DATAWEEK
JOIN.LEARN.SHARE.GET VALUE

StandICT.eu 2023
ICT STANDARDISATION OBSERVATORY AND SUPPORT FACILITY IN EUROPE

EU Projects supporting ICT Standardisation

June 13th, 1530-1700
Ivar Room

EUOS
EU Observatory for
ICT Standardisation

EUHUBS4DATA

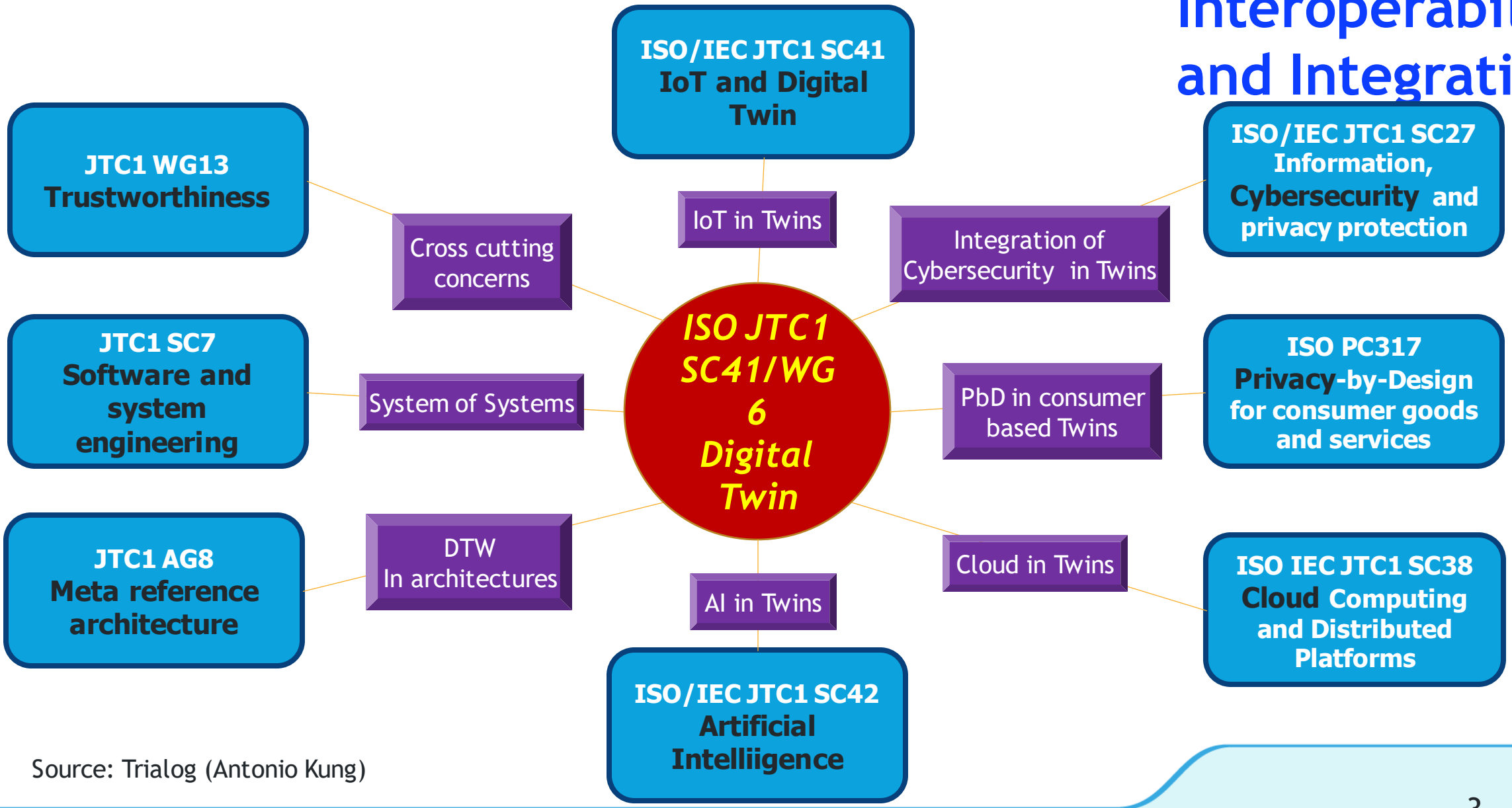
BDV BIG DATA VALUE ASSOCIATION

EU Projects supporting ICT Standardisation

- Senior Researcher Emerging Technology Standards at **ADAPT Research Centre Dublin City University**
- Director of the **EU Observatory for ICT Standards**
- **EU-US Trade and Technology Council** working group on **ICT Standardisation**
- Chair of **StandICT2023.eu** Expert Advisory Group
- Chair of **HSBooster.eu** Expert Advisory Group
- **OECD ONE AI** Expert
- Ireland **Head of Delegation for IoT and Digital Twin**
- Chair of **EU Standards Expert Group in AI, Data and Robotics** (EUSEG-ADR)
- **ISO/IEC JTC1 SC42 AI Standards Editor 20547-3 Big Data**
- Project Coordinator **StandICT2026** (January 2023)

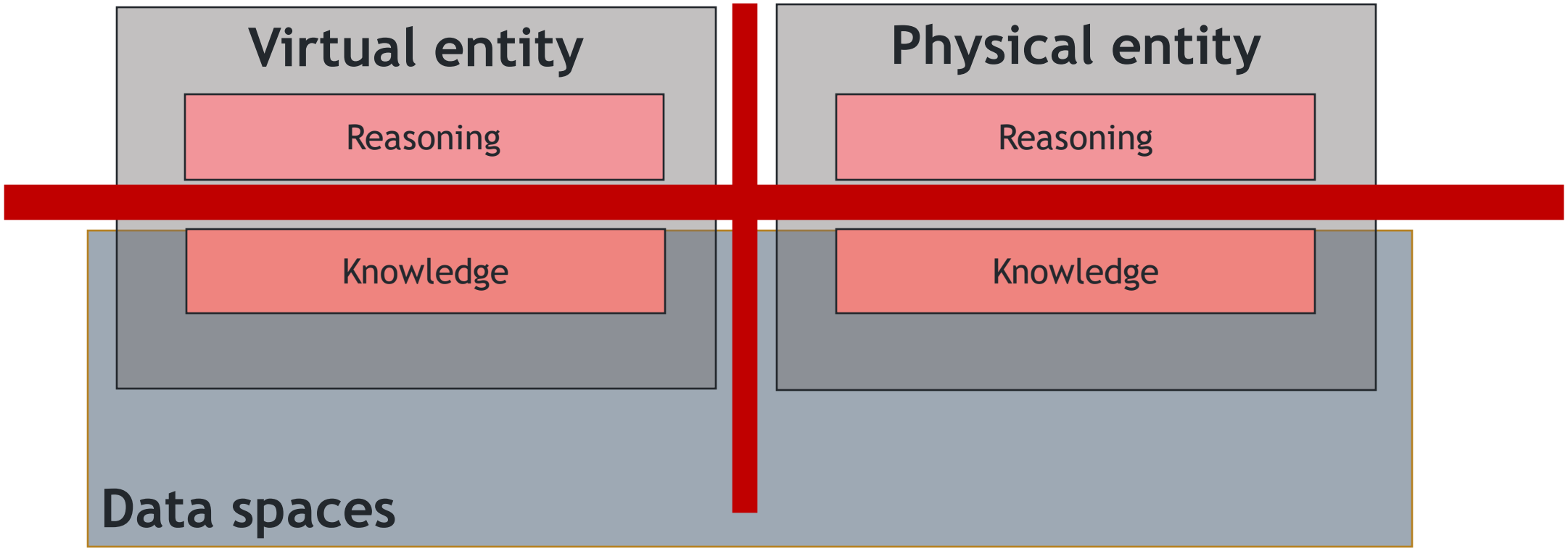
Ray Walshe

IoT/Digital Twin Interoperability and Integration



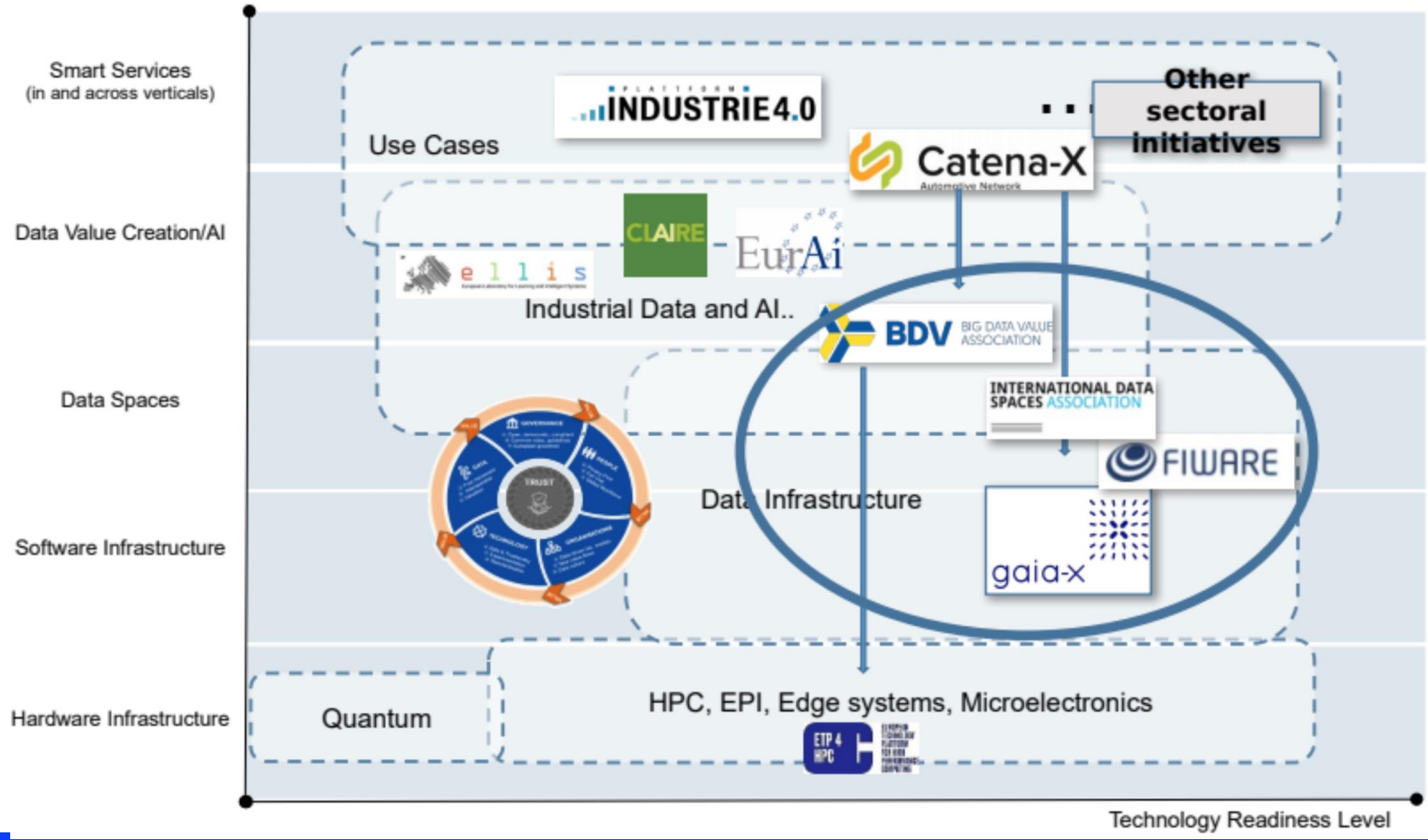
Source: Trialog (Antonio Kung)

Twin Integration with data spaces



DATA Spaces

- Data spaces initiative
  - IDSA | Gaia-X |European commission
- References
  - IDSA reference architecture
  - Gaia-X technical architecture
  - BDVA position papers – v1 and v2
    - Towards a European-Governed Data Sharing Space. Enabling data exchange and unlocking AI potential. April 2019
    - Towards a European-Governed Data Sharing Space. Enabling data exchange and unlocking AI potential. November 2020.
  - AIOTI strategic foresight
  - H2020 OpenDei support action: design principles for data spaces



European Commission Supporting ICT Standards

7 Open Calls launched around topics of Strategic Plan in the Horizon Europe framework Programme **8th Call closing November 7**

547 eligible applications received and independently evaluated (58 EPE members) ***2,238,174 EURO***

1 Grants Platform incorporating all online process from call publication to application, evaluation, reporting, and monitoring

8 Topical Webinars AI, Cybersecurity, Trusted Information EU ICT Policies, Education in Standards, Blockchain, **Women in Standards**

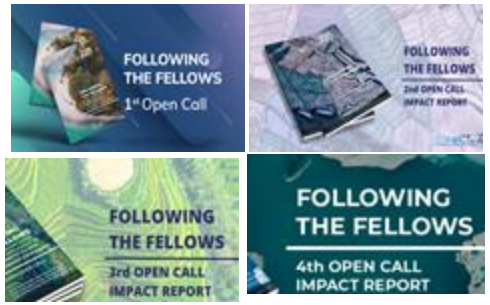
33 third-party events + 9 SDO meetings attended **16 MOUs signed with key players** & Synergies with **56** Stakeholders

EUOS
EU Observatory for ICT Standardisation

EUOS launched in March 2021
12 TWGs working on key ICT domains to produce dedicated Landscape & Gap Analysis

5 Landscape Reports released on
AI + Smart City + Trusted Information + Digital Twin + IoT

Further Landscape & Gap Analysis
Reports in pipeline for 2022/2023 (Edge Computing, Cloud for Data-driven Policy management, Digital Product Passport, Robotics, Blockchain, Ontologies)



COMMUNITY

1561 registered users
3351 LinkedIn Followers
900+ Twitter Followers

20 Expert Advisory Group (EAG) members from European Commission, SDOs & Industry contributing to topics for OCs & TWGs

5 Impact Reports released to disseminate the concrete outputs of fellows funded under OCs #1, #2, #3 and #4 with
#5 in pipeline

StandICT2023 in Numbers

European Commission Supporting AI, Data and Robotics Standards

AI, Data and Robotics ecosystem

The Adra-e Outputs

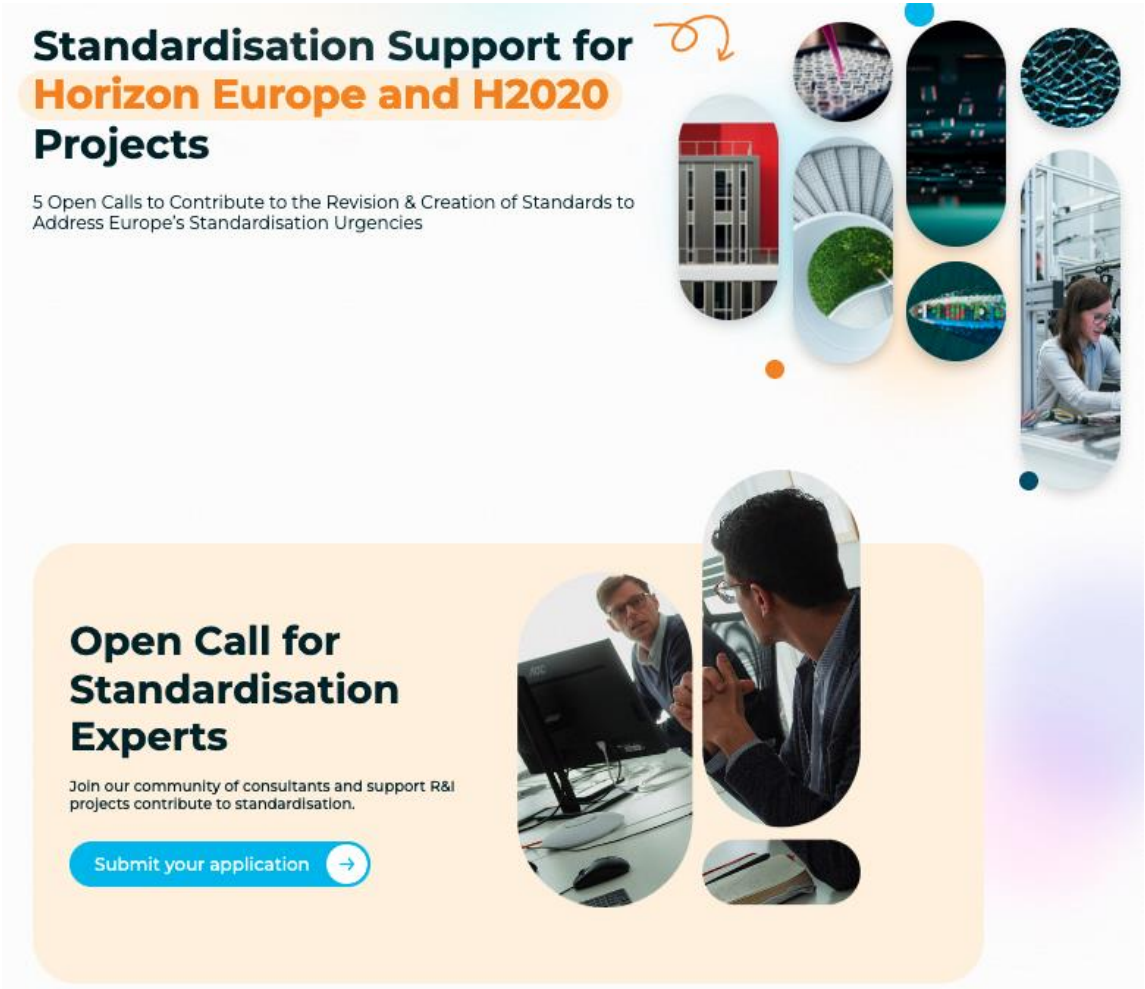
Services

- **ADR Observatory of standards:** online observatory of standards and standardisation activities, developed with a group of experts in the field.
- **ADR Cartography:** open repository of major European and national initiatives in the field of AI, Data and Robotics.
- **ADR Awareness Centre for Education and Outreach:** online repository for useful materials (cartographies, standards, and educational resources).
- **AI Trust Label:** tools to support the understanding of the potentialities, quality, performance and trustworthiness of AI technologies and applications.

HSbooster.eu
Horizon Standardisation Booster

European Commission Supporting Standards in EU Funded RTDI Projects

- **HSbooster.eu - Standardisation Booster for H2020 and Horizon Europe Research Results**
- Coordination & Support Action (101058391)
- April 2022 – March 2024
- Budget €2m
- HORIZON-WIDERA-2021-ERA-01-32 - Standardisation Booster for fostering exploitation of FP-funded research results and managed by the European Research Executive Agency (REA).
- *"A new service for EU research projects that want to ensure that their results create real impact by contributing to standards development.* - Peter Droell, Director at the European Commission's Research and Innovation Unit
- Strong consortium with expertise and experience in standardisation, training and delivering EC Booster services



COMMpla — Communication Platforms and Online Solutions
- Project Coordinator
- COMMpla Platform manager

Trust-IT Services — communicating to markets
- Automated services management

DCU
- EAG management Open calls and EPE management

University of Belgrade
- Training academy management

DS Dansk Standard
- Proactive services management

SGS
- Premium services management

Thanks from

StandICT.eu 2023

ICT STANDARDISATION OBSERVATORY AND SUPPORT FACILITY IN EUROPE

Ray.Walshe@DCU.ie

To find out more visit:
standict.eu

Stay in touch on Twitter
@Stand_ICT

Join us on Linkedin
linkedin.com/in/standict