SELFSUSTAINED CROSS-BORDER CUSTO**M**IZED
CYBERPHYSIC**A**L SYSTEM EXPE**R**IMEN**T**S
FOR C**A**PACITY BUI**L**DING AMONG EUROPEAN STAKEHO**L**DERS

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

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 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

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/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

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

ESDA LAB

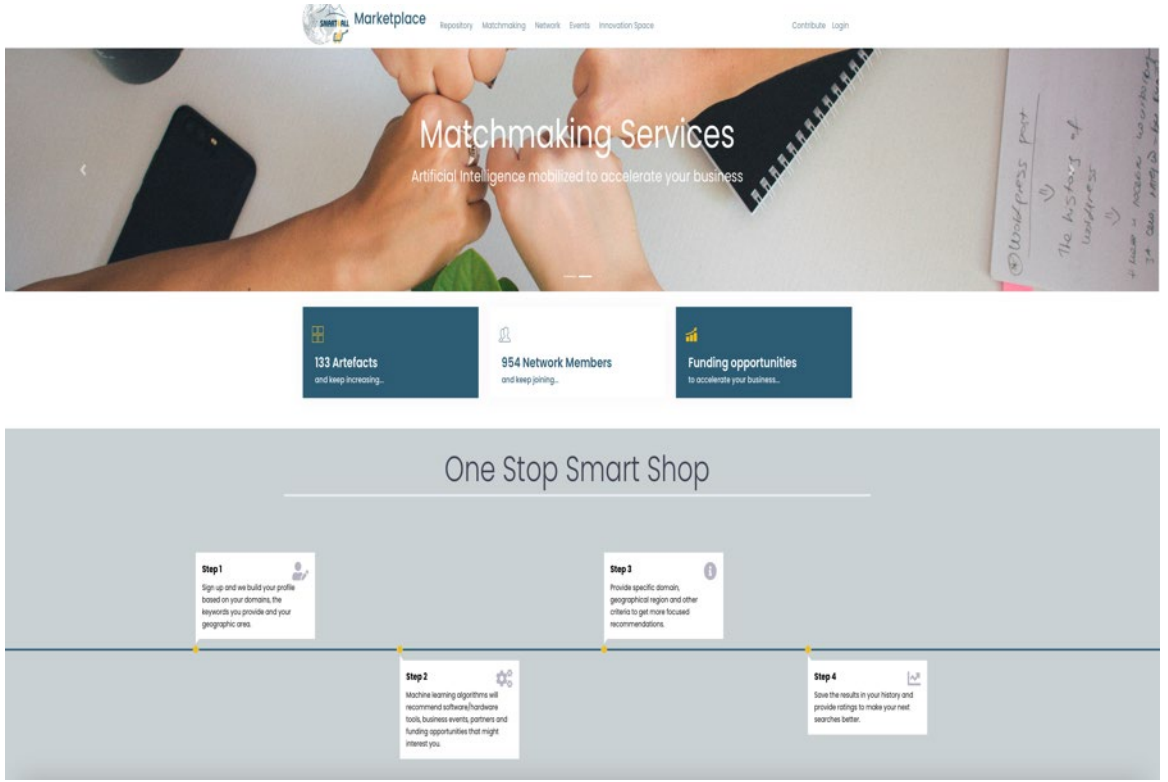
Embedded System Design & Applications Laboratory

SMART4ALL Tools – Marketplace-as-a-Service

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

Marketplace-as-a-Service (MaaS) provides an **one-stop-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

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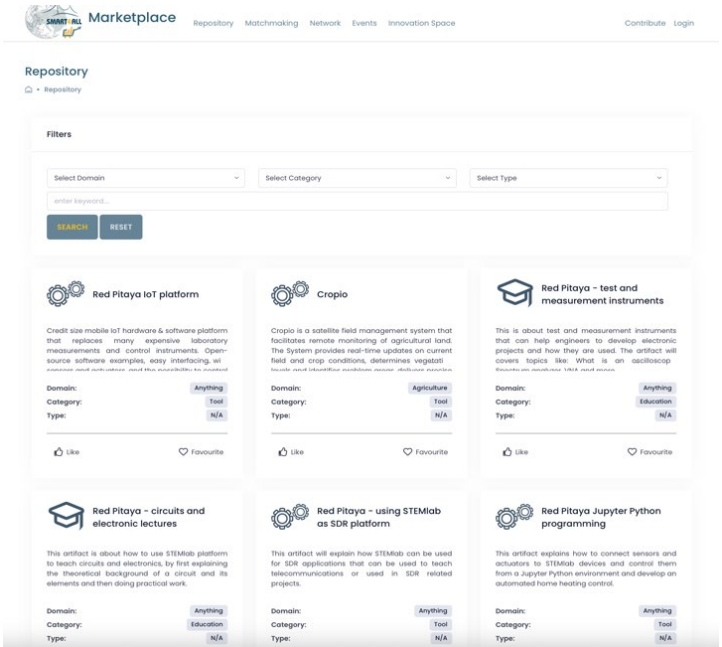
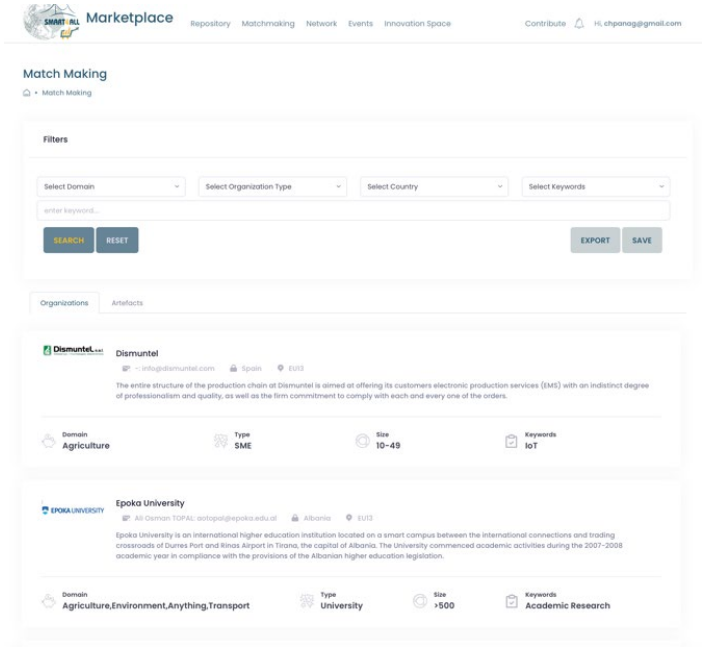
Tools/Services/Education material Repository



Matchmaking Services



SMART4ALL Tools – Marketplace-as-a-Service

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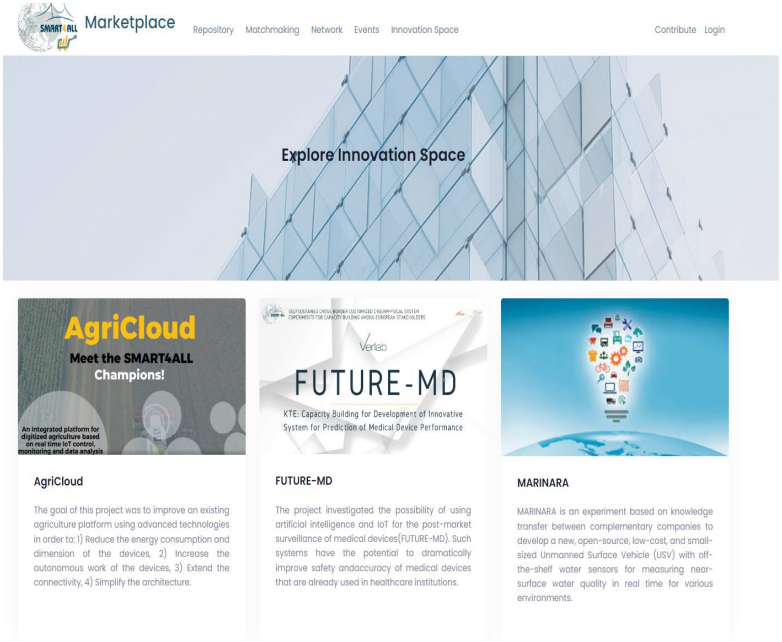
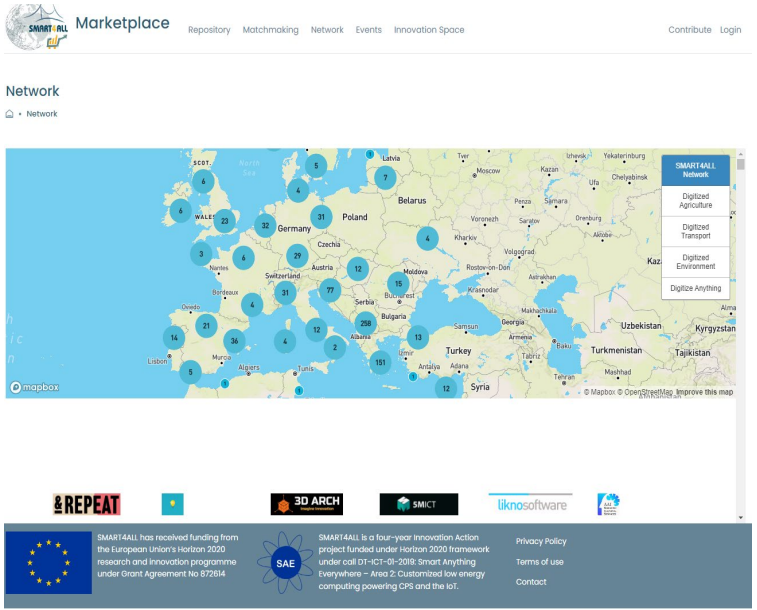
Success Stories



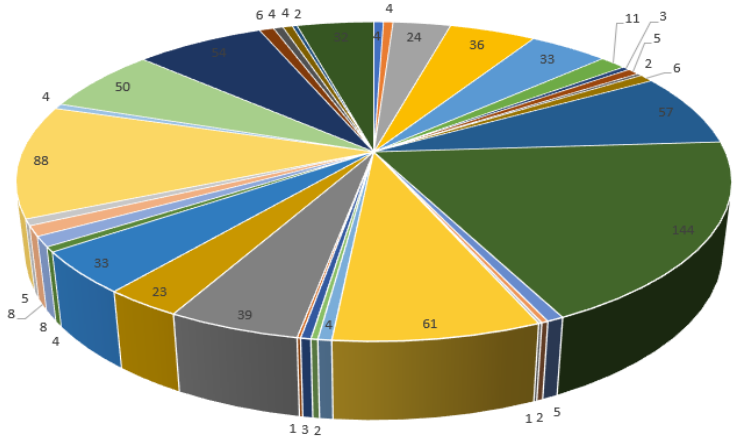
Network Information



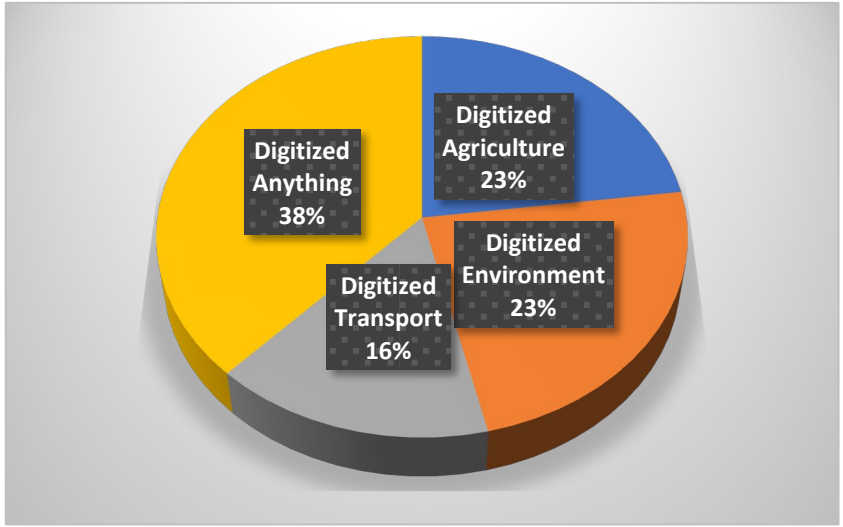
Open Call Statistics (8 open calls)

Applications per Country and Vertical

COUNTRIES (36 in total)



- Albania
- Belgium
- Bosnia & Herzegovina
- Bulgaria
- Croatia
- Cyprus
- Czech Republic
- Estonia
- Finland
- France
- Germany
- Greece
- Hungary
- Ireland
- Israel
- Italy
- Kosovo
- Latvia
- Lithuania
- Malta
- Montenegro
- Netherlands
- North Macedonia
- Norway
- Poland
- Portugal
- Romania
- Serbia
- Slovakia
- Slovenia
- Spain
- Sweden
- Switzerland
- Turkey
- Ukraine
- United Kingdom

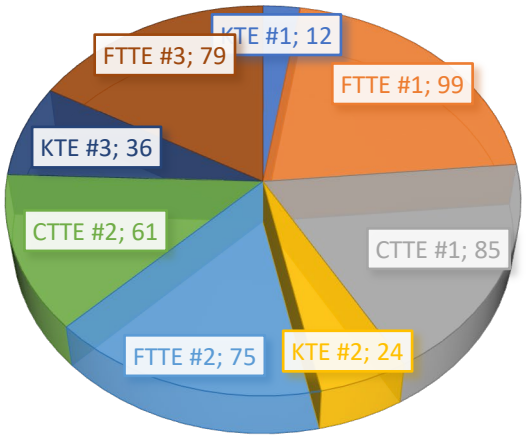


VERTICALS

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
- ❑ 8 Focused Technology Transfer Experiments – 80K €. 640K in total
- ❑ 8 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: https://smart4all-project.eu/joinus
- Using SMART4ALL matchmaking services: https://marketplace.smart4all-project.eu/matchmaking
- Applying to SMART4ALL Open Calls: https://smart4all-project.eu/opencalls-apply-now
- Employing SMART4ALL marketplace: https://marketplace.smart4all-project.eu/

SMART4ALL Social Media

Follow SMART4ALL on:

https://www.linkedin.com/company/smart4all-h2020/

https://twitter.com/Smart_4All

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 !

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Thank you for your attention – Questions?