

SELFSUSTAINED 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

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University of Peloponnese SMART4ALL Technical Manager



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

DT-ICT-01-2019 Smart Anything Everywhere Area 2 www.smart4all-project.eu Grant Agreement: 872614

## **SMART4ALL ID Card**



**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 End date 31 December 2023 1 January 2020 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 in a Nutshell**

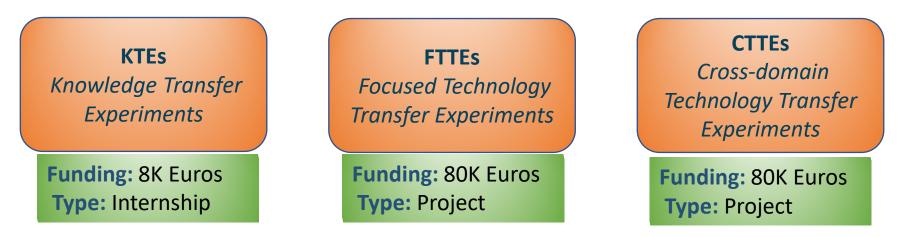
- Vision: To build capacity amongst European stakeholders by joining different cultures, different policies, different geographical areas and different application domains
- How: Through the development of selfsustained, cross-border experiments that transfer knowledge and technology between academia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

## **SMART4ALL Objectives**

- 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 PAE Types**

**PAE** Pathfinder Application Experiments



- Internal: 21 FTTE (vertical) will be developed by SMART4ALL
- External: 67 KTEs/FTEs/CCTEs 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 15th, 2022
	Submission Deadline:	Sep 15th, 2020	Jun 15th, 2021	June 15th, 2022
Focused Technology Transfer Experiments (FTTE)	Call Announcement:	Jul 1st, 2020	Jun 15th, 2021	Jul 15th, 2022
	Submission Deadline:	Sep 30th, 2020	Sep 15th, 2021	Oct 17th, 2022
Cross Domain Technology Transfer Experiments (CTTE)	Call Announcement:	Dec 1st, 2020	Oct 15th, 2021	Oct 21th, 2022
	Submission Deadline:	Mar 15th, 2021	Jan 17th, 2022	Jan 17th, 2023

## **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

SMART4 AI

## **SMART4ALL** High Performance Computing Center

SMART4ALL offers to the members of its network/ecosystem, via a state-of-the-art **High Performance Computing Center (HPCC)**, the following bouquet of services :

- Software-as-a-Service (SaaS)
- Hardware-as-a-Service (HaaS)
- Scalable architecture to meet high workloads and provide 24/7 availability
- 24/7 support by technology experts
- High speed network interconnection via GRNET backbone
- Open source software employed from virtualization to application layer

### SMART4ALL **High Performance Computing Center (HPCC)** is hosted and maintained by



Electrical & Computer Engineering Department

UNIVERSITY OF PELOPONNESE



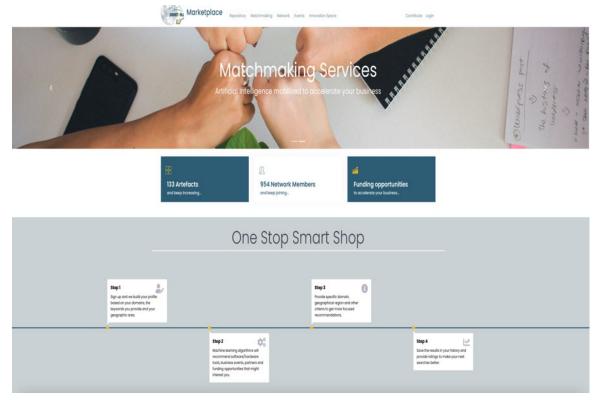
LAD Embedded System Design & Applications Laboratory

## **SMART4ALL Tools – Marketplace-as-a-Service**

https://marketplace.smart4all-project.eu/

Marketplace-as-a-Service (MaaS) provides an onestop-smart-shop for:

- Applying Pathfinder Application Experiment (PAE) for funding
- Monitoring, supporting and advertising the PAEs funded via SMART4ALL open calls
- Coaching for identifying business development and funding opportunities



## **SMART4ALL Tools – Marketplace-as-a-Service**

https://marketplace.smart4all-project.eu/

### **Tools/Services/Education material**

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### Matchmaking

#### Services

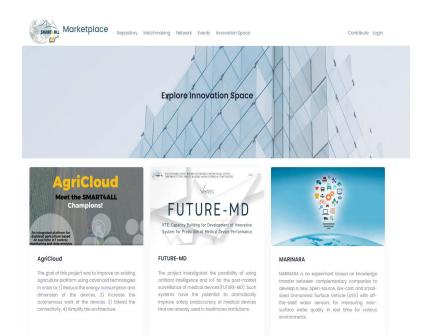
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#### **Embedded System Design & Applications Laboratory**

## **SMART4ALL Tools – Marketplace-as-a-Service**

### https://marketplace.smart4all-project.eu/

#### **Success Stories**



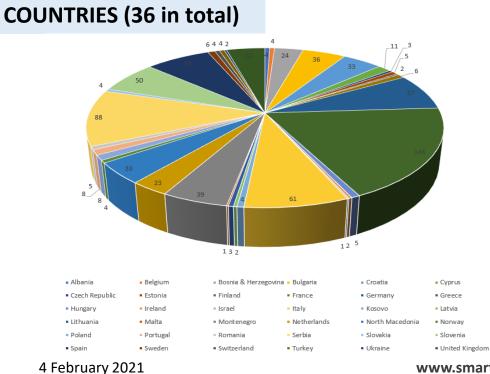
#### **Network Information**

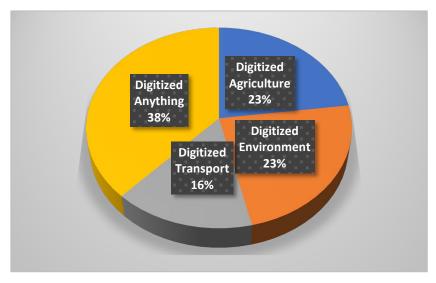


#### **Embedded System Design & Applications Laboratory**

## **Open Call Statistics (8 open calls)**

## **Applications per Country and Vertical**





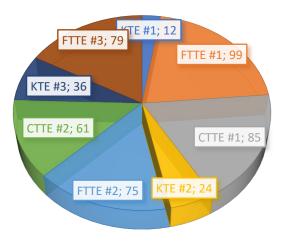


#### www.smart4all-project.eu

## **Open Call Statistics (6 open calls)**

#### **Allocation per call**

### **APPLICATIONS PER OPEN CALL**



### **471** proposals

### **PAEs funded**

- 59 PAEs have been selected for funding with an overall amount of 1.624.000 €
- □ 43 Knowledge Transfer Experiments – 8K €. 344K in total
- B Focused Technology
   Transfer Experiments 80K
   €. 640K in total
- B Cross-domain Technology Transfer Experiments – 80K
   €. 640K in total

## Join now SMART4ALL Network !

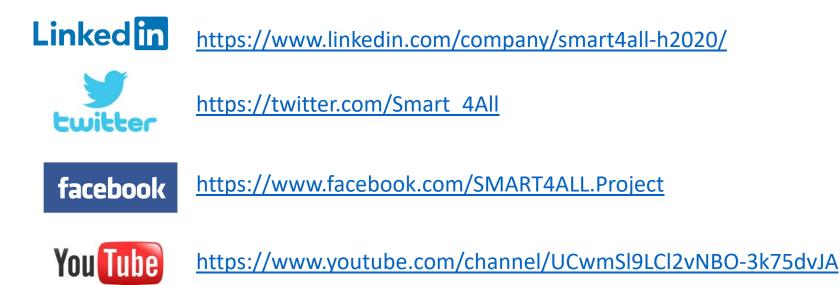
### Join now SMART4ALL Network in South, Eastern and Central Europe by:

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



## **SMART4ALL Social Media**

### Follow SMART4ALL on:



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

13 December 2022

www.smart4all-project.eu

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## **Thank you for your attention – Questions?**

