



**HSbooster.eu**  
Horizon Standardisation Booster

# HSbooster.eu The EU Standardisation Booster

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COMMpla

**Sustainable Places 2022**

**AI and Ethics in Manufacturing**

**07/09/2022**



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

# Agenda

- Essentials of HSbooster.eu and challenges addressed
  - How to get engaged: open call topics and application
  - What you can expect and next steps
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# HSbooster.eu – The essentials

- **HSbooster.eu - Standardisation Booster for H2020 and Horizon Europe Research Results**
- Coordination & Support Action (101058391) - April 2022 – March 2024
- 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).
- Standardisation Booster cited in the EU Strategy on Standardisation
  - *a platform to help H2020 and Horizon Europe beneficiaries whose research results are likely to lead to the revision or creation of a standard and to test the relevance of their results for standardization*
  - *Raise strategic awareness and build expertise and skills in standardisation*
  - *Promote EU interests and values through standards*
  - *Address **standardisation urgencies***



- Project Coordinator
- COMMpla Platform manager



- Automated services management



- EAG management
- Open calls and EPE management



- Training academy management



- Proactive services management



- Premium services management

# Addressing existing challenges

## PROJECTS

### Scoping Study for the Code of Practice

- Have access to standardisation experience and access to the community
- “Involve TC members as sounding boards for the project”
- Relevance of project to standard and careful, realistic planning
- Synchronising objectives to consensus- and time- driven standards process
- Training and skills: basic understanding, negotiation, linguistic, stakeholder management



Scoping Study identifies key areas in which HSbooster.eu can make a practical and tangible difference to projects. Booster services should meet needs of ESOs, national bodies and International SDOs

# HSbooster.eu in a nutshell

**Objectives**

**General Objective:** To test a “standardisation booster” programme to facilitate European results in standardisation

**Obj.1** EU Community

**Obj.2** Serve H2020/HE Projects

**Obj.3** New standards development

**Obj.4** Uptake of new technologies



Facilitate Projects to USE, and contribute to the REVISION and CREATION of Standards  
Increase awareness of and expertise in Standardisation

# HSbooster.eu Programme



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.



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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>

# Sustainable Digitalisation

## • **Data quality and AI – 1st Open Call Priority**

- Trustworthy AI
- Intelligent factories
- AI-based decision-making solutions (HR, legislation, labour)
- Circular data
- Ethical data usage
- Data interoperability

## • **Access to and usage of data**

- Ethical data usage
- Internet of things
- Common European data spaces
- Data interoperability
- Digital twins
- Blockchain and digital logbook
- Circular data
- eID
- eGovernment
- Internet protocols

## • **Space**

- European Global Navigation Satellite System (EGNSS)
- Big data from space
- 5G from space

## • **Data & cybersecurity**

- Cyber- and information security (SME)
- Cyber security in telecommunication
- Chips in terms of security, authenticity, reliability
- Payment services
- Audit and certification of information security
- Cloud Services
- Identity management

## • **Quantum technology**

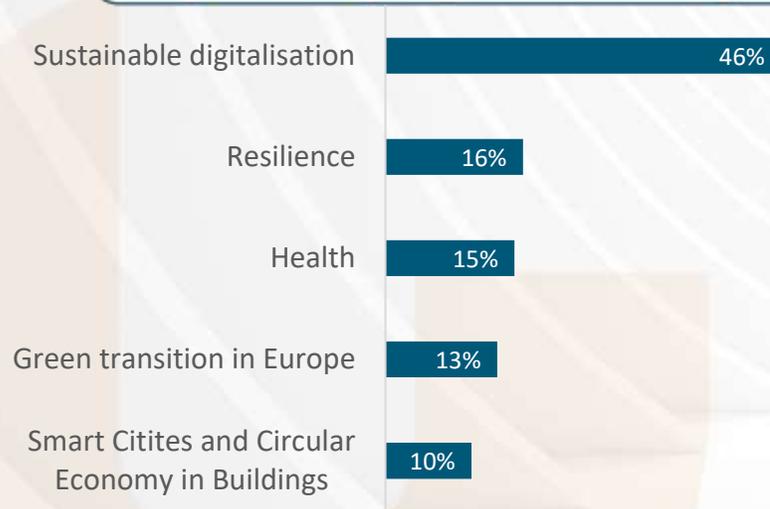
- Quantum computing
- Quantum sensors
- Quantum simulations
- Quantum communication

Engagement with ESOs, NSBs and SDOs essential to understand urgencies and identify the right experts  
Open call topics are continuously updated so that we can address evolving priorities

# Standardisation Expert Open Call

103 Standardisation Experts Recruited up to 31<sup>st</sup> August 2022

## Experts by Open Call Topic



## Experts by Role



## Representatives from



## Gender



**23%**  
Female



**77%**  
Male

## Average Years of Experience in standardisation

**6.4**

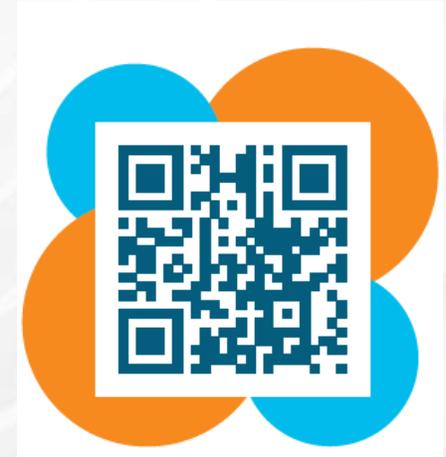
# Type of expected input to projects

- Coaching in standardisation practices and procedures
  - Specifying current state-of-the-art of standards
  - Identifying areas for new standards / revised standards
  - Advising on possible paths for open standards
  - Pinpointing optimal standardisation workflows and timelines
  - Identifying existing standards for use by project
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# Next steps

- First Open Call for projects 21<sup>st</sup> June – 30 September
- September 2022 – March 2024
  - Delivery of 5 Open Calls for EU projects
  - Services delivered on first come first serve basis
  - Standardisation Expert recruitment and Open Call continuously open

Open call for projects  
Open call for standards experts  
[www.hsbooster.eu](http://www.hsbooster.eu)



**Do not miss the opportunity to apply for delivering or receiving these services**

Thank you

Maria Giuffrida

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