Opportunities and services provided by CSAs to support DIHs and EDIHs

18 March 2021
Mayte Carracedo – I4MS Project Coordinator

mayte.carracedo@fundingbox.com
I4MS Collaborative Committee

Representatives:

- DIHNET- Maurits Butter
- SAE-Meiike Reinmann
- Connected Factories- Riikka Virkkunen
- PhotonEurope-Hugo Thienpont
- EUhubs4Data- Daniel Alosno
- RODIN- Reinhard Lafrenz
- STARTS-Aurelie Delater
Tools and Technologies for Transformation: accelerate digital take up by manufacturing companies

LOCAL/EU DIMENSION OF AN EDIH
Tools and Technologies for Transformation: accelerate digital take up by manufacturing companies

**Agenda**

- **11:05-11:10** Mayte Carracedo, Introducing the session
- **11:10-11:10** Helena Rodrigues, European Commission welcoming
- **11:10 -11:15** Maurits Butter, view of EDIH-EU networks interaction
- **11:15- 12:10** Presentation-pitches of all initiatives. Focusing on the offer and opportunities for DIHs and candidate EDIHs (7 minutes each)
  - Smart Anything Everywhere-Meike Reinmann.
  - Connected Factories- Riikka Virkkunen.
  - PhotonHub Europe-Hugo Thienpont
  - EUhubs4Data- Daniel Alonso.
  - RODIN- Reinhard Lafrenz
  - STARTS-Aurelie Delater
  - I4MS (ICT 4 Manufacturing SMEs) – Maria Roca
- **12:10-12:15** Sli.do results
- **12:15 -12:25** Questions and Answers
- **12:25-12:30** Conclusions
Practical information

• Presentations and summary of the event will be published at I4MS Online community
• Participants please mute and turn off your cameras
• Use the chat to send your questions
• We want to know more about you: sli.do

PARTICIPATE
CODE: #45874
https://app.sli.do/event/nrcooofe
THANK YOU

i4ms.eu
Opportunities and services provided by CSAs to support DIHs and EDIHs
18 March 2021

Helena Rodrigues
DG CNECT A4 - Digital Transformation of Industrial Ecosystems

CNECT-DIH@ec.europa.eu
• Call opening: 27 May
• Deadline for submission: 29 September
• Evaluation (fully remote): October and November
• Outcome of the evaluation: December
• Signature of contracts: Beginning of 2022
Follow up webinars


2 March - EDIH and collaboration with EEN and clusters

18 March - Opportunities and services provided by CSAs to support DIHs and EDIHs

13 April - Collaboration between different EDIHs in the network, including trans-national cross-border hubs and corridors

27 April - Co-funding and state aid for European Digital Innovation Hubs

May – Digital Maturity Tool
Building on the experience of H2020

Focus area "Digitising and transforming European industry and services"

DT-ICT-01-2019: Smart Anything Everywhere (SAE)
DT-ICT-03-2020: I4MS (phase 4) - uptake of digital game changers
DT-ICT-04-2020: Photonics Innovation Hubs
DT-ICT-05-2020: Big Data Innovation Hubs
DT-ICT-06-2018: Coordination and Support Activities for Digital Innovation Hub network

In SC2: DT-RUR-12-2018: ICT Innovation agriculture – Digital Innovation Hubs for Agriculture (DG AGRI budget)
A view on the collaboration of EDIHs and EU-networks

18th March 2021, Kristina Karanikolova, Maurits Butter
Overview of DIHNET

- Started in 2018, ending coming November

- So, our support is limited:
  - The DIHNET platform for discussions ([URL](#))
  - Channel towards the European Commission through the platform
  - Overview of open calls ([URL](#))
  - News from connected initiatives and inspiration from DIHs of the month

*Our idea about the connection between the CSAs/IAs and the (E)DIHs*
This session is about connecting to the EU-networks
Getting a view on EDIHs and EU-networks
Possible configuration of DIHs and networks
Creating EDIH collaborations

≈210 entities have 210! factorial

possible collaborations

This is a bit much....
So we need a structured approach

- Subnetworks to increase efficiency and effectiveness
- Specific communities with shared focus
- Aim: Initiate the sharing of capacities/capabilities and synchronize efforts on EU-level

So, the EU-networks can help the EDIHs
Key assets from (Innovation Action) networks

- **Information**: information on infrastructures, expertise in Europe
- **Network contacts**: trustworthy contacts to the key players in Europe and community at large
- **Expertise**: expertise in initiating EU-collaborations
- **Financial capital**: access to financial capital for EU-collaborations
- **The brand**: trustworthy EU brand that attracts stakeholders and ensures high quality
Addressing pains and gains of (E)DIHs

**Pains**
- Balancing the regional focus of the (E)DIH with EU collaboration
- Information overflow from Europe
- Difficulty in identifying new (business) opportunities, funding & new projects
- Find trusted partners who can provide expertise or compliment services
- Cost to engage in EU collaboration due to inefficiency and time required
- Challenges to forge successful business models for collaboration
- ...

**Potential Gains**
- Overview on up-to-date and relevant information sharing on EU topics
- Finding new business/projects and financing opportunities
- Economies of scale and approaches to develop EU collaboration.
- An efficient channel to other regions and markets
- Access to capacities, best practices in other regions
- Enhance your regional capacities and skills by access to regional skills and joined trainings
How to get it in your EDIH proposal

- Create a section on your view on the collaboration
- Set your ambitions what you want to achieve in 3 years, including the topics that you want to collaborate on
- Identify your priority networks to collaborate with (and get in contact with them to initiate discussions)
- Include activities that you foresee (develop a “task” for this?), like
  - Joining regular meetings and events
  - Provide information to the networks on your capacities and capabilities (your offering!)
  - Broker your SMEs and service providers towards their upcoming FSTP calls
  - Join their community network (platforms) and receive newsletters
  - Set mechanisms to use them to connect to specific services in other regions
Smart4Europe2 has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No. 872111.
The Smart Anything Everywhere: Catalyse Digitization throughout Europe
Smart Anything Everywhere - Goals

To support European start-ups, SMEs, mid-caps in their digital transformation

To build and consolidate a sustainable pan-European network of Digital Innovation Hubs (DIH)
SAE Ecosystem
The Smart4Europe2 CSA as Connecting Point
Smart4Europe2 has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No. 872111.

Enhanced Digital Transformation of SME’s and Midcaps across Europe

Extended Sustainable DIH Ecosystem
SAE - Innovation Portal

https://smartanythingeverywhere.eu/community/

https://smartanythingeverywhere.eu/funding/

Smart4Europe2 has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No. 872111.
The SAE marketplace gathers the overall offer of the SAE initiative in one place, providing a “one-stop-shop” where interested stakeholders across Europe can find valuable information, opportunities and easily connect with other actors of the SAE ecosystem.

**Ecosystem**
Discover who is part of the SAE European network

**Access To**
Access to SAE assets and services

**Collaboration**
Enabling collaboration among organizations by allowing them to find common interests and complementarities
Main workspaces

Four main workspaces aligned with the structure of European Digital Innovation Hubs in the Digital Europe Programme

- SAE TECHNOLOGIES
- EXPERIMENTAL FACILITIES
- TECH & BUSINESS SERVICES
- TRAINING OPPORTUNITIES AND MATERIALS
- Skills and training
- Digital Innovation Hub
  - Test before invest
  - Support to find investments
  - Innovation ecosystem & networking
  - DIHs & STAKEHOLDERS
  - USERS
  - SUCCESS STORIES
  - EVENTS

Smart4Europe2 has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No. 872111.
Join today!

https://saemarketplace.eu
What’s in it for me?

Start-ups, SMEs Mid-caps & public organisations:

- Experimentation facilities to test before invest
- Knowledge, expertise & training
- Networking and ecosystem
- Funding and investments

All Stakeholders:

**Networking & Ecosystem**

- Knowledge Exchange
- Training & Mentoring
- Market Place

**Networks & Ecosystem**

- DIH Network
- Technology Radar
- Investor Events
- Link EU / national / regional Initiatives
Contact us - via Innovation Portal

- [https://smartanythingeverywhere.eu/contact-us/](https://smartanythingeverywhere.eu/contact-us/)

SAE Market Place

- [https://saemarketplace.eu](https://saemarketplace.eu)

Funding Opportunities

- [https://smartanythingeverywhere.eu/funding/](https://smartanythingeverywhere.eu/funding/)

Success stories

- [https://smartanythingeverywhere.eu/success-stories/](https://smartanythingeverywhere.eu/success-stories/)
Smart4Europe2 has received funding from the European Union’s Horizon 2020 research and innovation programme under grant agreement No. 872111.
Smart4Europe2 in a Nutshell

Smart4Europe2:

- Follow-up of Smart4Europe
  Catalysing Digitisation throughout Europe
- Coordination and Support Action, co-financed by the European Commission, DT-ICT-01-2019
  Smart Anything Everywhere Initiative
- 7 Partners from 5 European countries
- **Coordinator:** Dr. Meike Reimann, Steinbeis2i GmbH, Germany
- **Project Officer:** Elena Koukharenko
- **Project duration:** January 2020 - December 2021, 24 months
- **Total EC contribution:** EUR 999,687.50
- **GA No.:** 872111
Contact Details

Meike Reimann
Steinbeis2i GmbH
meike.reimann@steinbeis.europa.de
Thank you for your attention!
ConnectedFactories 2 CSA

to cross-fertilise the Industrial Platform communities, allowing for easier take-up of digital technologies, and supporting the transfer of skills and know-how

https://www.effra.eu/connectedfactories
@C_factories

Riikka.Virkkunen@vtt.fi
@VirkkunenRiikka

DT-ICT-07-2018-19 Digital manufacturing platforms
EFFRA innovation portal
https://portal.effra.eu

ConnectedFactories 2

Supported by the European Commission through the Factories of the Future PPP (Grant Agreement Number 873086)
Pathways to the digitalisation of manufacturing

- Autonomous Smart Factories
- Hyperconnected Factories
- Collaborative Product-Service Factories
- Cybersecurity
- Circularity
- Data spaces
- (Artificial intelligence)

Cross-cutting factors and enablers: skills, business models, security, standards etc

https://www.connectedfactories.eu/pathways-digitalisation-manufacturing
Connected Factories and Digital Innovation Hubs

- Information sharing of use cases and demonstrators
- Pointers to the key enablers (legal, business models, cybersecurity, standards, interoperability, human aspects)
- DIHs as **evangelizers** of the Pathways
- Pathways validation and illustration with DIH cases

Contact points:
- Chris Decubber ([chris.decubber@effra.eu](mailto:chris.decubber@effra.eu))
- Jesús Alonso-Rodríguez ([jalonso@innovalia.org](mailto:jalonso@innovalia.org))
- José Luis De Andrés Honrubia ([jandres@innovalia.org](mailto:jandres@innovalia.org))
ConnectedFactories 2 CSA and DIHs:

- Synergy with DIHs (especially I4MS hubs)
- Pathways, portal, use cases - inspiring and guiding SMEs!
- Information sharing, learning, developing together, show impact!

https://www.effra.eu/connectedfactories
@C_factories
How we work with the regions, explore funding on cross-border experiments, and connect with European DIHs
A Pan-European One-Stop-Shop Photonics Innovation Hub

PhotonHub Support Activities

- Orienteering
- Training & Reskilling
- Deep Innovation Support
- Business Coaching
- Investment Coaching
- Regional Support
Photonics: A key digital technology

- Optical Telecom
- Photovoltaics
- LED Lighting
- Displays
- Lasers in Manufacturing
- Medical Optics
- Machine Vision
- Optical Components
260,000 SMEs from various industry sectors could also benefit from photonics innovation.
Training
- intro to photonics
- training catalogue
- demo centers
- hands-on experience
- trainers

Deep Technology Support
- first level technology and business coaching
- deep technology support TRLs 3-8
- impact

Business and Financial Coaching
- investment readiness coaching
- matchmaking support
- photonics venture forum
- investor days
- IP support

Budget: 19 M EUR
Start: 1 Jan 2021
500+ EXPERTS
15 MEMBER STATES

36 Technology Support Partners
20 Local Photonics Hub Partners
+6 Business Support Partners
In case the best support can be found locally: regional funding

In case the best support can be found cross-border: PhotonHub funding supports innovation projects
1) Working with the local hubs and regions on cross-border funding of innovation support

<table>
<thead>
<tr>
<th>LOCAL PHOTONICS HUBS</th>
<th>REGION</th>
</tr>
</thead>
<tbody>
<tr>
<td>PhotonDelta</td>
<td>The Netherlands (North Brabant)</td>
</tr>
<tr>
<td>Confindustria Toscana</td>
<td>Italy (Tuscany)</td>
</tr>
<tr>
<td>Flanders MAKE</td>
<td>Belgium (Flanders)</td>
</tr>
<tr>
<td>Photonics France</td>
<td>France</td>
</tr>
<tr>
<td>Photonics Ireland</td>
<td>Ireland (South)</td>
</tr>
<tr>
<td>Polish Technological Platform on Photonics</td>
<td>Poland</td>
</tr>
<tr>
<td>Photonics Sweden</td>
<td>Sweden</td>
</tr>
<tr>
<td>PhotonCAT</td>
<td>Spain (Catalonia)</td>
</tr>
<tr>
<td>Fotonica21</td>
<td>Spain</td>
</tr>
<tr>
<td>Photonics Austria</td>
<td>Austria</td>
</tr>
<tr>
<td>Optec-Berlin-Brandenburg</td>
<td>Germany (Berlin region)</td>
</tr>
<tr>
<td>OptoNet – Photoniknetzwerk Thüringen</td>
<td>Germany (Thuringia region)</td>
</tr>
<tr>
<td>Swiss Photonics</td>
<td>Switzerland</td>
</tr>
<tr>
<td>Photonics Finland</td>
<td>Finland</td>
</tr>
<tr>
<td>Hellenic Photonics Cluster</td>
<td>Greece</td>
</tr>
<tr>
<td>LITEK</td>
<td>Lithuania</td>
</tr>
</tbody>
</table>

7 EU regions each commit €500K annually from 2025 onwards for the financial support of cross-border photonics innovation projects.
Developing best practices for regional co-funding

**Local projects**

<table>
<thead>
<tr>
<th>Create</th>
<th>Create general awareness with member states, innovation networks, regions, and local hubs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Work</td>
<td>Work with local hubs to meet with the decision makers in the region on an individual basis</td>
</tr>
<tr>
<td>Showcase</td>
<td>Showcase a portfolio of star performing innovative companies with impact on the region</td>
</tr>
<tr>
<td>Meet</td>
<td>Meet with the local decision makers repetitively to work on co-funding of PhotonHub</td>
</tr>
<tr>
<td>Create</td>
<td>Create new co-funding instrument or adapt the scope of existing funding instruments or accept seal of excellence</td>
</tr>
</tbody>
</table>

**Cross-border projects**

7 EU regions each commit **€500K** annually from 2025 onwards for the financial support of cross-border photonics innovation projects
2) Exchange best practices between “lighthouse” regions and “early adopters” and create new local photonics innovation hubs

- PhotonHub features already 20 local photonics hubs covering 50% of the EU member states

- PhotonHub will convene an “Annual Assembly of the Local Hub Partners” to specifically exchange best practices and experiences between the local hubs to boost photonics innovation

- Regions where there is currently no access, or very limited access, to photonics innovation support for local companies will be invited to join these annual assembly meetings

- Through this forum and the interaction with local governments PhotonHub will contribute to the development of photonics innovation hubs in new regions to close the gap

5 new local photonics innovation hubs created across the European regions by 2025
3) Connecting PhotonHub with complementary DIHs to maximise the strengths and synergies across the distinct communities

- Linking up through community building platforms and sharing best practices
- Transferring customer leads between PhotonHub and other DIH at the EU level
Let us connect

info@photonhub.eu
www.photonhub.eu
European Federation of Data Driven Innovation Hubs

Opportunities and services provided by CSAs to support DIHs and EDIHs (online – 18 March 2021)

Daniel Alonso (ITI, EUH4D coordinator)
### DT-ICT-05 Data Driven Innovation Hubs (sub-topic 1)

- **Duration:** 3 years (starting 1st September 2020)
- **Partners:** 21 institutions from 12 different countries (ES, IT, NL, FR, DE, SE, AT, IE, SI, PL, UK, BE)
- **Coordinator:** ITI
- **WPs:** 10
- **PMs:** 1083,5
- **Budget:** 12.5 M Euros
Reference federation in Europe for Big Data cross-border experimentation and innovation, providing a complete pan-European catalogue of data sources and services to foster data driven innovation at local and regional level.
Open call for DIHs (15th April 2021)

• The project is launching an open call for DIHs on April 15th (aligned with the BDVA i-Spaces call)

• 18 DIHs will receive financial support (1M Euros) to carry out some specific tasks in the project

• Other selected DIHs will be invited to participate in some activities and events of the project (model of the federation, community building, technical sessions, etc …)
Financial support

- To integrate their data driven services in the catalogue of the federation
- To have their services ready and eligible for the “open calls for experiments”
- To support participants in the experiments involving their services
- To disseminate properly the project and activities

<table>
<thead>
<tr>
<th></th>
<th>Total</th>
<th>2021</th>
<th>2022</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Fixed budget</strong></td>
<td>300K Euros</td>
<td>22K Euros / DIH</td>
<td>11K Euros / DIH</td>
</tr>
<tr>
<td><strong>Variable budget</strong></td>
<td>780K Euros</td>
<td>315K Euros in total</td>
<td>455K Euros in total</td>
</tr>
<tr>
<td>(support to experiments)</td>
<td></td>
<td>(support to 9</td>
<td>(support to 13</td>
</tr>
<tr>
<td></td>
<td></td>
<td>experiments)</td>
<td>experiments)</td>
</tr>
</tbody>
</table>
What is in for you?

- Access to knowledge, data sharing and data space techniques and implementation practices and experience
- Connection and collaboration with other relevant DIHs
- Be part of a complete ecosystem and the future European federation of data driven DIHs
- Increasing and improvement of your service offering
- Added value to your local ecosystems of SME, granted them access to a complete portfolio of services, data and training programme
- Visibility and positioning at European level
- Participation on events and other activities of the federation
Prioritised Application Areas

• Focus on activities in areas
  • where stimulation of innovation is likely to have a greater impact
  • of societal relevance

Healthcare:
• Diagnostic robotics
• Interventional robotics
• Rehabilitation robotics
• Robotics supporting patients
• Robotics supporting healthcare professionals

Agri-Food:
• Ageing farm workforce
• Reduced crop protection chemicals
• Effective use of resources
• More uniform or improved quality

Maintenance & Inspection of infrastructure:
• Safety impact
• Environmental impact
• Economic impact

Agile production:
• Support aging workforce
• Reduce unhealthy work
• Increase productivity
• Customization of products
• Keeping production in Europe
The robotics DIH landscape – Innovation Actions and CSAs

RODIN project – the CSA

“meta-CSA”
DIHNET.EU

Health-care
Agri-Food
Maint. & Inspect.
Agile Production

DIH²

Coordinator: Stefano Stramigioli, U Twente
Coordinator: Kees Lokhorst, U Wageningen
Coordinator: Christophe Leroux, CEA
Coordinator: Ali Muhammad, VTT
Coordinator: Minna Lanz, Tampere Univ.

HERO
agROBOfood
RIMA
TRINITY

2021-03-18
The Overall Robotics DIH network

- RODIN interacts with the DIH networks
- Community creation from a robotics perspective
- Linking the different application areas and being an entry point
- Structural communication and joint activities to strengthen the links between the robotics DIH networks
- Fostering exchange on “pain points”

(source: Google maps)
Services provided by the CSA to DIH networks

- Involving the DIH networks via Working Groups on
  - Financial Support to Third Parties (FSTP)
  - Resilience
  - Sustainability (of the networks)
  - Communication

- Harmonization of terminology and definitions, especially for FSTP
- Common dissemination activities
- “uplink” to the DIHNET.EU project and the precursor network
Offers by the networks

Various services and activities provided by the DIH networks

- Information about the linked DIHs
- Various topic-specific webinars and (online) events
- Brokerage for potential experiment consortia (SMEs)
- Showcasing of solutions
- Overview of standards, e.g. related to Healthcare

One upcoming event:

- 19th/20th May 2021 DIH-HERO Knowledge Conference
Funding – open calls by the DIH networks

Open calls in different forms:
- Travel vouchers
- Technology demonstrators
- Tech Transfer and innovation Experiments

Current calls:
- TRINITY 2nd Open Call: Agile Production in Manufacturing SMEs!
  Deadline 1 June 2021, funding of up to 200k€, [https://trinityrobotics.eu/open-calls/](https://trinityrobotics.eu/open-calls/)
- DIH²: 2nd open call will launch on 1 April 2021, funding up to 248k€, [http://dih-squared.eu/open-call](http://dih-squared.eu/open-call)
- agROBOfood: 2nd Open Call for Innovation Experiments, deadline 31 May 2021, funding up to 500k€ per experiment (300k€ per partner), [https://agrobofood.eu/2nd-open-call-for-innovation-experiments/](https://agrobofood.eu/2nd-open-call-for-innovation-experiments/)
How to connect?

• Many offers already available by the networks
• The networks aim at individual long-term strategies
• Already pan-European structures with a focus

https://rodin-robotics.eu/
https://agrobofood.eu/
https://dih-hero.eu/
http://dih-squared.eu/
https://rimanetwork.eu/
https://trinityrobotics.eu/
Thank you!

More information on
https://rodin-robotics.eu/

RODIN

Online 13-15 April
https://erf2021.eu
Starts
Science + Technology + arts

S+T+ARTS IS AN INITIATIVE OF THE EUROPEAN COMMISSION TO FOSTER ALLIANCES OF SCIENCE, TECHNOLOGY AND THE ARTS, THAT EFFECTIVELY IMPLEMENT A EUROPEAN APPROACH TO TECHNOLOGICAL INNOVATION CENTERED ON HUMAN NEEDS AND VALUES.

Froth of the Daydream, Julie Desmet Weaver. STARTS Residencies
How does STARTS work?

Through its different pillars, STARTS offers:

- Residencies
- Prize
- Thematic Pilots
- Academies
More than 6,000 people worldwide
All across Europe
STARTS digital innovation hubs
STARTS open calls

Get ready to apply to our 1st OPEN CALL for CONSORTIA
Up to EUR 200,000 equity-free funding
Open now until 18 March 2021

APPLY BELOW

Manufacturing SMEs/Mid-caps
Click here to submit your EoI:
Apply now

ARTISTS
Click here to submit your application:
Apply now

TECHNOLOGY SUPPLIERS
Click here to submit your application:
Apply now
Why should tech companies and scientists involve artists in their thinking and production processes?

- Think out of the box
- Engage, criticize and bring new perspectives
- Work in an interdisciplinary and diverse environment
- Consider environment, social and ethic dimensions as central and add it to your storytelling
A toolkit to Connect with S+T+ARTS and engage with artists

A practical resource to support artists, researchers, technology experts, and companies in finding a common ground

A guidance to plan and execute a collaborative project with the aim to maximise the impact of the outcomes.
S+T+ARTS
SCIENCE + TECHNOLOGY + ARTS

www.starts.eu

CONTACT: AURELIE DELATER
AURELIE.DELATER@INOVA.BUSINESS
18 March 2021
I4MS ICT Innovation for Manufacturing SMEs

Opportunities and services provided by CSAs to support DIHs and EDIHs

Maria Roca– I4MS Project Manager
maria.roca@fundingbox.com
What is the I4MS initiative?

I4MS (ICT Innovation for Manufacturing SMEs) is the initiative promoted by the European Commission to foster the digital innovation of manufacturing SMEs in Europe in order to boost their competitiveness in the digital era.

THE I4MS GOAL

Contribute to the adaptation of European SMEs to the current digital transformation challenges

- Funding & mentorship
- Training
- Access to physical and virtual technology platforms.
I4MS Phase 3 & 4 – Innovation Actions

TECHNOLOGIES:
- AI
- DIGITAL TWINS
- HPC
- LASER-BASED ADDITIVE MANUFACTURING
- HUMAN-ROBOT INTERACTION
- COGNITIVE AUTONOMOUS SYSTEMS
- SENSORS
- CPS
- IOT
- ROBOTICS

SMART MODELLING, SIMULATION AND OPTIMIZATION FOR DIGITAL TWINS

LASER-BASED ADDITIVE MANUFACTURING

COGNITIVE AUTONOMOUS SYSTEMS & HUMAN-ROBOT INTERACTION

INNOVATIVE ARTIFICIAL INTELLIGENCE

PHASE 4
2020-2022
35M €
ICT Innovation for Manufacturing SMEs in a nutshell

Opportunities for DIH & EDIHs
I4MS available tools

- CPS/IoT MIDIH Reference Architecture and Open Source Middleware supporting the digitalization of manufacturing SMEs. www.midih.eu
- EmGORA Digital Marketplace cloud-based engineering software for the manufacturing industry. www.cludifacturing.eu
- AMable Service Arena - Services for additively manufactured products. www.amable.eu

UPCOMING DIGITAL PLATFORMS
- SMART MODELLING, SIMULATION AND OPTIMIZATION FOR DIGITAL TWINS
- COGNITIVE AUTONOMOUS SYSTEMS & HUMAN-ROBOT INTERACTION
- LASER-BASED ADDITIVE MANUFACTURING
- INNOVATIVE ARTIFICIAL INTELLIGENCE
What services I4MS projects offer to DIH?

**Business Services**
- Access to funding
- 50 services offered by DIHs
- Mentoring to use new techs
- Digital maturity assessments

**Community matchmaking & Brokerage**
- Access Networking and information about all services at I4MS Community: [https://i4ms.fundingbox.com/](https://i4ms.fundingbox.com/)
- Access to digital platforms

**Access to New Markets**
- Promotion in world class events.
- Interoperability DIH-DIH for consolidation cross-regional operations
- Market analysis LBAAM

**Communication services**
- Webinars
- I4MS channels to communicate about your DIH

**Success stories & Best practices**
- Best practices portfolio
- I4MS Label
- Disruptors Awards

**Trainings & Working Groups**
- Catalogue of Trainings
- Working groups & policy recommendations
- DIHs trainings
- Methodologies towards effectiveness and sustainability
- Didactic Factories “real like” environments
- Training in LBAAM
- Regional workshops in underrepresented regions.
How to connect and participate?

1. Access I4MS Community
2. Become I4MS Contact Point
3. Participate in our Working Groups
4. Contribute to the catalogue of trainings
5. Media exposure & workshops

Join I4MS!

https://i4ms.eu/join-i4ms/
maria.roca@fundingbox.com
Next events

• Coordination of EU networks for Industry: Moving towards value chain-based networks in an Open Innovation setting
  When: 24th of March @10:30
  Link

• Opportunities for digital transformation of manufacturing SMEs
  When: 25th of March @ 9:30 AM CET
  Link

• European Robotics Forum

• Many more!

Join I4MS community!
THANK YOU!
i4ms.eu

Join I4MS!
https://i4ms.eu/join-i4ms/

Write me
maria.roca@fundingbox.com
## I4MS Open calls links

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<th>Deadline</th>
<th>Project</th>
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<td>AI REGIO</td>
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<td>28/01/2021</td>
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<td>CHANGE2TWIN</td>
<td>Digital Twins, Additive Manufacturing, IoT</td>
<td><a href="https://www.change2twin.eu/open-calls/">https://www.change2twin.eu/open-calls/</a></td>
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<td>18/01/2021</td>
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<td>BETTER FACTORY</td>
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<td>DIH-World aims at supporting SMEs from industries which traditionally have lagged behind on digitalization.</td>
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<td>08/02/2021</td>
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