3rd Stakeholder Forum on Digitising European Industry

"Artificial Intelligence and Digital Innovation Hubs - beyond 2020"

Draft Agenda

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#DigitiseEU
#DEIForum

13 NOVEMBER

13:00   Welcome coffee

14:00   Keynote

"We are all feeling the concrete effects of digitalisation" (Ursula von der Leyen) and EU industry needs to be digital. High level speakers from Spanish government and European Commission will discuss the overall political and strategic context and the future actions needed to boost EU competitiveness through digitalisation.

Khalil Rouhana, Deputy Director-General, DG Connect, European Commission
Reyes Maroto, Spanish Minister of Industry, Trade & Tourism

14:45   The future of European Industry is digital

Digitalisation is no longer a question of whether it will take place or not, but a question of how best to accompany businesses in their digital transformation. Speakers from industry and governments will explore how to reinforce the offer of digital innovations across the EU, how to strengthen European industrial ecosystems of IoT, data, cloud, and AI in and across sectors, and how to reinforce the European network of Digital Innovation Hubs to support SMEs in their digital transformation.

Khalil Rouhana (DG Connect, European Commission)
Lina Galvez Muñoz (Member of the European Parliament)
Luis Abril Mazuelas (Indra Sistemas)
Ilona Lundström (Finnish Ministry of Employment and Economy)
Thomas Hahn (Siemens)

Moderation by **Raúl Blanco Díaz**, Secretary General for Industry and SME, Spanish Ministry of Industry, Trade & Tourism

16:15   Coffee break

16:45   The rise of Artificial Intelligence: Opportunities for Industry

In the industrial domain, the potential impact of AI is extremely important and can help industry to address the long-term challenges of competitiveness and sustainability. Stakeholders will showcase actual use cases in different industry sectors discussing legal considerations and challenges they had to overcome to make AI a cost effective solution to their business.

Panel Introduced by **Lucilla Sioli**, Director for Artificial Intelligence and Digital Industry, European Commission

Jean-Luc di Paola Galloni (ARTEMIS-IA and VP Valeo)
Zdenka Lenartová (slovak.AI)
José María Lucía (EY España)
Christian Bartsch (KraussMaffei)
Juan Carlos Coma (ATOS)

Moderation by **Monica Valle**, Founder and director of Bit Life Media

18:45   Networking cocktail dinner

09:00   Keynote: A 2030 vision for industry 4.0

Two experienced and visionary speakers, two visions for the future of European industry in the years to come.

Frank Melzer, Head of the Steering Body of the Industry 4.0 Plattform and CTO of Festo AG & Co. KG
Rada Rodriguez, President of Orgalim and CEO of Schneider Electric GmbH

10:00   Artificial Intelligence for industry: putting ethics into business practice

Ethical implications of AI have become a prominent policy topic. In the EU, the Artificial Intelligence High Level Expert Group (AI HLEG) established by the EU has published Ethical Guidelines for AI, and stakeholders across industrial sectors have been invited to test how far the guidelines are useful in practice. Other countries and international organisation such as Japan, Canada, the Council of Europe are also working on ethical guidelines.
This session gives stakeholders an opportunity to discuss the guidelines, and the next steps to ensure that AI is developed in an ethical manner. In particular, the panel will try to balance the legitimate interest of citizens in trustworthy AI against the fear of companies of regulation stifling innovation. How can business deploy ethical, trustworthy AI and be competitive? Could we even make it a competitive advantage?

Panel introduced by **Lucilla Sioli**, Director for Artificial Intelligence and Digital Industry, European Commission

Richard Benjamins (Telefonica)
Meeri Haataja (Saidot)
Joanna Goodey (High-Level Expert Group on AI)
Aida Ponce (European Trade Union Institute)
Moisés Barrio (Spanish Council of State)

Moderation by **Monica Valle**, Founder and director of Bit Life Media

11:30   Coffee Break

12:00 Parallel Sessions

- Digital Innovation Hubs - success stories

The initiatives I4MS (Innovation for Manufacturing SMEs), DIHNET, Smart Anything Everywhere, and others financed under Horizon 2020 have supported SMEs to make the most of digital technologies in many successful experiments, transferring technologies from the labs to the business world under the lead and with the support of Digital Innovation Hubs. The session will present the best results and award the "I4MS Disruptors" and "DIHNET awards" prizes.

The session is co-organised with the **DIHnet** network

Session introduced by **Matthias Kuom**, European Commission

Presentation of the I4MS Disruptors Award winners by **Sanyu Karani** (I4MSGo / Co-Founder at FundingBox) for best Application Experiment within the I4MS initiative

Presentation of the finalists of the Digital Innovation Hub Champions Challenge 2019 and the best DIH of 2019 by **Begoña Sanchez** (DIHNET / TECNALIA Research & Innovation)

Panel discussion with SMEs and DIHs that participated in the Champions Challenge moderated by **Mayte Carracedo** (I4MSGo coordinator / FundingBox)

Panel discussion on the success of DIHs and their EU collaboration moderated by **Maurits Butter** (DIHNET /TNO)

- Investments for the digitalisation of industry

Businesses and notably SMEs face financing difficulties for their digital transformation. This session will raise awareness about various financial instruments, be it equity financing for innovative companies, loan and debt financing for their digital transformation, or even public support, such as vouchers, for more accessible financing opportunities.

José Bayón López (Empresa Nacional de Innovación, S.M.E., S.A., Spanish Ministry of Industry, Trade and Tourism)
Christian Dubarry (Bpifrance)
Shiva Dustdar (Innovation Finance Advisory, European Investment Bank)
Evita Feldberga (Latvian Ministry of Economy)
Jorge Portugal (COTEC Portugal)
Roi Rodriguez de Bernardo (FundingBox, AI4EU, DIH2, RobotUnion)
Pekka Sivonen (Business Finland)

Panel introduced by **Yves Paindaveine**, European Commission and moderated by **Monica Valle**

13:30 Lunch

15:00 Parallel Sessions

- ## AI infrastructure for industry: towards a common European ecosystem

A common European industrial IoT, data and AI ecosystem must include many components: data spaces, software toolboxes, data analytics, artificial intelligence, computing infrastructures, industrial 5G connectivity, and the next generation of industrial platforms, which integrate the above components and provide the future operating systems for the industry. Such ecosystems must be gradually grown and matured in verticals through large-scale experimentation. This session discusses the industrial needs for a European infrastructure supporting the development and deployment of AI in industrial domains.

Panel introduced by **Svenja Falk**, Accenture and **Ernst Stoeckl-Pukall**, German Ministry of Economics and Energy

Leda Bologni (ART-ER, Strategic Value Chain "Industrial Internet of Things")
Roger Galofré Mercadé (R&D Department at OPP Group)
Claire Stolwijk (TNO Strategy and Policy for Innovation)
Nuria De Lama (BDVA)

Moderation by **Arian Zwegers**, European Commission

- ## Artificial Intelligence in Digital Innovation Hubs

Digital Innovation Hubs (DIHs) will play a major role in the upcoming Digital Europe Programme in fostering the widespread adoption of disruptive technologies, including Artificial Intelligence (AI), HPC and Cybersecurity, by industry and public sector organisations in Europe. Throughout this session a number of Hubs part of the AI DIH Network will be showcasing concrete examples of AI-related services provided to the ecosystem, eventually accompanied by a representative of the SME which benefited from the service. Furthermore, the session will present the ongoing activities of the project, the cross-border cooperation scenarios developed through a co-creation approach and the future outlook.

Opening speech by **Victor Negrescu**, Vice-Rector of the Romanian National University of Political Studies and Public Administration

Giovanna Galasso (PwC)
Massimo Pellegrino (New Ventures Leader and Global Ethical AI Leader, PwC)
Valentina Ivanova, (DIGIHALL)
Paolo Dario (The BioRobotics institute)
Filippo Lulli (Turf Europe)
Robert Ginthör (Big Data Lab bei Know-Center)
Gilbert Steger (Reval)
Florian Mohr (German Research Center for Artificial Intelligence)
Adam Olszewski (HPC4 Poland)
Holger Pfeifer (Munich Innovation Hub for Applied AI)
Fintan Buckley (Ubotica Technologies Limited)

Moderation by **Mariusz Baldyga**, European Commission

16:45 Coffee break

17:15 Keynote: A Smart Industry policy in the Netherlands, and future outlook on synergies between Smart Industry and European investments in DIHs

David Pappie (Director TopSectors and Industry Policy at Dutch Ministry of Economic Affairs and Climate Policy)

17:30 Working and investing together for the digitalisation of industry

Member States, Digital Innovation Hubs, Regions and European Commission discuss the co-investment strategies and the best ways to work together to deploy digital technologies across the economy

Panel introduced by **Max Lemke**, Head of Unit for Technologies and Systems for Digitising Industry and **Ulla Engelmann**, Head of Unit Advanced Technologies, Clusters and Social Economy, European Commission

Cristina Oyon (Spri Taldea)
Ulrike Rabmer-Koller (SMEUnited)
Samia Ghozlane (Director of "Grande École du Numérique")
Emilija Stojmenova Duh (University of Ljubljana)
Michela Mori (Knowledge and Innovation City for Aix Marseille University)

15 NOVEMBER

First part

09:00 Keynote: EU programmes in support to industry's Competitiveness : the future Horizon Europe and Digital Europe programmes

In the next 7-year budget cycle, EU is planning to increase investments to support industry competitiveness through digital technologies. Horizon Europe and Digital Europe are the instruments designed to make this support possible.Speakers from the European Commission explain what to expect from the new programmes.

Max Lemke, Head of Unit for Technologies and Systems for Digitising Industry, European Commission
Lars De Nul Head of Unit for Industry 5.0, European Commission

09:45 Parallel Sessions

- Digital Innovation Hubs in the Digital Europe Programme – knowledge transfer mechanisms

The Digital Europe Programme will focus on capacity building in high performance computing (HPC), cybersecurity and artificial intelligence (AI), related advanced digital skills as well as digital solutions / interoperability for the public sector. During this session a panel will discuss which capacities and knowledge to be funded through Digital Europe Programme can be used by SMEs or the public sector and what will be the role of Digital Innovation Hubs to diffuse these capacities?

Panel introduced and moderated by **Anne-Marie Sassen**, Deputy-Head of Unit for Technologies and Systems for Digitising Industry, European Commission

Patrick Gatellier (AI4EU, Thales Group)
Raul Orduna (Vicomtech Research Institute)
Tomas Karasek (IT4Innovations National Supercomputing Center, VŠ)
Ron Joosten (RINIS, Routing Institute (inter)National Information Streams)
Haluk Gökmen (Istanbul Hub, Egesys Ltd)
Dolores Ordóñez (Balearics Digital Innovation Hub)
Elisa Cauhe (European Open Science Cloud-DIH)

- Innovative applications of Artificial Intelligence in industry and services

Artificial Intelligence is enabling a new category of innovative applications across industry and in the services. Industrial leaders discuss in this section the opportunities and challenges based on real-world experiences

Panel introduced and moderated by **Sandro D'Elia**, European Commission

Marta Gutiérrez Gòmez (SigneBlock)
Panagiotis Demestichas (Wings ICT Solutions)
Teemu Birkstedt (Saidot)
Andra Lutu (Telefonica)
Francesco Ferro (PAL-Robotics)

11:15 Coffee break

15 NOVEMBER

Second part

11:45 Parallel Sessions

- Digital Innovation Hubs in the Digital Europe Programme
 Participatory feedback session

Participatory session to gather feedback on draft implementation principles for Digital Innovation Hubs in Digital Europe Programme
At the moment the EC is designing together with the Member States all details around European Digital Innovation Hubs. Issues on which the feedback of the participants of this session is sought are on:
· Foreseen cost items for the capacity of an EDIH (hardware, software, employees, travel costs)
· Focus/expertise of an EDIH
· 2-step selection process
· Evaluation criteria
· Performance monitoring

Participants to this session will get access to a draft document describing initial ideas around the above issues. Through Slido you will be able to vote or give suggestions for improvement.

This session will be introduced and moderated by **Anne-Marie Sassen**, Deputy-Head of Unit for Technologies and Systems for Digitising Industry and **Gabriel Rissola**, policy officer JRC, European Commission

- Reference Testing and Experimentation facilities for AI-powered applications in the DE Programme

New technologies that can have a deep impact on our lives must be properly tested and verified before wide take-up is possible. Industry representatives and researchers discuss the requirements for testing facilities for the future AI-powered applications, and the possible support to be provided by DEP.

Panel moderated by **Cecile Huet**, Deputy-Head of Unit for Robotics and Artificial Intelligence, European Commission

Sander Janssen (University of Wageningen)
Manuella Portier (CAP Digital)
Stefano Stramigioli (University of Twente)

13:00 Closing

SIDE EVENTS

*Three side-events are planned during the event, for a limited number of persons. All the side-events will be held in the **room N107**, and are not managed by the organisers of the Stakeholder Forum. If you are interested, please get in touch with the contact points.*

14/11 from 10:00 to 11:30
DIHELP - The Digital Innovation Hub Enhanced-Learning Programme

The Digital Innovation Hub Enhanced-Learning Programme (DIHELP) supports 30 DIHs through a tailored training and coaching programme to develop and/or scale-up the DIHs' activities. DIHELP is closing its DIH Academy with a final meeting, gathering all participating DIHs. Participants will discuss the main outcomes of the programme and get the opportunity to strengthen collaboration.

*Contact point: **mbourdon@carsa.es***

14/11 from 12:00 to 14:00
CDTI - Centro para el Desarollo Tecnologico Industrial

Digital Innovation Hub Meet & Exchange.

*Contact point: **EMMangas@mincotur.es***

15/11 from 10:00 to 11:15
Data Sharing Spaces for Manufacturing in 2025

Data Sharing Spaces for Manufacturing in 2025: opportunities and challenges.

The activities and outcomes of the BDVA Smart Manufacturing Industry Subgroup in collaboration with EFFRA Connected Factories CSA.

*Contact point: **sergio.gusmeroli@polimi.it** & **davide.dallecarbonare@eng.it***