

Join us in the Cyber-Physical Systems revolution!

HUBCAP programme

Professor Peter Gorm Larsen , Aarhus University (overall coordinator)

15th of October 2020

www.hubcap.eu

Who we are

Innovation Action co-financed by the European Commission, DT-ICT-01-2019 Smart Anything Everywhere initiative.

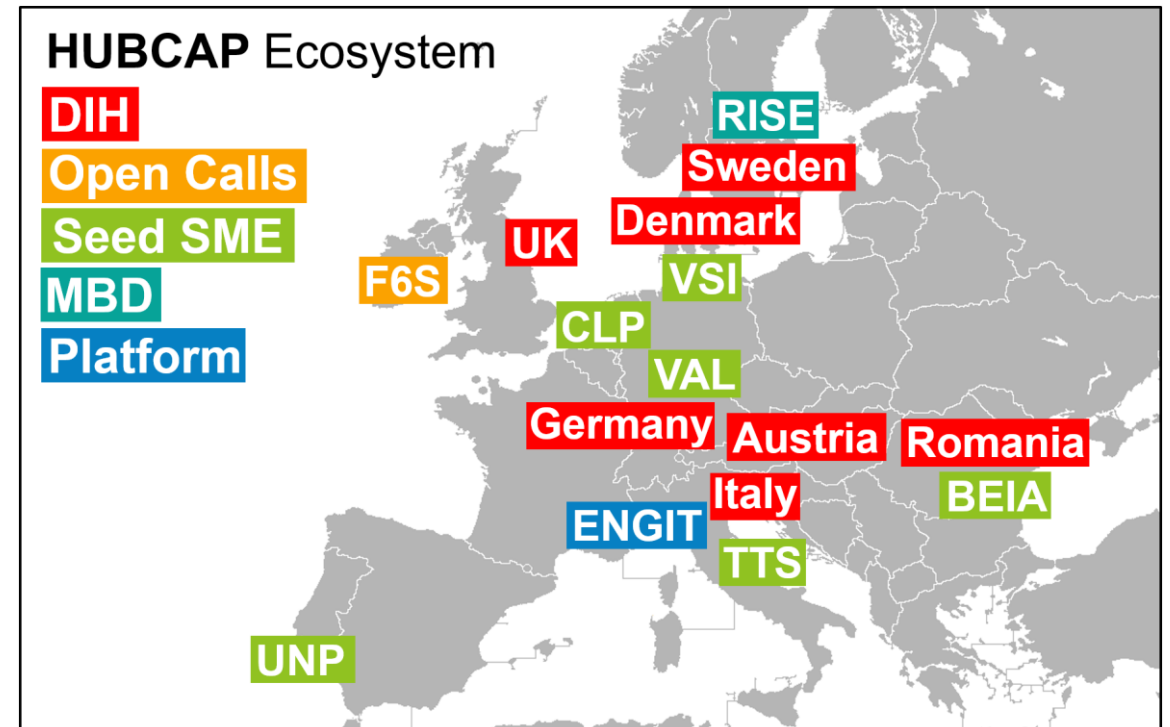
Coordinator Aarhus University, Denmark

Project duration January 2020 - December 2022, 36 months

Total EC contribution EUR ~7.95M

HUBCAP will provide a one-stop-shop for European SMEs wanting to join the Cyber-Physical Systems (CPS) revolution using Model-Based Design (MBD) techniques.

Vision Lower barriers for SMEs to realize the potential of growing autonomy in CPS by accessing advanced model-based design (MBD) technology, providing training and guidance.



What we offer

Network of DIHs:

- Inventory of service offerings
- Ecosystem building
- Cross-DIH collaboration
- Network sustainability

Seed SMEs

- Enabling quicker start for the platform
- Early-stage prototypical usage of HUBCAP
- Awareness-raising demonstrations

Collaboration Platform:

- Cloud-enabled, based on DIHIWARE
- “Access to” and “Collaborate with”:
 - Ecosystem
 - Community-building
 - Marketplace
 - Sandbox

Open Calls

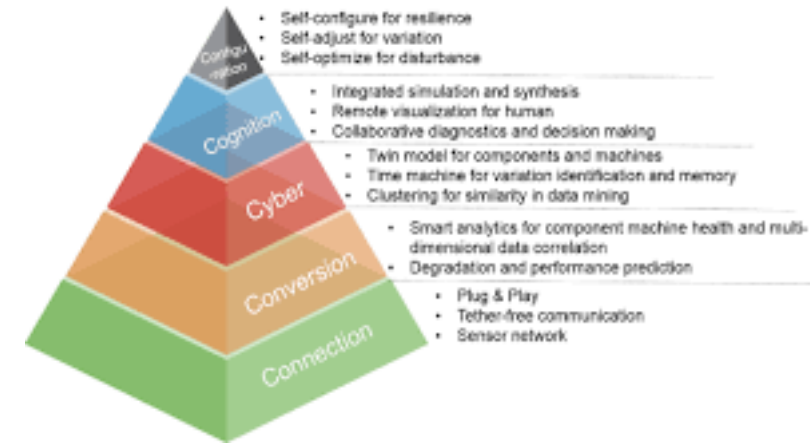
- Engage early-adopters
- 3 open call series

Model-Based Design:

- Populating the platform
- Enabling model-based services in sandbox
- Multi-user, validation and logging capabilities



- Initial investments in getting into MBD
 - Choosing MBD notation(s) and tool(s)
 - Downloading, installing tools (and their dependencies)
 - Buying licenses for the internal seats to use MBD
 - Training internal stakeholders in the chosen MBD
- Main benefits would not come in first project
- Business model in moving towards autonomy unclear



- The Collaboration Platform supporting MBD
- Adding MBD models and tools to platform
- The collaboration of Digital Innovation Hubs
- The opportunities for SMEs from Open Calls
- Plan for sustainability using non-for-profit organisation





- Limit initial investment for newcomers (get an online sandbox capability, free to use)
- In particular SMEs typically closely collaborate/deliver to larger organisations (collaboration platform, pay as you go rather than licences per seat)
- Getting SMEs started with first projects using MBD (DIHs will support for these, but since they have different strengths get them to collaborate)
- Getting funding enabling investment (open calls)
- Use this to start filling the collaboration platform (the seed SMEs + first open call round)

HUBCAP consortium consists of 17 partners, from 10 countries.



AARHUS UNIVERSITET



ULBS

Universitatea "Lucian Blaga" din Sibiu



HUBCAP has a €3.2 million equity-free fund for SMEs to experiment and innovate with digital technologies



Call #1 Pull

Does your SME/midcap provide existing and marketable CPS & MBD tools and services? Integrate your asset in the HUBCAP platform and find potential new customers and collaborators in the subsequent open calls.

1000€
per SME



Call #2 Experiment

Is your SME/midcap looking to embrace digital innovation? Connect with a supplier from the HUBCAP platform and receive tailormade support and services to co-create and experiment with CPS & MBD tools.

30,000€ to 75,000€
per consortium of 2 SMEs



Call #3 Innovate

Develop and implement highly innovative and challenging CPS & MBD experiments. Create new products and services and benefit from business and technical support from the HUBCAP experts for highest impact.

Up to 200,000€
per consortium of 2-3 SMEs

Non-EU/SMEs are also welcome to share their assets, but cannot apply to the OCs!

Call PULL is looking for **innovative European SMEs** providing digital technologies in multiple application domains.

Call #1.2

Receive 1000€ lump sum & support services

Sell your assets in the HUBCAP platform

APPLY NOW

**Applications to Call #1.2 are open
until 30 November 2020 (17h00 CEST)**

THANK YOU !!

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