HSbooster.eu
Horizon Standardisation Booster

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The EU Standardisation Booster

Ray Walshe

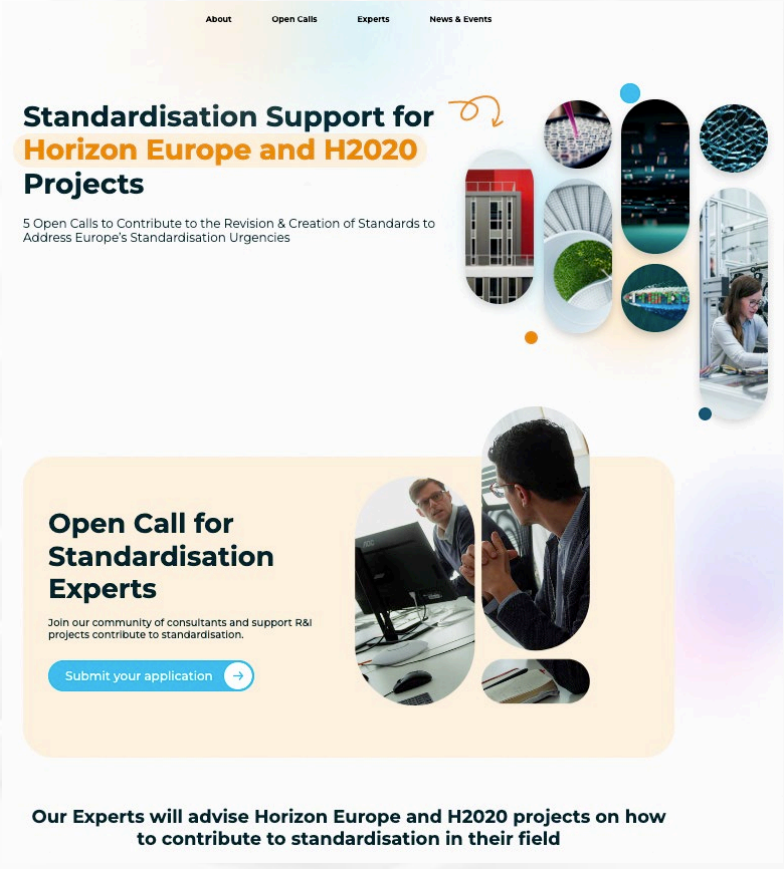
EAG Chair HSBooster.eu

Dublin City University

The HSbooster.eu has received funding from the European Union's Horizon Europe Framework Programme (HORIZON) - under grant agreement no 101058391.

HSbooster.eu – The essentials

- **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

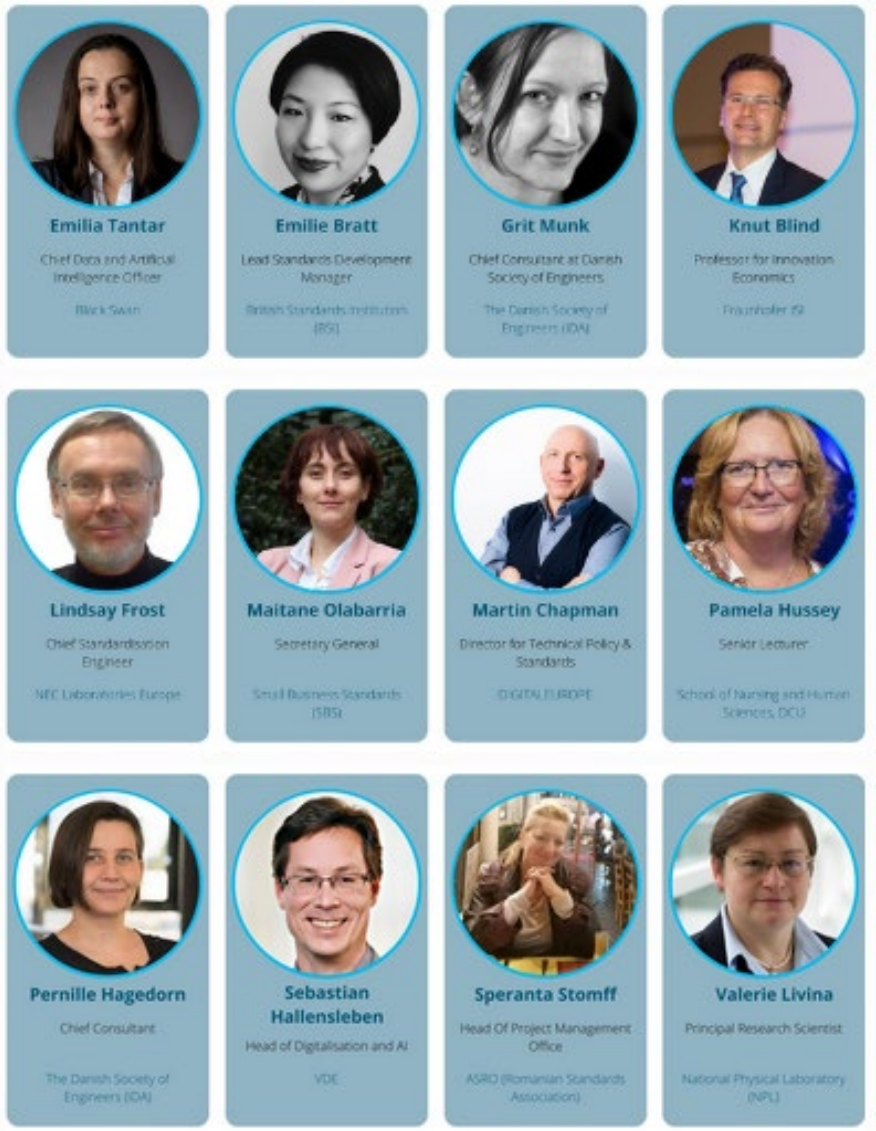
DS Dansk Standard
- Proactive services management

SGS
- Premium services management

External Advisory Group

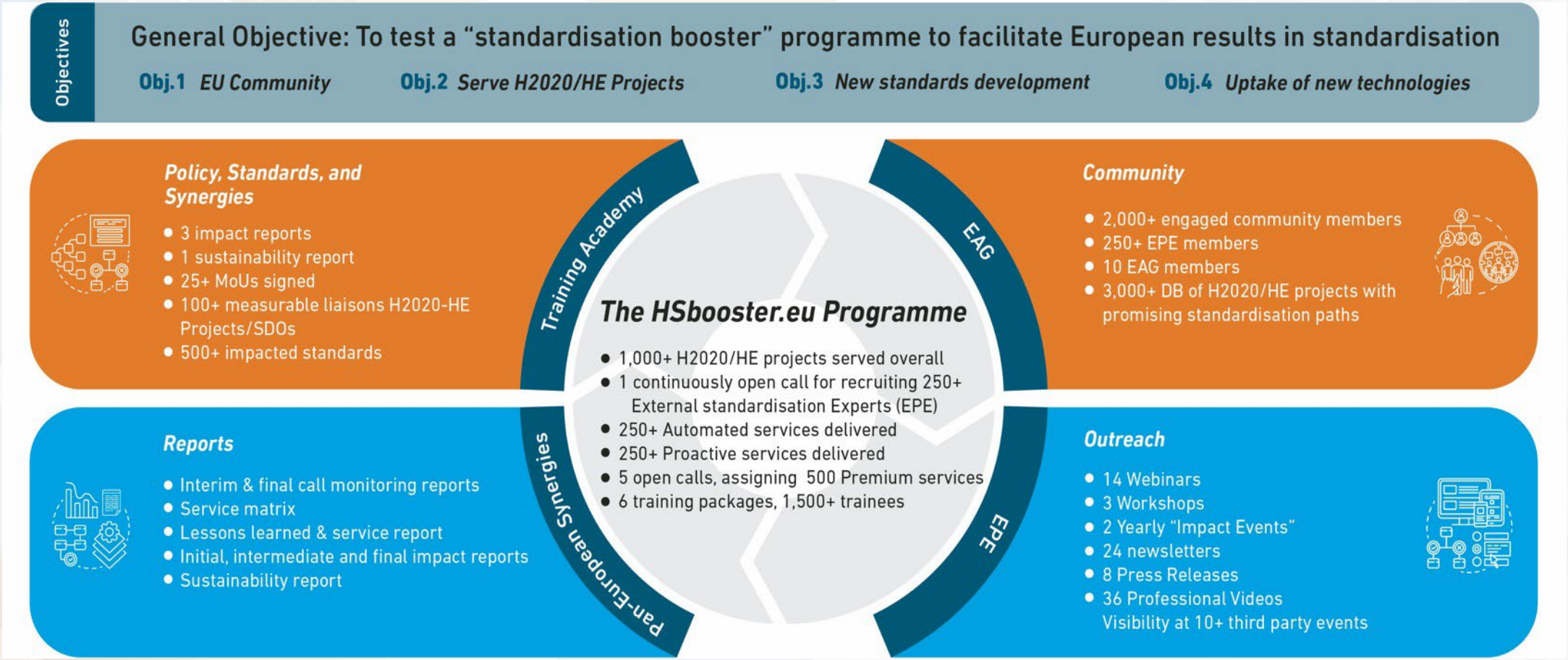
- Backed and supported by experts with complimentary expertise and roles
  - Vertical sectors
  - Technologies
  - Standardisation
  - Advisory roles
  - Market needs
  - Innovation

Chair – Ray Walshe, Dublin City University



EAG provides high-level strategic guidance and provides expert input into standardisation urgencies for open calls

HSbooster.eu in a nutshell



HSbooster.eu reports and policy briefs can contribute to the EU Standardisation ecosystem providing live information on the activities, status and impact of projects in the standardisation field.

HSbooster.eu Programme

500 Consultancy services

Delivered by Standardisation Experts

5 Open Calls

21 June 2022 – Jan 2024

Services last up to 3 months

Training Academy

Continuous open call
Now open

Pool of Experts (250)

Standardisation experts

L1 Support

Helpdesk | Chatbot
Readiness tool

Proactive support

Mapping & matchmaking

Facilitating R&I innovation related stakeholders in EU projects towards EU standardisation and ensuring two-way flow of information that can contribute to identification of new areas for standardisation.

Funded by the European Union

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5 OPEN CALLS

Covering topics related to the standardisation urgencies highlighted in the **EU Strategy on Standardisation**.

The **1st OPEN CALL** will start on **21st June** until **30th September**

2nd OPEN CALL > October 2022 - January 2023

3rd OPEN CALL > February - May 2023

4th OPEN CALL > June - September 2023

5th OPEN CALL > October 2023 - January 2024

Open to all Horizon Europe and H2020 ongoing or finished projects | More info: www.hsbooster.eu/open-calls-eu-projects

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First OPEN Call for EU Funded Projects

Deadline to submit applications > 30th September 2022

Sustainable Digitalisation

- Data quality & Artificial Intelligence
- Access to & usage of data
- Space
- Data and cybersecurity
- Quantum technology

Health

- Pandemics
- E-Health & personalized services
- Design & use of medical devices
- AI in Healthcare

EU Green Transition

- Clean energy
- Materials (raw and secondary)
- Green & sustainable production
- Environmental impact

Resilience

- Robust supply chains
- Climate resilience
- Hybrid civil/defence
- Data protection & cybersecurity

Smart City & Circular Economy

- Circular economy
- Transportation
- Infrastructure
- Green buildings

Topics based on EU Standardisation urgencies, EC call topics & focus of ESOs, NSBs, SDOs.
https://hsbooster.eu/open-call-topics

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OPEN CALL for Standardisation Experts

Supporting Horizon Europe and H2020 projects address Standardisation priorities in Europe

Join our pool of experts

Funded by the European Union

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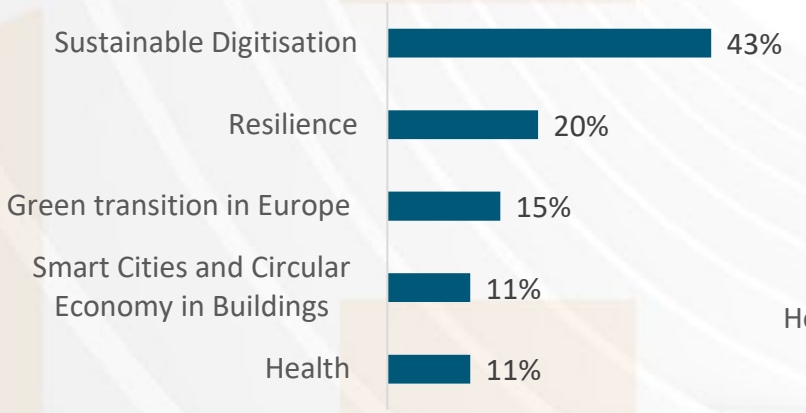
Standardisation Expert Open Call

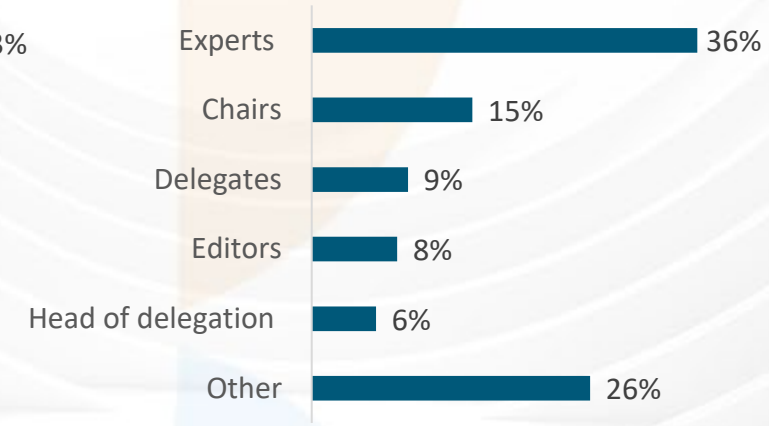
57 Standardisation Experts Recruited since 30th May 2022

Open call open until January 2024.

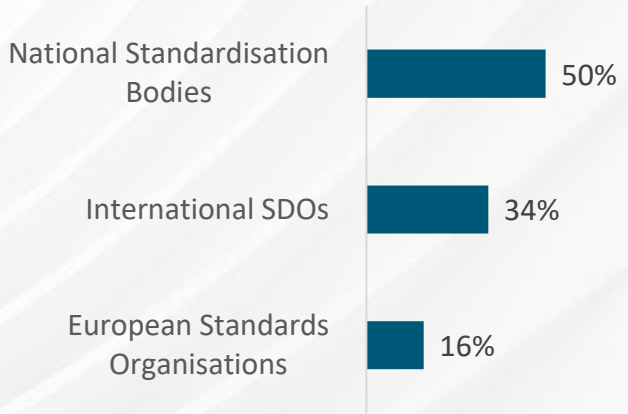
Experts by Open Call Topic



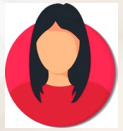
Experts by Role



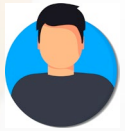
Representatives from



Gender



28% Female



72% Male

Average Years of Experience in standardisation

5.3

Standardisation practices & procedures | State of the art | Where are revisions or new standards needed? | Optimal standardisation workflows and timelines | Unique inside knowledge to facilitate contributions

Applications open: www.hsbooster.eu/epe/register

Next steps

- First Open Calls for projects opens 21st June 2022
- July – August
  - Finalisation of service platform & testing
  - Allocation and notification of experts to project applications
- 5th September
  - Service delivery commences
- September 2022 – March 2024
  - Services delivered on first come first serve basis

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Thank you

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www.hsbooster.eu | @HSboosterEU

Trust-IT Services
Communicating ICT to markets

DCU
Oilscoil Chathair Bhaile Átha Cliath
Dublin City University

AUSTRALO MARKETING LAB

StandICT.eu 2023

ICT STANDARDISATION OBSERVATORY AND SUPPORT FACILITY IN EUROPE

Ray Walshe– *DCU and Director EUOS StandICT.eu 2023*

StandICT.eu has received funding from the European Union's Horizon 2020 Research and Innovation programme under Grant Agreement **No. 951972**.

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

Key-Achievements of StandICT.eu 2023 so far

6 Open calls Completed

Open Call #7 now launched & runnning until 06 July

Functional **Grants Platform** for applications & evaluation process (58 contractualised EPEs)

8 Webinars on topical subjects (AI, Cybersecurity, EU ICT Policies, Trusted Information, Education in Standardisation, Blockchain)

Participation to **33** third-party events + **9** SDOs meetings

16 Memorandum of Understanding signed with relevant players
Synergies with **56** Stakeholders

EUOS
EU Observatory for ICT Standardisation

EUOS Release (March 2021) + *Publication of AI Landscape Report + Smart City Landscape Report + Trusted Information Report*

11 EUOS TWGs on key ICT domains to work on dedicated Landscape & Gap Analysis
4 Landscape Reports completed

More Landscape Analysis reports in release pipeline for 2022 (**Blockchain, IoT, EDGE, Robotics, Ontologies**)

COMMUNITY
1484 registered users
3165 LinkedIn Followers
790+ Twitter Followers

Expert Advisory Group (EAG) members from SDOs, European Commission & Industry (**20 members** contributing to keep topic list updated)

3 Impact Reports released to disseminate the concrete outputs of fellows funded under Open Call #1 e #2

4th issued in June 2022

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

1° to 6° Open Calls – Facts, Figures & Major Accomplishments

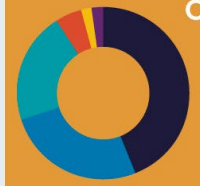
StandICT.eu 2023
ICT STANDARDISATION OBSERVATORY AND SUPPORT FACILITY IN EUROPE

1st to 6th Open Call
RESULTS & POPULAR TOPICS

FUNDED
217
Applications for a total amount of
1.565.796,54 €

GRANT TYPE
197 Long term
18 Short term
2 One Shot

ORGANISATION TYPE

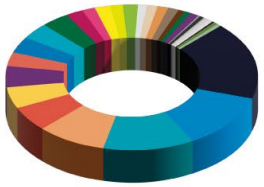


44% SMEs **21%** Academia / Research
26% IT Consultancy / Development
2% Large Enterprise **5%** SDO
2% Goverment / Public Services

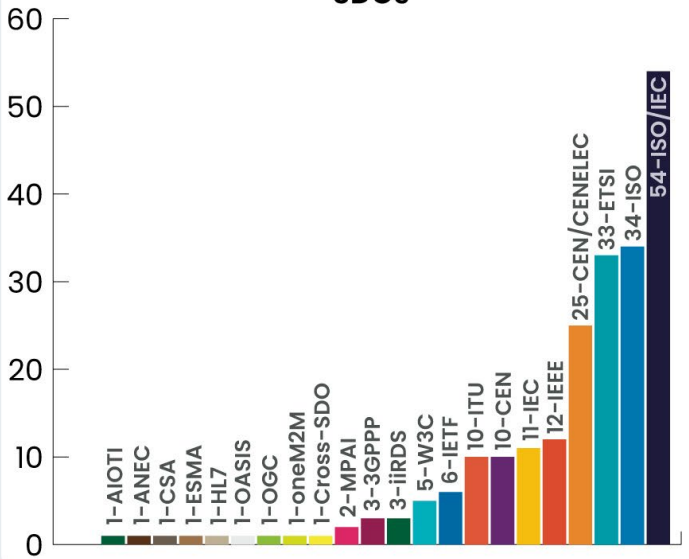
GENDER
42 FEMALE
175 MALE

MOST TARGETED TOPICS

- 37 Cybersecurity
- 27 Artificial Intelligence
- 24 Blockchain & DLT
- 23 5G
- 13 Quantum Technology
- 11 e-Health
- 9 Semantic Interoperability
- 8 Smart Cities
- 7 Fintech & Regtech
- 6 Electronic Identification & Trust Services
- 6 Smart Grid & Smart Metering
- 5 Cross Domain Technologies
- 4 Accessibility of ICT
- 4 Big Data, Open Data & Public Sector Information
- 4 Intelligent Transport Systems
- 4 IoT
- 4 Ontology
- 3 ICT
- 2 Circular Economy
- 2 e-Transport
- 2 Industry 4.0
- 2 Personal Identification
- 2 Trusted Information
- 1 Augmented Reality
- 1 Building Trust
- 1 Cloud Computing
- 1 Construction
- 1 Digital Twins
- 1 ICT Environmentsl Impact
- 1 Privacy
- 1 Robotics & Autonomous Systems



SDOs



Consistent number of proposals coming from applicants coming from SMEs and/or IT field as well as from Academia/Research

Cybersecurity, 5G, Artificial Intelligence, Blockchain & DLT proved to be yet the most popular topics.

A wide range of different topics tackled: e-Health; Semantics; Smart Grids; Smart Cities and more.

The EUOS TWGs & Landscape Reports published

Download

OPEN & AGILE SMART CITIES

Download

Download

"Landscape of Artificial Intelligence Standards", ***"Landscape of Smart Cities Standards"*** *and* ***"Landscape of Trusted Information Standards"*** *are the fruit of the dedicated Technical Working Groups.*

The Reports provide an encompassing compilation of standardisation efforts underway in the framework of European SDOs, such as CEN and ETSI, Government, Public Bodies and Agencies, Global SDOs, and initiatives.

11 Technical Working Groups that encompass **+100 renowned Standards experts** in key ICT and technological domains:

1. *Artificial Intelligence*
2. *Blockchain*
3. *Smart Cities*
4. *Cybersecurity*
5. *Trusted Information*
6. *Digital Twin*
7. *Big Data Interoperability*
8. *IoT & Edge Computing*
9. *Ontologies*
10. *Robotics*
11. *EUOS Academy*

#7 Open Call

The #7 OC will run until the ***06th of July****.*
*The leading theme will be "****AI, Data & Robotics****" and the list of eligible topics has been augmented with the introduction of new topics of the recently released ICT Rolling Plan and more (i.e.* ***Data Economy, 6G, U-Space****)*
https://www.standict.eu/standicteu-2023-7th-open-call

Thanks from

StandICT.eu 2023

ICT STANDARDISATION OBSERVATORY AND SUPPORT FACILITY IN EUROPE

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To find out more visit:
standict.eu

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@Stand_ICT

Join us on Linkedin
linkedin.com/in/standict

24° March 2022

Standards in ADRA-e

European Partnership on Artificial Intelligence, Data and Robotics

Ray Walshe

Adra-e

AI, Data and Robotics ecosystem

ADRA-e

Call: HORIZON-CL4-2021-HUMAN-01

(A HUMAN-CENTRED AND ETHICAL DEVELOPMENT OF DIGITAL AND INDUSTRIAL TECHNOLOGIES 2021)

Topic: HORIZON-CL4-2021-HUMAN-01-02

Type of Action: HORIZON-CSA

Proposal acronym: Adra-e

Type of Model Grant Agreement: HORIZON Action Grant Budget-Based

Budget: €4,000,000

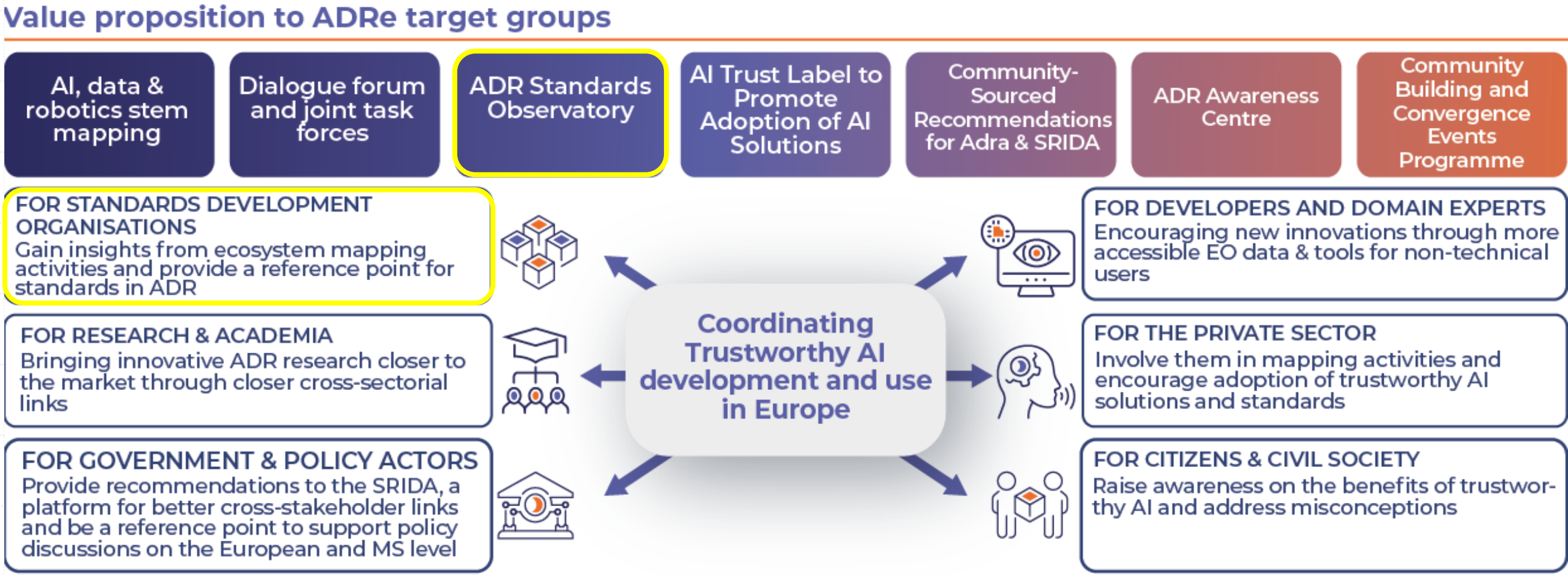
Standardisation methods for trustworthy and ethical AI to foster AI, data and robotics industry, and **in support of the Commission regulatory framework**.

- The project will develop the **ADR online Observatory of standards** and standardisation activities, leveraging on the StandICT.eu project. After the first iteration, which will cover the **standards at European level**, further iterations will pave the way at **international level** for the sustainability of the activities in Adra-e. [Technological impact, T5.2 through the building of a feasible European regulation framework.]
- In a wider impact, the **adoption of standards** will improve the **trustworthiness** of EU industries and processes and increase their **acceptance by the civil society**. Driven by ethical principles, standards and efficient regulations will **safeguard the interests of EU citizens.**

Scale and significance of the **project's contributions to the expected outcomes and impacts**

- **50 standards** – Having the experts group supporting the **technical WG on ADR will impact on average 50 documents own to the multiplier effect typical of the TWG & TCs technical committees**. To maximize the impact on Europe needs, a focus on harmonized standards needs will be made.
- **Scale: 30% of new standards analysed**. An effect of this type immediately contributes to bringing the European standardisation community at a remarkable level of impact on international standardisation.
- **Significance:** Europe will have a **corpus of standards** harmonized with its regulation and **Europe's voice** towards standard development activities will be reinforced when Adra takes over at the end of Adra-e.

Adra-e's Value Proposition to Target Groups



ADRA-e Standardisation and regulation

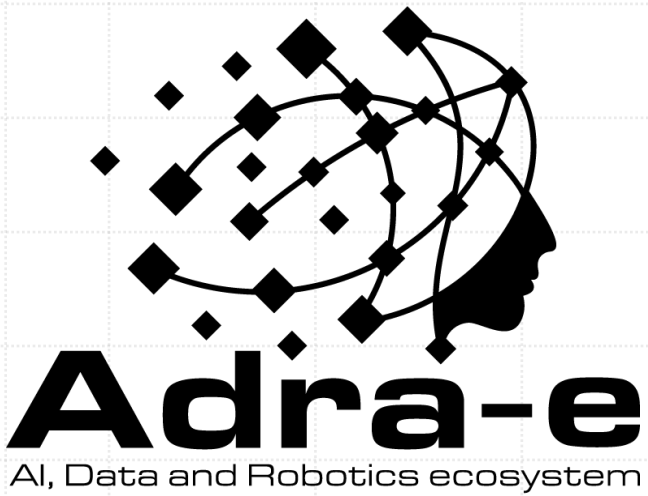
OBJECTIVES

- Provide support and contributions for the implementation and the update of the SRIDA standardisation actions for trustworthy and ethical AI to bolster the AI, Data and Robotics market in Europe.
- Set up a competent and authoritative Experts Group for standards.
- Deliver a comprehensive, relevant, and inclusive AI, Data & Robotics Standards Observatory

- Task 1 – Expert Group animation, state-of-the-art in AI, Data and Robotics standards, and monitoring of ongoing standardisation activities.
- Task 2 Alignment and mapping with regulations and research recommendations.

THANKS

- Standards in ADA-e



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