



OPEN DEI

Open the eyes of European industry and society
to the benefits from digital transformation

Driving collaboration - OPEN DEI

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18th June 2020



OPEN DEI



1. 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

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)



INTERNATIONAL DATA
SPACES ASSOCIATION

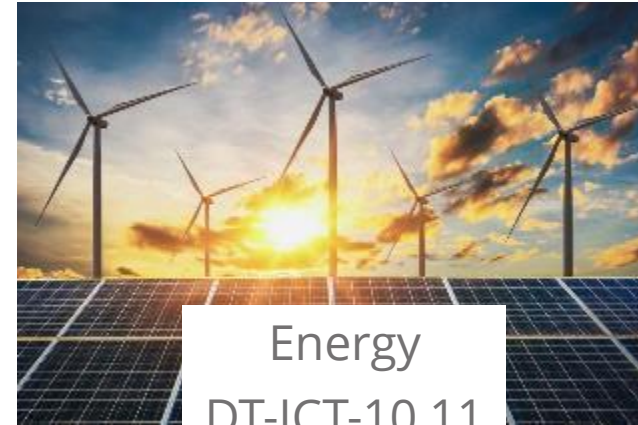


Atos





2. The OPEN DEI ecosystem: four domains in LEIT ICT DT Digital Platforms and Pilots



Energy
DT-ICT-10 11

⇒ **KEY WORD: CROSS-DOMAIN CSA**



Manufacturing
DT-ICT-07



Health & Care
DT-ICT-12



3. OPEN DEI full-ecosystem



AGRIFOOD: Two IAs 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). (2 projects **DT-ICT-08** and waiting for **DT-ICT-09**) 5+

ENERGY: DT-ICT-10 INTERCONNECT integrated since September 2019. Three new Big Data LSPs joining (DT-ICT-11 BD4OPEM SYNERGY PLATOON). Joint cluster BRIDGE with pre-existing projects such CoordiNet, INTERRFACE and PlatOne. (4 projects (**DT-ICT-10** and **DT-ICT-11**) 7+ projects

MANUFACTURING: Three IAs in 2019, new three IAs in 2020 and 1 CSA (Connected Factories 2 Dec 2019) form our ecosystem. Active collaboration to an existing **DMP cluster** since beg. 2019. Strong link with DIH projects (DT-ICT-01, 02, 03). **CF2 Cluster** Projects (ICT-08, ECSEL, I4MS, PdM, ZDM) (7 projects **DT-ICT-07**) 7+

HEALTH & CARE: DT-ICT-12 just opened the call (Hospital of the future). Leveraging on existing LSP (Activage) and other projects of the cluster (Faith, Smart4Health, Phara-on, Interopehrate, Gatekeeper, SHAPES, some of them from DG SANTE. (waiting for **DT-ICT-12**) 5+

AN ECOSYSTEM of 27+ Innovation Actions and CSAs



4. Agri-food ecosystem





5. The proposed *mechanism of collaboration*

5.1. Into the Domain

5.2. Cross-domain





5.1. *Mechanism of collaboration* into the Domain

5.1.1. The setting up and animation of **WGs**

Benefits for Ecosystem projects:

- stable groups of people experienced in common issues which discuss among them along regular meetings for making emerge opportunities
- Opportunity to have a support in practical terms for managing inter-projects meetings and material (rapporteur, repository, mailing list)

Benefits for OPEN DEI and EC:

- Possibility to match Agrifood interests and needs with those of other domains and identify enlarged opportunities



5.1. *Mechanism of collaboration* into the Domain

5.1.2. WGs **Topics**

- Coordination*
- Interoperability and Standardisation*
- Pilots and use cases*
- Dissemination*
- Open Calls*



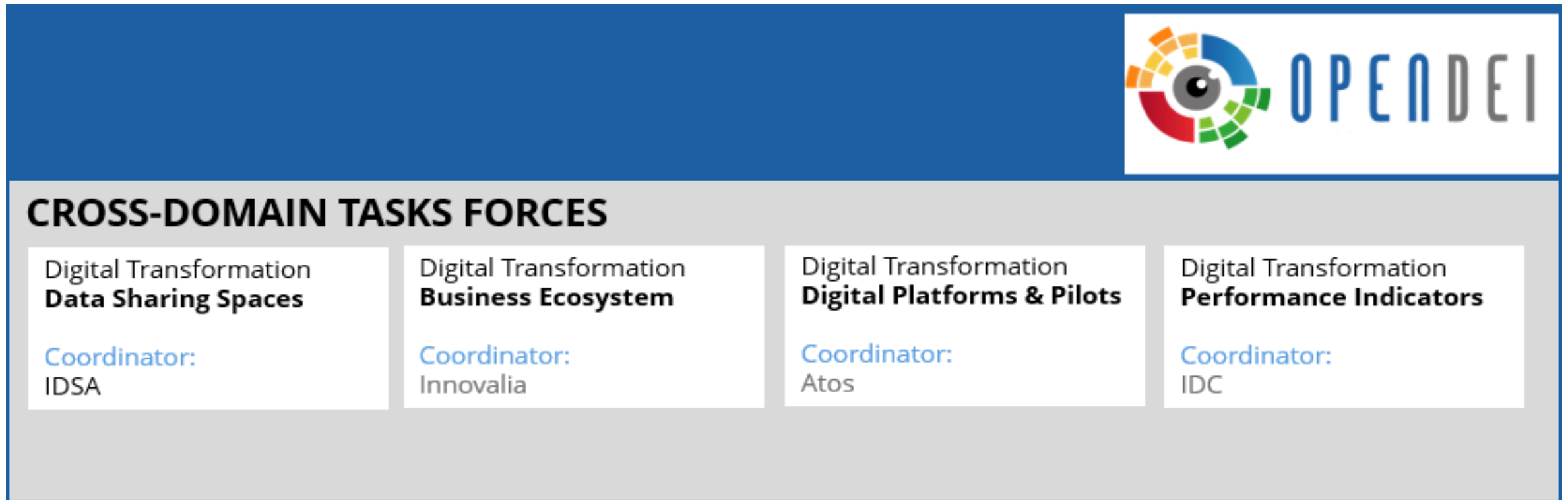
...from collaboration into the domain
(WGs) to collaboration cross-domain...

The concept of «**Task force**»



5.2. Mechanism of collaboration cross-domain

5.2.1. Cross-domain **Task Forces** (TFs)



Open a debate and collaborative work environment among cross-domain IAs where OPEN DEI could validate its original knowledge assets (Platform, Pilots, Ecosystem, Standards) in close co-operation with the representatives of the four domains

5.2. Mechanism of collaboration cross-domain

5.2.1 Cross-domain **Task forces** (TFs)

Proposal for a common 6months cyclic time-plan for each TF

- M1 Kick Off Meeting
- M2 Set-up Objectives and M6 plan
- M3-4-5 Monthly Progress Meetings (OPEN DEI contributes with own Deliverables at M18)
- M6 Common Outcome

1st ITERATION JUL-DEC 2020

Common TF Outcome:

- Position Paper, White Paper
- Challenges Awards Hackathons
- Communication Material
- Proof of Concept
- Exhibition Fairs
- Joint Papers to conferences
- ...

TF1 **Digital Transformation Data Sharing Spaces** (position paper)

- The EU Data Strategy: materialization in the four domains
- Data Spaces, Data Platforms and Data Ecosystems
- BDVA SRIA and AI PPP SRIDA Reference Model
- Policy and Legal discussion points (free flow, ethics, owner)
- Standards in Data Sharing (DIN SPEC 27070)
- Skills for Data Economy
- Polls, Surveys, Interviews
- M6 Position Paper (with BDVA SMI; AIOTI WG02)



Deploying the strategy through 4 Pillars





5.2. *Mechanism of collaboration* cross-domain

5.2.2 OPEN DEI Deliverables (available from November 2020 onwards)

Pilot(s) Dashboard

Reference Architecture for cross-domain Digital Transformation

DEI Benchmarking Tool

5.2. Mechanism of collaboration cross-domain

5.2.3. Webinars and Nesletter for increasing awareness



OPEN DEI
Open the eyes of European industry and society to the benefits from digital transformation

Joining Forces to build a common European Data Space

OPEN DEI VISION ABOUT EUROPEAN DATA SPACES AND HOW IDS CONTRIBUTE

Lars Nagel (IDSA)

OPEN DEI Webinar sessions – Joining forces to build a common European data space

BUSINESS OPPORTUNITIES FOR DIGITAL TRANSFORMATION THROUGH THE ECOSYSTEM OF DIGITAL INNOVATION HUBS IN EUROPE

Organized: **OPEN DEI**, **IDC**, **inovalia**

May 14, 2020
10:00 CET

-  **Oscar Lázaro**
Managing Director
Innovalia
-  **Giorgio Micheletti**
Director IDC
OPEN DEI coordinator
-  **Carmen Polcaro**
OPEN DEI Manufacturing
Ambassador
-  **Silvia de la Maza**
CIO Innovalia
-  **Thorsten Huelmann**
CEO IDSA

+ 150 attendees
168 newsletter subscriptions

This project has received funding from the European Horizon 2020 Programme for research, technological development and demonstration under grant agreement n° 817085



+130 attendees
+ 85 newsletter subscriptions

THE ROLE OF THE REFERENCE ARCHITECTURES IN DATA-ORIENTED DIGITAL PLATFORMS

Organized: **OPEN DEI**, **IDC**, **ENGINEERING**

REGISTRATION: shorturl.at/gzK24

GOTOWEBINAR

This project has received funding from the European Horizon 2020 Programme for research, technological development and demonstration under grant agreement n° 817085

 Angelo Maraglio Head of Smart Industry and Agrifood Engineering (ig. it)	 Javier Ferrer CTO FINARE Foundation	 David Weismann Create IoT coordinator SINTEF
 Athanasios Poulakidas Senior R&D Manager INTRASOP	 Antonello Monti Institute Director RWTH Aachen University	 Giuseppe Fico Health and Wellbeing area coordinator Life Supporting Technologies (LSPM)

+ 150 attendees
140 newsletter subscriptions



5.2. Mechanism of collaboration cross-domains

5.2.4 Open Calls – possible collaboration among domains

All Ecosystem projects, who before who later on, have Open Calls (more than one Cycle) in their mission; investigating in deep, we have perceived a **discussion on the Topic** as a generalised “need” in particular for those projects who have OCs ongoing.

Starting from the assessment of the OCs published in Covid-19 period, OPEN DEI proposes to put problems/knowledge/ideas together in a *cross-domain* working group on OPEN CALLS which could be “stable” and able to face such topic also in the future. At the beginning, *AgriFood* and *Manufacturing* domains would be involved while *Energy* and *Health&Care* in a following phase.

Leaving to the Projects the task to manage OCs thanks to the experience of their internal responsables, OPEN DEI could be a sort of permanent “green line” on the topic for **collecting** questions, answers, EC guidelines but also for valorising winners of such Calls giving them visibility and - where required - increasing the OCs advertising also through OPEN DEI website (a specific Area has been drafted for such specific purpose).



Contact

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