

HORIZON 2020

Fostering DIHs for Embedding Interoperability in Cyber-Physical Systems of European SMEs



Open Call 2

Call for Proposals for DIHs within the field of Cyber-Physical and Embedded Systems

Grant Agreement:
872548



FULL TITLE OF Digital Innovation Hub (DIH)	
DIH abbreviated name (if applicable)	
Entity representing DIH	
Entity Type ¹ (SME / University, etc.)	
Country and Region	
PIC	
EC enrolled? (Yes/No)	
Sector	

¹ SME/MidCap/Large Enterprise/Non-profit organization/Research Centre

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1. DIH Profile (2 page)

- Describe the objectives of the DIH in a clear, verifiable, relevant and realistic manner
- Describe the composition of the DIH and its wider group of partners
- What services does the DIH provide related to Cyber-Physical and Embedded Systems (CPES)?
- Describe the growth and future trajectory of the DIH. How has the DIH adapted and developed since its inception?
- Does the DIH engage in cross-border services and actions with other DIHs or organizations?

2. Technology aspects covered by the DIH (2 pages)

- Provide an indication of the range of technologies that are covered by the DIH
- Which technology is the most commonly used in the DIH?
- Is there a specific technology that is unique and sets the DIH apart from others?
- Provide an example of 3 services provided to SMEs in CPS (for each of the above)

3. Added value to be brought by the DIH to the DIH4CPS network (3 pages)

- DIHs are encouraged to think about how they might deepen, widen and strengthen the DIH4CPS network
- Provide a short explanation of how inclusion in the DIH4CPS would benefit the DIH
- *Deepening the network*

What technological innovation, capabilities and specialization will the DIH add to the network that it currently lacks?

- (E.G. A particularly novel and innovative use of Artificial Intelligence)

- *Strengthening the network*

How would the DIH contribute to 'ecosystem building' and facilitate interaction and aid complementarity between existing DIH4CPS DIHs and SMEs?

- (E.G. Producing a 'crash course' presentation and Q+A for network members regarding an exciting innovation tied to the DIH)

- *Widening the network*

How would the DIH provide 'awareness creation' for the DIH4CPS network expanding the reach beyond the existing consortium?

- (E.G. Producing a monthly newsletter on the DIH's activity in CPS to be sent to relevant stakeholders in digital transformation such as technology business and governmental agencies.)

4. Dissemination, network improvement and enlargement activities: Obligatory and voluntary (2 pages)

Obligatory activities:

- *WP2*
 - An informative webinar for WP2: 2 hours
 - Customer journey analysis: 28 hours
 - D-best Methodology modelling session: 20 hours
- *WP3*
 - Contribute information to the DIH4CPS portal (WP3) and service catalogue
 - This should include competencies, technologies, experience, domains
 - Attendance of an informative WP3 specific webinar (1.5 hours)
- *WP6*
 - Contribute accurate information about the DIH for the website (e.g. a synopsis of the DIH for the “DIH Network” page)
 - Contribute content for the DIH4CPS social media team (key updates, DIH activity etc)
 - Be active on the DIH’s own social media platforms (retweeting DIH4CPS accounts, following, tagging etc)
 - Participate in the relevant seminars, workshops and fairs organized by the DIH4CPS network
 - Support and promote DIH4CPS polls and surveys as requested
- *WP7*
 - To participate in 2 meetings to identify the DIH motivations to be part of the future network
 - Individual exploitation plan to formalize the DIH involvement in the network after the end of the project
 - Identify how the DIH will use the platform in the future

Voluntary activities:

DIHs are encouraged to think creatively about potential activities in the realm of network enhancement and dissemination. Please describe what activities and how you would like to perform them. This might involve:

- *Additional training*
 - Carry out Community Open days (COVID-19 dependent) encouraging students and other interested parties to attend a series of Seminars
- *Additional services to the DIH4CPS network/experiments*

- Provide user stories, use cases and examples for case studies over and above WP commitments
- *Additional dissemination*
 - Produce a short video summarizing the CPES related work of the DIH
 - Publish a newsletter and distribute it to relevant stakeholders and distribute to key local and network partners (SMEs, Government innovation agencies, Universities)

5. Work plan and project timeline (1 pages)

- Provide a brief introduction of the work plan and how it is organised to support the objectives of the DIH and the DIH4CPS network, including a timeline.
- This should include milestones, deliverables and a summary of the team involved

Q1. Tasks

Task 1 Task name
Task description. <ul style="list-style-type: none">•
Milestone(s): <i>Milestone short description</i>

6. Geographical Network Coverage

- Part A: Is my DIH in a country which is not yet covered by the DIH4CPS network? (Yes/No)
- Part B: Is my DIH in a region which is not yet covered by the DIH4CPS network? (Yes/No)