About OPEN DEI

Giorgio Micheletti (IDC)

14th May 2020

OPENDEI Webinar sessions Business opportunities for digital transformation through the ecosystem of digital innovation hub in Europe.

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OPEN DEI: DEI Focus Area Cooperation with multi-sector LSPs

*"The **DEI strategy** has to continue to ensure reinforcing the EU's competitiveness in digital technologies so that any industry in Europe, big or small, wherever situated and in any sector can fully benefit from digital innovations to upgrade its products, improve its processes and adapt its business models to the digital change"*

Mariya Gabriel, former Commissioner for Digital Economy and Society

OPEN DEI is a H2020 Coordination and Support Action

DT-ICT-13-2019 - Deadline Nov 2018

Start Date: June 2019
Duration: 36 Months
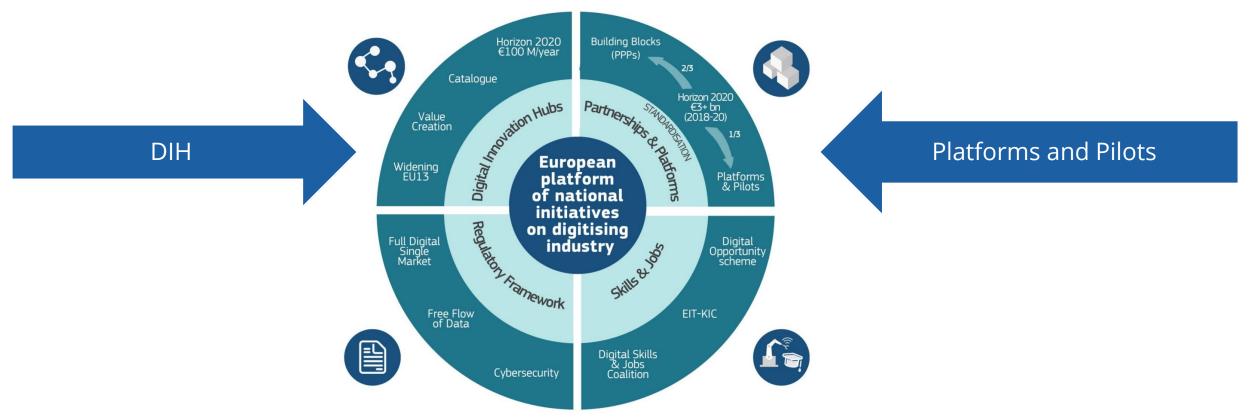Consortium: 9 Beneficiaries
Coordinator: IDC (Giorgio Micheletti)

OPEN DEI: A bit of History

- The DEI Communication on April 2016: The purpose of this Communication is to reinforce the EU's competitiveness in **digital technologies** and to ensure that ***every industry in Europe, in whichever sector, wherever situated, and no matter of what size can fully benefit from digital innovations***.

- Materializing DEI in concrete actions working groups: Partnerships, DIHs & Skills, Platforms & Standards

DIH

Platforms and Pilots
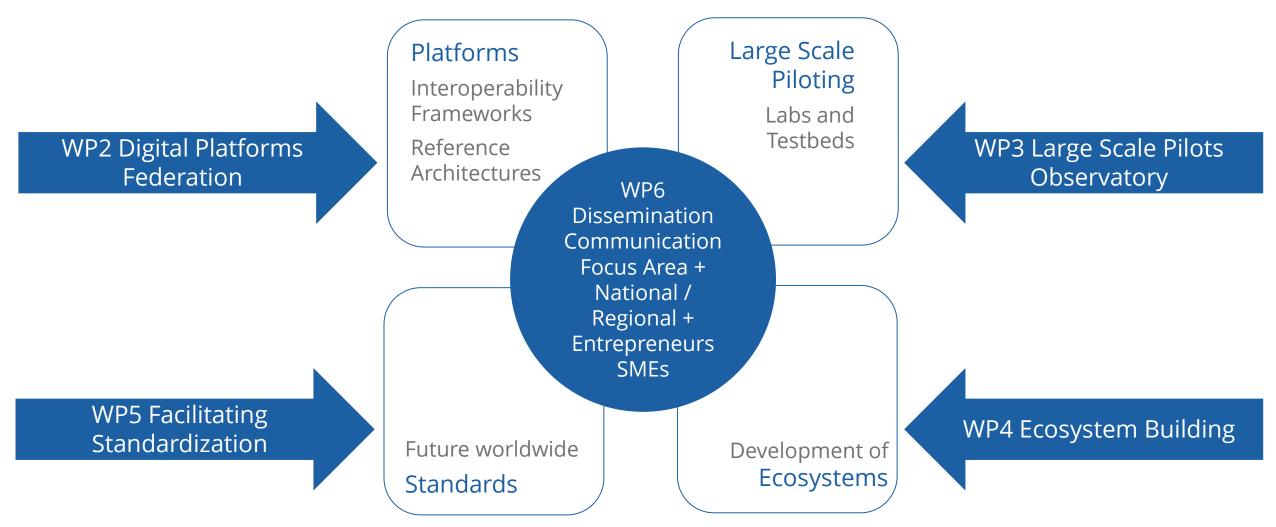
OPEN DEI four-fold Approach

Platforms

Interoperability Frameworks

Reference Architectures

Large Scale Piloting

Labs and Testbeds

WP2 Digital Platforms Federation

WP3 Large Scale Pilots Observatory

WP6 Dissemination Communication Focus Area + National / Regional + Entrepreneurs SMEs

WP5 Facilitating Standardization

WP4 Ecosystem Building

Future worldwide Standards

Development of Ecosystems

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The OPEN DEI Ecosystem: **4** domains, **26+** Projects

	2019	2020	2021	2022
	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Jan Feb Mar Apr May Jun Jul Aug Sep Oct Nov Dec	Jan Feb Mar Apr May

MANUFACTURING
- DT-ICT-07-2018 Agile Networks **eFACTORY QU4LITY ZDMP**
- DT-ICT-07-2019 3 Sustainable Circular Economy **KYKLOS digiPRIME** Human Factors **SHOP4CF**
- DT-ICT-07-2019 1 CSA **CONNECTED FACTORIES II**

AGRIFOOD
- DT-ICT-08-2019 **ATLAS DEMETER**
- DT-ICT-09 RURAL ECONOMIES
- IoF2020 LSP (Plus other projects like SmartAgriHubs)

ENERGY
- DT-ICT-10 Smart Homes and Grids **INTERCONNECT**
- DT-ICT-11 BIG DATA FOR ENERGY **BD4OPEM SYNERGY PLATOON**
- BRIDGE Cluster (Plus other projects)

HEALTHCARE
- DT-ICT-12 SMART HOSPITAL of the FUTURE
- ACTIVAGE LSP (Plus other projects)
- SMART4Health InteropEHRate

- **BULLET a) CSA OPEN DEI (Manufacturing, Energy, Healthcare, Agrifood)**
- BULLET b) CSA on Legal Security and Privacy. NOT ASSIGNED
- BULLET c) CSA **DIGIPLACE (Construction)**

MANUFACTURING: Three LSPs in 2019, new 3 LSPs in 2020 and 1 CSA (Connected Factories 2 Dec 2019) form our ecosystem. Support to an existing DMP cluster since beg. 2019. Strong link with DIH projects (DT-ICT-01, 02, 03). 7+ projects (**DT-ICT-07**)

AGRIFOOD: Two LSPs ATLAS and DEMETER (DT-ICT-08) integrated in our ecosystem, joint cluster with pre-existing projects, in particular the IoF2020 IoT LSP, SmartAgriHubs and AgROBOFood (DT-ICT-02). 5+ projects (**DT-ICT-08** and waiting for **DT-ICT-09**)

ENERGY: DT-ICT-10 INTERCONNECT integrated since September 2019. Three new Big Data LSPs joining (DT-ICT-11). Joint cluster BRIDGE with pre-existing projects such CoordiNet, INTERRFACE and PlatOne. 7+ projects (**DT-ICT-10** and **DT-ICT-11**)

HEALTH & CARE: DT-ICT-12 just opened the call (Hospital of the future). Leveraging on existing LSP (Activage) and other projects of the cluster, some of them from DG SANTE. 7+ projects (waiting for **DT-ICT-12**)

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