



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

SMART4ALL
3rd (CTTE) Webinar
MarketPlace & Services

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of the European Union

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Smart Anything Everywhere Area 2

www.smart4all-project.eu
Grant Agreement: 872614

In relation to Project Objectives

To ensure post-project sustainability and growth of the SMART4ALL experiments and DIHs network

- SMART4ALL MaaS facilitates brokerage of Pathfinder Application Experiments (PAEs)
- Mature service attracting customers in the post-project period.
- Provide the right tools
- Provide the right services
- Provide the right resources

The SMART4ALL Added Value Services

Post-project sustainability and growth

- Each SMART4ALL funded project will receive
 - Technical coaching services
 - Business coaching services
 - Ethics coaching services (if required)
- Assigned coach will offer support and guidance throughout the project based on specific plan defined between involved parties
 - Specific forms will be completed periodically and guidelines will be provided based on them by experts
 - Recommendations will be provided during and after the end of the project

SMART4ALL Infrastructure

SMART4ALL offers to the members of its network/ecosystem cloud computing services through state-of-the-art hardware & software infrastructure:

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

4 December 2020

www.smart4all-project.eu

SMART4ALL infrastructure is hosted and maintained by



UNIVERSITY OF PELOPONNESE



**ESDA
LAB**

Embedded System
Design & Applications
Laboratory

SMART4ALL Infrastructure

ESDA Lab Data Center

8 Rack Mounted High Performance Servers

Total CPUs: **164**

Total Memory: **1.216 GBytes**

Type 1 Hypervisors: VMWARE ESXi / Proxmox
Virtualization Technologies

**Next Generation Firewalls (HGFW) -
Hardware / High Availability Cluster**

Double hardware firewalls

**Storage Area Network (SAN) - Fibre
Channel (FC @ 16 Gbps) Infrastructure**
Capacity: **20 TBytes**

**Network Attached Storage (NAS @
1 Gbps) Infrastructure**
Capacity: **30 Tbytes**

Specialized High Performance Computing Nodes
FPGA and GPU Cluster Provision

The SMART4ALL Added Value Services

Project Management Tools Support & Maintenance

- Each SMART4ALL funded project will receive a dedicated Next Cloud based infrastructure offering user-friendly, configurable, extensible and open collaborative and project management tools
 - File repository
 - Collaborative tools
 - Calendar
 - Task management tools
 - Reporting tools
 - Any more...
- SMART4ALL consortium will offer technical support, monitoring and maintenance to these tools

SMART4ALL Tools – Matchmaking Service

<https://matchmaking.smart4all-project.eu>

SMART4ALL Matchmaking & Partner Search

Support Center Home New Search Check Search Status

SMART4ALL Matchmaking & Partner Search Service

SMART4ALL is an extensive network of Digital Innovation Hubs for boosting technology and business development in **South, Eastern and Central Europe** in the following domains:

- Digitized environment
- Digitized agriculture
- Digitized anything
- Digitized transport

Through SMART4ALL Matchmaking & Partner Search Service you have access to SMART4ALL ecosystem for:

- **Matchmaking** among technological partners as well as between technological and business parties, based on specific requirements, offerings and characteristics.
- **Partner search** for SMART4ALL [Open Calls](#).

To use the service:

- Choose **New Search** in order to provide you company/institute details and specify the type of partner you are looking for.
- Choose **Check Search Status** in order to obtain an access link for viewing a previously submitted search request.

SMART4ALL Self-sustained Cross-Border Customized Cyberphysical System Experiments for Capacity Building among European Stakeholders. SMART4ALL has received funding from the European Union's Horizon 2020 research and innovation programme under Grant Agreement No. 872614

New Search
Check Search Status

SMART4ALL Matchmaking & Partner Search

Support Center Home New Search Check Search Status

New Search

Please fill in the form below to create a new Search Ticket.

Contact Information

IMPORTANT NOTICE:
The Email Address & Full Name are required fields for creating a new Search Ticket to the "SMART4ALL Matchmaking & Partner Search Service"

Email Address *

Full Name *

Help Topic

SMART4ALL Matchmaking Info

SMART4ALL Matchmaking & Partner Search Service: ORGANIZATION

Your Organization:

Name *

Expertise *

Country *

— Select —

Type *

— Select —

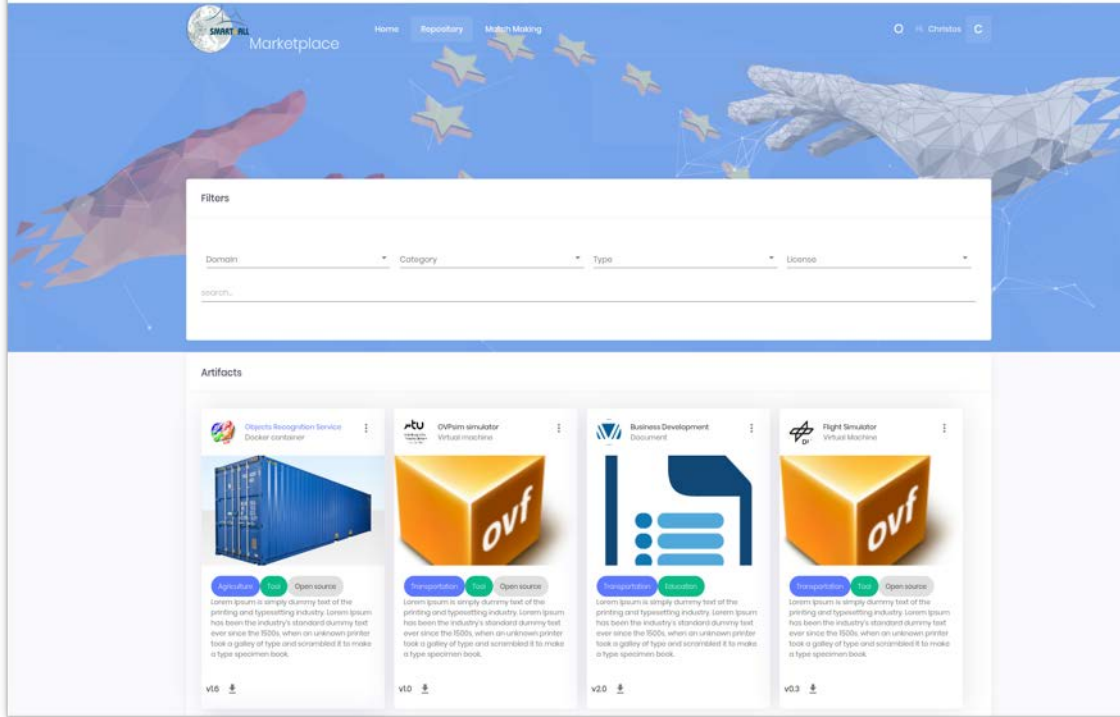
- Assistance to find the right partner and form competitive consortia
- v1: Leverage SMART4ALL Partners ecosystems
- v2: + exploit automatic search through the SMART4ALL network comprised by more than 250members (**available from 2/12/2020**)
- v3: + Integrate AI techniques to optimize matchmaking and minimize delays

Marketplace as a Service Concept is one the cornerstones/flagships of Smart4ALL

- **What is it ?** A novel one-stop-smart-shop for experts and non-expert third parties seeking (open-source mainly) ICT technologies
- **What is its main target ?** reduce the development time of an startup /SME/mid-cap that is doing business in one of the four SMART4ALL thematic areas
- **Unique selling point:** AI based match-making and collaboration activities will be hosted in the MaaS

The MarketPlace SW infrastructure

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



Marketplace follows the **microservices** paradigm where all the functionality is given as a set of **loosely coupled services powered by containerization technology**

MaaS includes:

- Open and proprietary cloud services
- Open and proprietary computing and communication platforms
- Open-source tools and middleware frameworks
- Open-source design tools Training (model-based) open course

SMART4ALL Tools – Project Website

<https://www.smart4all-project.eu>

SMART4ALL

Project Marketplace Network Open Calls Resources Meet our Team Join Us COVID 19 CONTACT Private Space APPLY

Matchmaking

Reinventing Collaboration

SMART4ALL

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

- Project news
- Access to SMART4ALL services
- Access to SMART4ALL Network in SEE
- Open call announcement
- Apply for SMART4ALL Open Calls

First Open Call for Knowledge Transfer Experiments - Submission Countdown

42 04 09 15
Days Hours Minutes Seconds

SMART4ALL Social Media

Follow SMART4ALL on:



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



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 !

Thank you for your attention – Questions?

