL Project Coordinator,

With my capacity as submitter via the Smart4ALL Funding Box of the proposal "*Areo - Combining AR, EO&AI to transform in-field data presentation & collection for agricultural monitoring*" and after receiving the evaluation results of our proposal,

We appeal for the score received based on the two evaluators' comments.

REASONS FOR APPEAL

We would like to stress that the comments of evaluator #1 are unfair, incompatible with the description of our proposal and the nature of the SMART4ALL 1st Open Call for FTTE itself. More specifically, the evaluator #1 mentions in his/her comments for the evaluation of the "excellence" criterion:

"Comment #1: The innovation, even if well described and in line with the competences of the partner is not so strong. Similar already on the market products are present and the operative added value is not so clear"

The evaluator #1 argues about the innovation of our approach indicating that there are other similar products in the market. However, this comment is unfair and there are no arguments from the evaluator regarding similar solutions that are combining AR, AI and EO technologies in the field, as well as no reference or pointers and links to such solutions. In our proposal, we analyzed the competition and we have identified the innovation and the unique value proposition of our approach.

Regarding the Impact criterion, the evaluator #1 mentions in his/her comments

"Comment #2: *The benefits of the solution are sufficient described. However, some technical information and operational indicators to monitor the performances are missing*"

The Aero proposal follows faithfully the requirements set by the call and provides answers to all points needed to be covered. Thus, the statement that "some" technical information is missing is inaccurate and does not correspond to the content of the proposal and the scope defined by the call.

"Comment #3: *The market overview is complete with all the main information. However, only a generic view has been done, without particular numbers about the specific target market.*"

This is an unfair comment, which contradicts with the description of our proposal. We have analyzed the market (given the available characters limit of the online application) and we have also focused our analysis to countries (i.e. India) where one of the applicant SMEs (i.e. Geocledian) has strong presence. Finally, our workplan includes a task where a thorough market analysis will be done for precisely positioning our proposed approach in the market.

"Comment #4: *Following the other part, the competitors analysis is complete with all the main information. However, a clear study about the added value of the proposed solution is missing*"

The point raised by the reviewer that the added value of the proposed solution is missing is inaccurate. We specifically mention that the added value of our proposed approach is the unique combination of AR, AI and EO technologies in the field.

Regarding the Implementation criterion, the evaluator #1 mentions in his/her comments

"Comment #5: *About the work plan a specific structure of WPs, tasks and deliverables are missing. Also, the relation between partners and activities is not present. Too generic the proposed approach*"

This comment regarding our proposal missing a work plan structure is not valid. Our proposal includes description of WPs, relevant tasks and a detailed description of the proposed project's outcomes/deliverables. Similarly, the statement that the relation between partners and proposed activities is missing is not true. For all activities, we mention the responsible partner in parentheses right after the description of each activity. Moreover, the evaluator's comment that the approach is generic is subjective since he/she does not explain what needs to be further detailed and analyzed.

"Comment #6: *The partners have the right competences to carry out the project. However, a clear evaluation, missing the connection between activities and partners is not possible*"

This comment is not correct. As explained previously, our proposal clearly includes a connection between proposed activities and the corresponding responsible partner, as for all activities the responsible partner is named.

In his Overall comments the evaluator #1 mentions in his/her comments:

"Comment #7: *Even if the ambition of the proposal is strong, well defined and in line with the scope of the call, the real added value for the end users is not well described*"

As the reviewer himself/herself mentions, the impact analysis for the proposed solution is clearly defined and, as we also believe, substantial. The main factors where the solution will provide added value to end users are clearly stated for **all** target groups in the "benefits of the collaboration" section of the proposal. Furthermore, the project foresees a quantification process for this added value via the production of a business model canvas as part of the work plan.

"Comment #7: *Operational KPIs are missing*"

We don't understand this comment. The evaluator does not explain what are the operational KPIs that are missing, and in any case such KPIs were not described in the relevant requirements set by the call.

"Comment #8: *The competitor scenario is full of similar solution, not well described*"

We don't understand this comment. The use of English language is poor. Our proposal includes a thorough analysis of the competition and clearly describes the differentiation of our solution, as well as the innovation and the unique value proposition of our approach.

"Comment #9: *The preliminary business plan is coherent with the referent market*"

This comment is contradictory to the comment #3 of the evaluator.

"Comment #10: *Work plan only sufficient described, costs a staff well described*"

It is difficult to understand the substance of this comment as the use of English is again poor. To our understanding, the sentence states that the work plan is sufficiently described, and the relevant costs are also described with enough detail, and thus contradicts the previous #5 comment of the evaluator.

Moreover, we would like to stress that some of the comments of evaluator #2 do not correspond to the description of our proposal. More specifically, the evaluator #2 mentions in his/her comments for the evaluation of the implementation criterion:

"The plan of activities is not really structured as a work-plan but covers all the steps needed to carry out the experiment according to the project's objectives. The time-plan requires further elaboration; the same applies to the justification for the personnel costs but, in general, the resource allocation is appropriate"

We don't understand why the evaluator questions our workplan. Our proposal includes an evident work package structure with relevant activities and connection with the responsible partners. Moreover, the time plan is clearly described in the text. Regarding the personnel costs, we don't understand what kind of further justification is needed; *we have clearly mentioned in our application the personnel costs per partner and the number of persons that will be involved in the implementation of the project, as well as their expertise.*

Given the aforementioned analysis of the provided reviews, we thereby request for our proposal to be re-evaluated as we consider the scores received for all criteria unfair, incompatible with the description of our proposal and the nature of the SMART4ALL 1st Open Call for FTTE itself.

Sincerely,

Panagiotis Zervas

Chief Operations Officer of SCiO

UNIVERSITY of the PELOPONNESE

Electrical & Computer Engineering Department

Prof. Nikolaos Voros
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Patra, 14/12/2020

Subject: Reply to the appeal against the evaluation results of our proposal (Areo) to the SMART4ALL 1st Open Call for Focused Technology Transfer Experiments (FTTE)

Dear Mr. Zervas,

Following your formal letter of appeal from December 1st 2020 I would like to inform you that the Selection Committee of SMART4ALL met on December 7th 2020 to discuss about it. We invited to the meeting Evaluator #1 so that he could be able to provide more details on his comments.

The Selection Committee I am chairing, after thoroughly examining your application did not find any unfairness in Evaluator #1's comments. Therefore, the score provided by him was not modified. Your final score was actually ranked very high.

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Unfortunately, due to the high competition in the specific open call only the four highest ranked have been finally selected for funding.

The Selection Committee agrees that the level of detail and the accuracy of the evaluator's comments were not detailed enough in order to provide you a fully understandable feedback and help you improving your proposal. Therefore, we requested Evaluator #1 to provide further justifications to the comments he included in his evaluation report. Please find them hereunder.

Given the chance, I would like to urge you to take into account the suggested improvements an resubmit your proposal in one of the forthcoming Open Calls of SMART4ALL project.

JUSTIFICATION OF COMMENTS FROM EVALUATOR #1

"We would like to stress that the comments of evaluator #1 are unfair, incompatible with the description of our proposal and the nature of the SMART4ALL 1st Open Call for FTTE itself. More specifically, the evaluator #1 mentions in his/her comments for the evaluation of the "excellence" criterion:

"Comment #1: The innovation, even if well described and in line with the competences of the partner is not so strong. Similar already on the market products are present and the operative added value is not so clear"

The evaluator #1 argues about the innovation of our approach indicating that there are other similar products in the market. However, this comment is unfair and there are no arguments from the evaluator regarding similar solutions that are combining AR, AI and EO technologies in the field, as well as no reference or pointers and links to such solutions. In our proposal, we analyzed the competition and we have identified the innovation and the unique value proposition of our approach."

Comment #1 Justification:

Even if, in the competitor section, information about the direct competitors have been provided, is not clear and well described, how the proposed solution is innovative compared with the already existing solutions (like for ex. AGRICOLUS, UP42, CROPSAT and others). In fact, the real benefits for the end users have not been sufficient described, without clear references to operational performances (concrete benefits for the end users) For example cost reduction, how? Energy reduction, how? Regarding "capturing photo", where is the benefits for your customers? Even if the value proposition has been well described, tangible benefits for the customers are missing.

"Regarding the Impact criterion, the evaluator #1 mentions in his/her comments

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"Comment #2: The benefits of the solution are sufficient described. However, some technical information and operational indicators to monitor the performances are missing"

The Aero proposal follows faithfully the requirements set by the call and provides answers to all points needed to be covered. Thus, the statement that "some" technical information is missing is inaccurate and does not correspond to the content of the proposal and the scope defined by the call."

Comment #2 Justification:

From a technical point of view, the information provided is generic and, in some cases, it is not clear how the proposed development will be implemented during the project duration . It is not sufficiently described how the 3 proposed technologies will be developed.

"Comment #3: The market overview is complete with all the main information. However, only a generic view has been done, without particular numbers about the specific target market."

This is an unfair comment, which contradicts with the description of our proposal. We have analyzed the market (given the available characters limit of the online application) and we have also focused our analysis to countries (i.e. India) where one of the applicant SMEs (i.e. Geocledian) has strong presence. Finally, our workplan includes a task where a thorough market analysis will be done for precisely positioning our proposed approach in the market."

Comment #3 Justification:

Specific key information (most relevant countries, most significant target customers), regarding the market overview is missing. A general evaluation of the target addressable market (in terms of revenues and users) has not been provided. The proposed focus on the target country (i.e. India) is described with generic information. I strongly encourage the applicants to complete the market overview with concrete numbers (value of the market – possible turnover - and number of possible users), for the next application.

"Comment #4: Following the other part, the competitors analysis is complete with all the main information. However, a clear study about the added value of the proposed solution is missing"

The point raised by the reviewer that the added value of the proposed solution is missing is inaccurate. We specifically mention that the added value of our proposed approach is the unique combination of AR, AI and EO technologies in the field."

Comment #4 Justification:

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Concerning the competitor's analysis, even if, the value proposition has been described with all the relevant information, the differences with the existing players already present on the market have not been sufficiently described. Similar solutions, like AGRICOLUS or UP42, show in a clear way the benefits for the end users. More details about the new functionality of the proposed system are needed, also to demonstrate the operational added value for the entire value chain. Tools and functionalities of your solution need to be better describe and in case, is possible, address the real benefits for the customers.

"Regarding the Implementation criterion, the evaluator #1 mentions in his/her comments

"Comment #5: About the work plan a specific structure of WPs, tasks and deliverables are missing. Also, the relation between partners and activities is not present. Too generic the proposed approach"

This comment regarding our proposal missing a work plan structure is not valid. Our proposal includes description of WPs, relevant tasks and a detailed description of the proposed project's outcomes/deliverables. Similarly, the statement that the relation between partners and proposed activities is missing is not true. For all activities, we mention the responsible partner in parentheses right after the description of each activity. Moreover, the evaluator's comment that the approach is generic is subjective since he/she does not explain what needs to be further detailed and analyzed."

Comment #5 Justification:

The proposed workplan, has been described, without specific information about the tasks. The descriptions provided are only at Work Package level, while for each work package only a general overview is provided.
To better clarify the specific activities, is needed to describe the tasks for each WP; relate each task with Deliverable(s) and define a task leader.
Adopting this structure will facilitate the management of all the proposed activities and monitor the project development during the implementation.

"Comment #6: The partners have the right competences to carry out the project. However, a clear evaluation, missing the connection between activities and partners is not possible"

This comment is not correct. As explained previously, our proposal clearly includes a connection between proposed activities and the corresponding responsible partner, as for all activities the responsible partner is named."

Comment #6 Justification:

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At WP level, the connection between activities and partners is present. However, for a better evaluation of the specific competences a connection between partners and tasks is suggested.
I strongly encourage the applicants to define the work plan not only with WP level but also at task level so as to be sure to allocate the right partner for each task.

"In his Overall comments the evaluator #1 mentions in his/her comments:
"Comment #7: Even if the ambition of the proposal is strong, well defined and in line with the scope of the call, the real added value for the end users is not well described"
As the reviewer himself/herself mentions, the impact analysis for the proposed solution is clearly defined and, as we also believe, substantial. The main factors where the solution will provide added value to end users are clearly stated for ***all*** *target groups in the "benefits of the collaboration" section of the proposal. Furthermore, the project foresees a quantification process for this added value via the production of a business model canvas as part of the work plan."*

Comment #7 Justification:
Even if the added value of the proposal has been described, information about the operational benefits for the end users (and future possible customers) is missing. Concrete benefits for the end users are usually described with real examples that demonstrate the innovation and make the commercial strategy stronger. I strongly suggest including some concrete examples in the next application.

""Comment #8: Operational KPIs are missing"
We don't understand this comment. The evaluator does not explain what are the operational KPIs that are missing, and in any case such KPIs were not described in the relevant requirements set by the call."

Comment #8 Justification:
It's strongly suggested to provide some Key Performance Indicators (KPIs – Cost reduction – Energy reduction – Productivity increase) to show how the proposed solution helps the end users/customers in a concrete situation. This kind of indicators are very important to demonstrate the real added value of the proposed solution and to make the commercial strategy strong and coherent.

""Comment #9: The competitor scenario is full of similar solution, not well described"
We don't understand this comment. The use of English language is poor. Our proposal includes a thorough analysis of the competition and clearly describes the

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differentiation of our solution, as well as the innovation and the unique value proposition of our approach."

Comment #9 Justification:

A clear overview about the benefits for the end users the proposed solution provides is not sufficiently described.
I strongly encourage the applicants, in a future application, to provide in a clear way the new functionalities introduced by the proposed solution.

""Comment #10: The preliminary business plan is coherent with the referent market"
This comment is contradictory to the comment #3 of the evaluator."

Comment #10 Justification:

In general, the proposed values provided in the commercial strategy are coherent with the generic information provided on the reference market. Taking into account the level of details of this information, it's not possible to have a thorough assessment. For example, the estimated growth, in the proposed period seems to be overestimated and in general it is not sufficiently justified.

""Comment #11: Work plan only sufficient described, costs a staff well described"
It is difficult to understand the substance of this comment as the use of English is again poor. To our understanding, the sentence states that the work plan is sufficiently described, and the relevant costs are also described with enough detail, and thus contradicts the previous #5 comment of the evaluator.
Moreover, we would like to stress that some of the comments of evaluator #2 do not correspond to the description of our proposal. More specifically, the evaluator #2 mentions in his/her comments for the evaluation of the implementation criterion: ***"The plan of activities is not really structured as a work-plan but covers all the steps needed to carry out the experiment according to the project's objectives. The time-plan requires further elaboration; the same applies to the justification for the personnel costs but, in general, the resource allocation is appropriate"***
We don't understand why the evaluator questions our workplan. Our proposal includes an evident work package structure with relevant activities and connection with the responsible partners. Moreover, the time plan is clearly described in the text. Regarding the personnel costs, we don't understand what kind of further justification is needed; we have clearly mentioned in our application the personnel costs per partner and the number of persons that will be involved in the implementation of the project, as well as their expertise."

Comment #11 Justification:

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In the proposed work plan, the activities are described at WP level. More specific information about the specific tasks are not present. I strongly suggest providing a workplan, with WP and tasks and describe each of them. The resource allocation is appropriate.

Sincerely yours

Digitally signed by NIKOLAOS VOROS
Date: 2020.12.14 21:25:42 +02'00'

Prof. Nikolaos Voros
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Annex 6 – Ethics Assessment Results

SELFSUSTAINED CROSS-BORDER CUSTOMIZEDCYBERPHYSICAL SYSTEM EXPERIMENTS FOR CAPACITY BUILDING AMONG EUROPEAN STAKEHOLDERS	Research Innovation Action Project Number: 872614 Start Date of Project: 01/01/2020 Duration: 48 months	Co-funded by the Horizon 2020 programme of the European Union

Proposal acronym	Self-declared issues YES/NO	If yes, what kind of issue	Do Selected Consortia mention how they will handle them?	Did the Ethics Experts found additional ethics issues?	Further requirement from Ethics Experts	Have Selected Consortia provided extra data to FBX?
AERIALS	No	-	-	Yes	The Ethics checklist and the Personal Information Sheet (as Anexxes in the Ethics Requirements Report), need to be completed, corresponding to the following: 1) Please, elaborate more about the UAVs (who owns them? Is it a private company? where do these UAVs send data? Who has access to these data? Who is processing the data? If UAVs fly autonomously or remotely, who is responsible for the proper "fly" and the avoidance of any possible risk nad/or damage? 2) Please, elaborate more about the geographical areas (you just mention Western Greece) in which the experiments will take place. (Who is the owner of the agricultural fields where the experiments will take place? Is there going to be any contract between the owner and the Leader of the FTTE Program? How is the relationship between the company owning the UAVs, the owners of the agricultural fields and the Leader of the Consortium will be formatted?) 3) Regarding the image reposiroty, we need to make sure that no pictures of human beings will be taken (if so, the relevant consent form need to be signed). Additionally, for how long is the "long-term preservation of imagery and sensory IoT data" (page 3)? Are there security rules, usage rights, access rights, anonymity (if needed)? 4) Have you examined the National and European Law for Waste Management in order to be sure about any possible Ethics issue?	
SMartY	Yes	-	SMartY will not process any sensitive personal data that arouse ethical issues. The payment module will utilise a 3rd-party PCI compliant processor which ensures that none of the sensitive data of the yachter are stored at any point. All the other information will be stored at tje SaMMY platfrom cloud infrastructure which is fully compliant with the GDPR EU Directive (2016/679) and the relevant Greek legislative framework which is provided by Law 4624 / 2019. SaMMY IoT platform has been designed to be fully compliant with GDPR, facilitating advanced privacy protection and anti-theft control techniques. Pseudonymization is applied when needed in a database lever which is supported by encrypted communication over SSL.	No	No Ethical issues identified. However, The SMART4ALL Ethics Experts need to know who controls these devices (page 3) and where is the information stored. Also, please describe the method of collaboration among the consortium and the clients.	

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EmBRACE	No	-	The consortium mentions that there is an existing pool of passengers and companies in which the experiment will occure (page 5). Also, the consortium mentions that is planning to test different use case scenarios according to the needs and the health protocols in the cruise and passenger shipping industry.	Yes	The Ethics checklist and the Personal Information Sheet (as Anexxes in the Ethics Requirements Report), need to be completed, corresponding to the following: 1) The GDPR data collected by the Project, needs to be analyzed (what kind of data? how is this data protected?, description of the method of collecting information to all the target groups (passengers, crew), processing it to keep important information and how to disregard unnecessary personal information). 2) Analysis of the targetgroups, the cooperation among them and the documents that need to be signed. Informing all parties about the scope of the Project, what access they have to their data and their rights to use, protect, delete, the data, etc. The experiment will only take place in Greece or, also, in Germany? 3) Analysis of the sentence in page 3, "monitoring and analyzing their behavior". Please, elaboare the meaning behind monitoring and analyzing passengers' and crews' behavior. How will you do that? 4) Maybe, you could also include an extra work-package focusing on the control and the Ethics insurance. 5) Even if there is an existing pool of protocols from previous experiments and collaborations, both with passengers and companies, we need new consent forms and GDPR form.	
EDIoT	No	-	-	No	No Ethical issues identified. However, The SMART4ALL Ethics Experts need to know who controls these devices (page 3) and where is the information stored. Also, please describe the method of collaboration among the consortium and the clients.	