



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

# **SMART4ALL**

An extensive network of Digital Innovation Hubs for boosting technology and business development in South, Eastern and Central Europe

**Nikolaos Voros**

University of Peloponnese

*SMART4ALL Project Coordinator*



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

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

[www.smart4all-project.eu](http://www.smart4all-project.eu)  
Grant Agreement: 872614

# SMART4ALL ID Card



Funded by the Horizon 2020  
Framework Programme of the  
European Union



**DT-ICT-01-2019: *Smart Anything low energy computing Everywhere – Area 2: Customized powering CPS and the IoT***

## Project information

# SMART4ALL

**Grant agreement ID: 872614**

Status

**Ongoing project**

Start date

**1 January 2020**

End date

**31 December 2023**

Funded under:

**H2020-EU.2.1.1.**

Overall budget:


€ 8 660 872,50

**EU contribution  
€ 7 997 647,50**



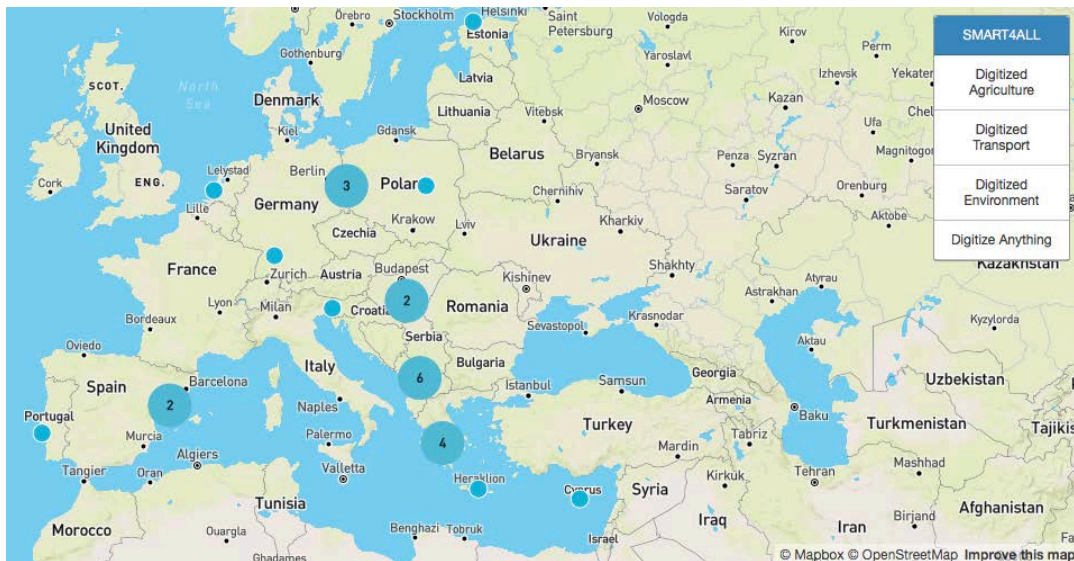
Coordinated by:

**UNIVERSITY OF PELOPONNESE**

 **Greece**

# SMART4ALL Consortium

- 25 partners originated from **South, Eastern & Central Europe**
- The consortium is composed of universities, research institutes, investors, networking organizations, SMEs, Innovation Hubs and NGOs

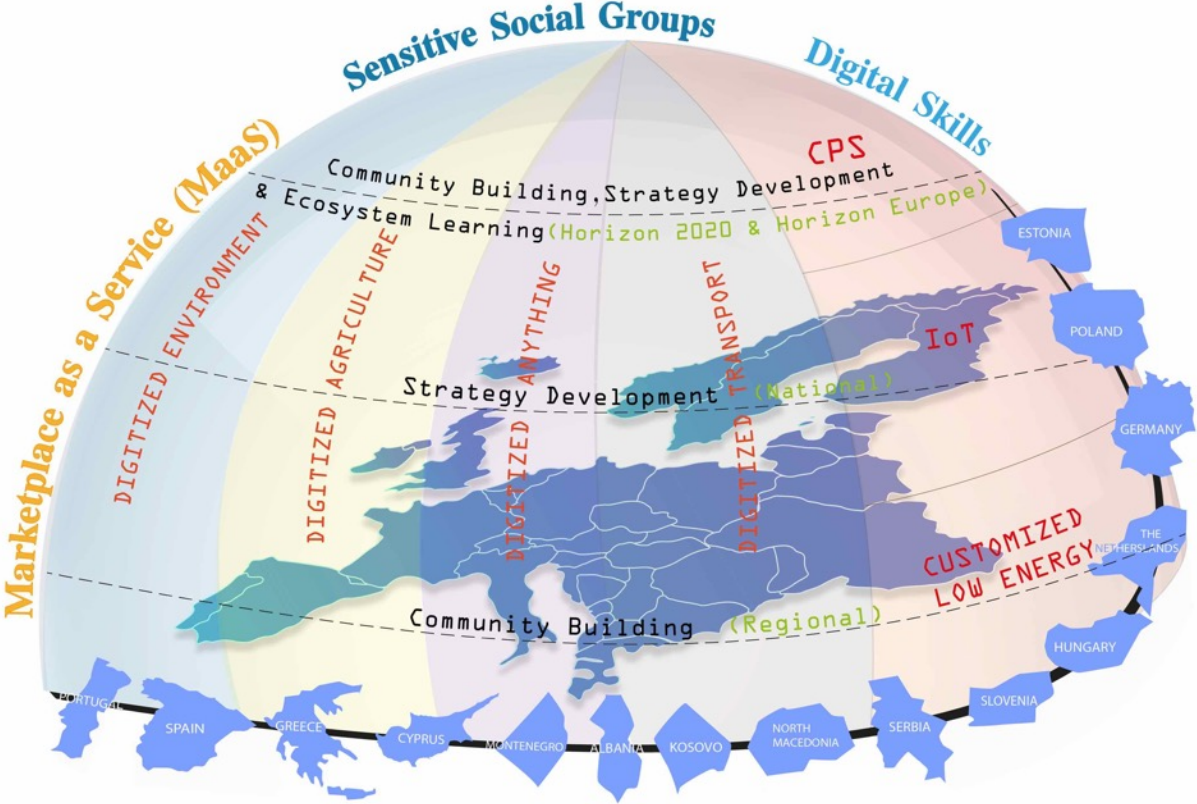


Diversity in Partners Expertise	Geographic Diversity (15 countries)	
Universities: 10	Albania: 1	Montenegro: 1
Research institutes (R&D): 3	North Macedonia: 2	Poland: 2
Research institutes (BizDev): 1	Cyprus: 1	Portugal: 1
SMEs (R&D): 6	Estonia: 1	Serbia: 1
SMEs (BizDev): 2	Germany: 3	Slovenia: 1
Innovation Hubs: 1	Greece: 5	Spain: 1
NGOs: 1	Hungary: 1	The Netherlands: 1
	Kosovo: 2	

# SMART4ALL in a Nutshell

- **Vision:** To build capacity amongst European stakeholders by joining different cultures, different policies, different geographical areas and different application domains
- **How:** Through the development of self-sustained, cross-border experiments that transfer knowledge and technology between *academia* and *industry*
- **Technological Areas:** Customized low energy computing (CLEC) & IoT
- **Application Areas:** Digitized Environment, Digitized Agriculture, Digitized Anything and Digitized Transport

# SMART4ALL Vision



# SMART4ALL Objectives

- Bring innovative Customized Low Energy Computing (CLEC) CPS and the IoT technologies to **underrepresented business sectors**
- Unlock South-Eastern parties' potentials through **links to investors** across value chains and regions in order to accelerate CLEC CPS/IoT solutions development and industrialization
- **Develop/offer novel tools** to boost the use of CLEC CPS and the IoT technologies Europewide
- To **ensure post-project sustainability and growth** of the SMART4ALL experiments & DIHs network
- To bring innovative CLEC CPS and the IoT technologies in the lives of **sensitive social groups**
- To support **Digital Skills & Jobs policy of European Commission**

# SMART4ALL An Extensive Network of DIHs

An extensive network of Digital Innovation Hubs for boosting technology and business development in South, Eastern and Central Europe

## Ecosystem Services:

- Access to SMART4ALL network/ecosystem
- Identify funding opportunities
  - ✓ SMART4ALL Open Calls
  - ✓ Local and European funding frameworks
- Application oriented **ethics coaching**
- Interconnection with other networks/ecosystems



## Business Services:

- Application oriented **coaching for business development**
- Partner search and business matchmaking
- Online training courses

## Technological Services:

- Application oriented **technological coaching**
- Access to state-of-the-art infrastructures & services
- Technological matchmaking
- Online training courses

# SMART4ALL PAE Types

## PAE

### *Pathfinder Application Experiments*

#### KTEs

*Knowledge Transfer Experiments*

**Funding:** 8K Euros

**Type:** Internship

#### FTTEs

*Focused Technology Transfer Experiments*

**Funding:** 80K Euros

**Type:** Project

#### CTTEs

*Cross-domain Technology Transfer Experiments*

**Funding:** 80K Euros

**Type:** Project

- **Internal:** 21 FTTE (vertical) will be developed by SMART4ALL
- **External:** 67 KTEs/FTTEs/CTTEs will be developed via open call funding



# SMART4ALL PAE Cut Off Dates

PAE Type		Call 1	Call 2	Call 3
Knowledge Transfer Experiments (KTE)	Call Announcement	Apr 15th, 2020	Mar 2021	Mar 2022
	Submission Deadline:	Jul 15th, 2020	May 2021	May 2022
Focused Technology Transfer Experiments (FTTE)	Call Announcement	Jul 1st, 2020	Jun 2021	Jun 2022
	Submission Deadline:	Sep 30th, 2020	Aug 2021	Aug 2022
Cross Domain Technology Transfer Experiments (CTTE)	Call Announcement	Dec 2020	Sep 2021	Sep 2022
	Submission Deadline:	Feb 2021	Nov 2021	Nov 2022

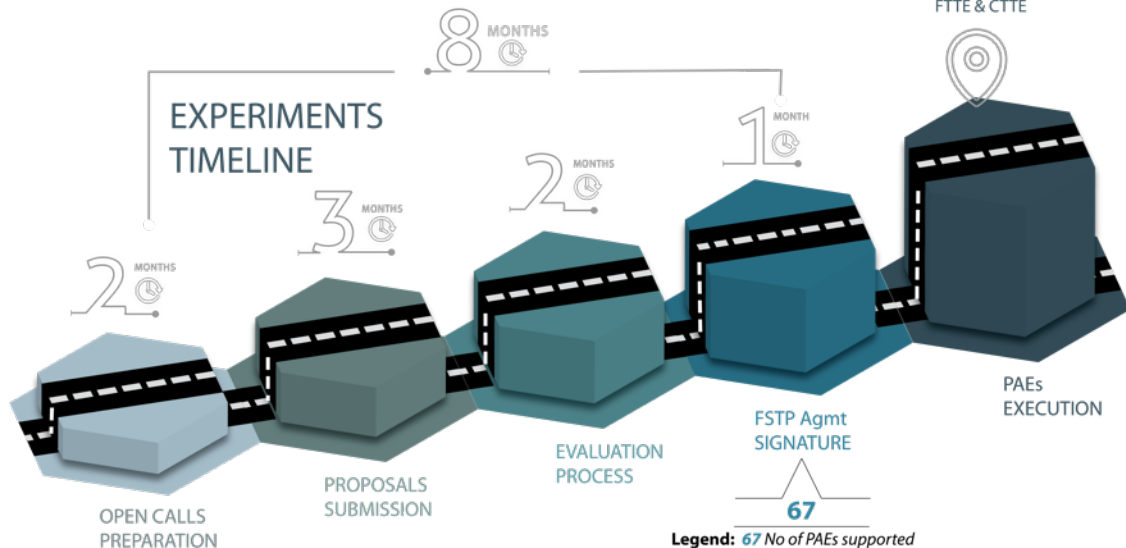
# SMART4ALL PAE Application Stages

APPLY NOW



## Fast Turn-around

Submissions are managed by FBA in an efficient and rapid way that is transparent, free of conflicts of interest, confidential and non-discriminatory, in order to ensure equal treatment of all participants.

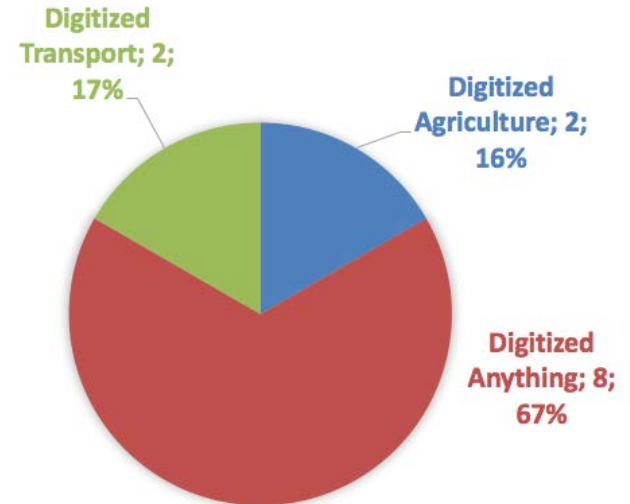
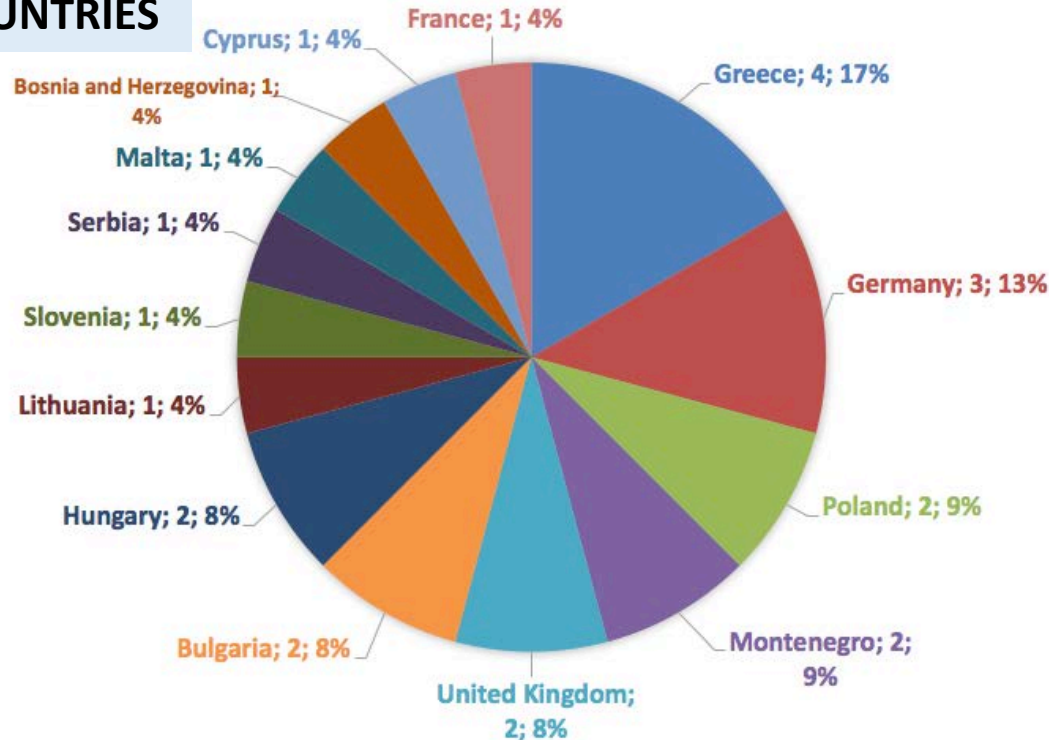


# Open Call 1 - Statistics for submitted KTEs (1)

## Applications by Country and Vertical

Submitted: 12

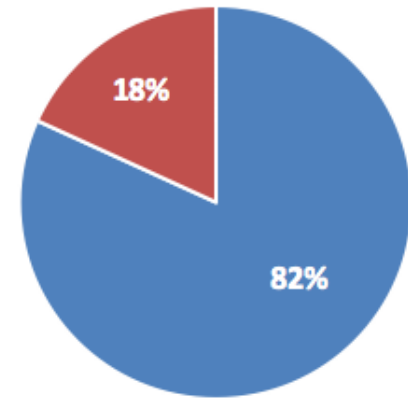
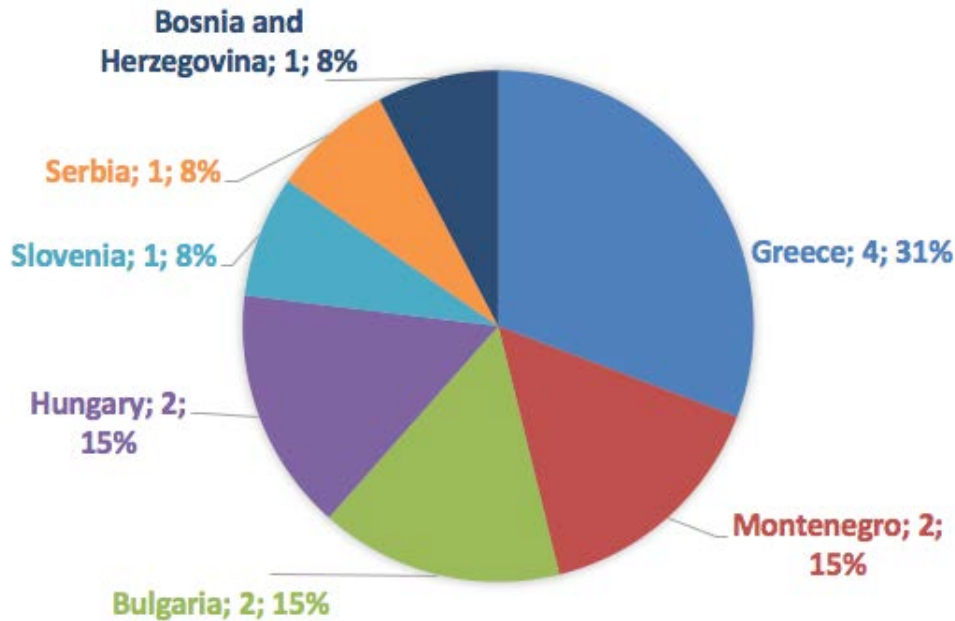
### COUNTRIES



### VERTICALS

# Open Call 1 - Statistics for submitted KTEs (2)

## Distribution of applications including SEE countries



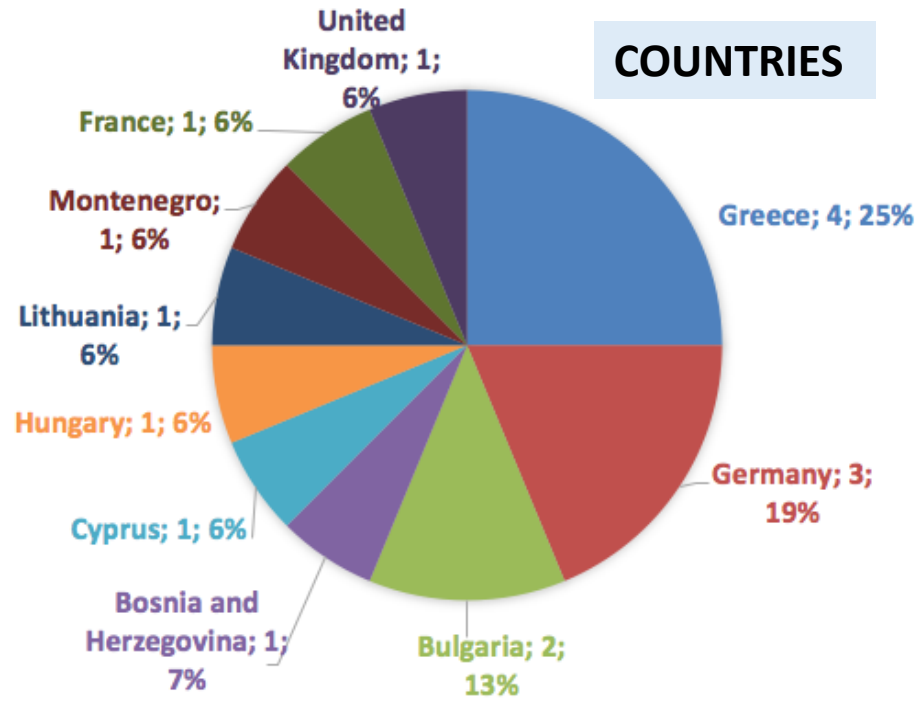
- Applications with SEE Country
- Applications with No SEE Country

# Open Call 1 - Statistics for funded KTEs

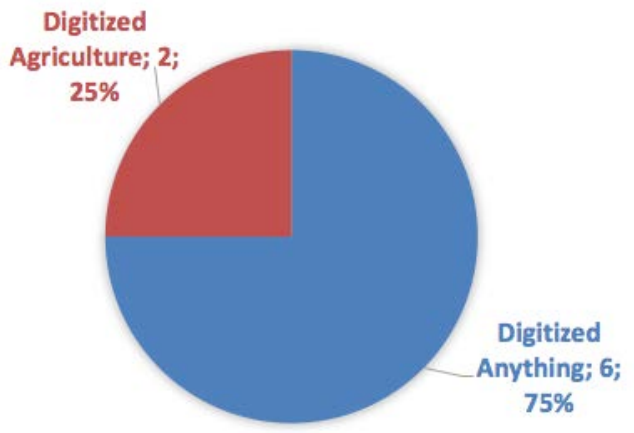
KTE selected proposals by Country and Vertical

Selected: 8  
KPI: 15

COUNTRIES



VERTICALS



# Join now SMART4ALL Network !

Join now SMART4ALL Network in South, Eastern and Central Europe by:

- Subscribing to SMART4ALL newsletter:  
<https://smart4all-project.eu/joinus>
- Using SMART4ALL matchmaking services:  
<https://matchmaking.smart4all-project.eu>
- Applying to SMART4ALL Open Calls:  
<https://smart4all-project.eu/opencalls-apply-now>
- Employing SMART4ALL marketplace:  
<https://smart4all-project.eu/marketplace>



# SMART4ALL Social Media

Follow SMART4ALL on:



<https://www.linkedin.com/groups/12369183>



[https://twitter.com/Smart\\_4All](https://twitter.com/Smart_4All)

facebook

<https://www.facebook.com/SMART4ALL.Project>



<https://www.youtube.com/channel/UCwmSl9LCl2vNBO-3k75dvJA>

***... and stay up to date for the latest SMART4ALL news, activities & funding opportunities !***

# SMART4ALL Contact persons

## Project Coordinator



**Prof. Nikolaos Voros**

University of Peloponnese,  
Greece


 voros@uop.gr

## Central Europe Contact



**Prof. Michael Huebner**

Brandenburg University of  
Technology, Germany


 huebner@b-tu.de

## East Europe Contact



**Prof. Tamás Kovács házy**

Budapest University of  
Technology and Economics,  
Hungary

 khazy@mit.bme.hu

## Balkan Contacts



**Prof. Radovan Stojanovic**

Mediterranean Excellence in  
Computing and Ontology,  
Montenegro

 stox@ac.me

## South Europe Contacts



**Prof. Fransisco Blanes**

Polytechnic University of  
Valencia, Spain

 pblanes@ai2.upv.es



**Prof. Betim Cico**

Metropolitan Tirana  
University, Albania

 betim.cico@gmail.com



**Dr Kostas Troulos**

PRAXI Network,  
Greece

 troulos@praxinetwork.gr



# Thank you for your attention – Questions?

