HSbooster.eu
Horizon Standardisation Booster

Advancing AI Regulations through Standardisation

19th December 2022

Nicholas Ferguson, Coordinator & COMMpla

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

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The EU Standardisation Booster

Funded by the European Union

- **Name:** HSbooster.eu - Standardisation Booster for H2020 and Horizon Europe Research Results.
- **Funding:** Launched by the EU Commission as a part of the European standardisation strategy.
- **Call:** 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).
- CSA (GA: 101058391)
- Duration: April 2022 – March 2024
- Budget €2 million

- **Purpose:** Give European R&I projects the opportunity to increase their impact, gain market access and support the European green and digital agenda by using standards and contributing to standardisation
- **Objectives:**
  - Build a European community around standardisation and EU Projects
  - Serve EU projects through dedicated support services
  - Support projects in contributing to the creation of new or revision of existing standards
  - Impact on the uptake of new technologies resulting from standardisation
- Supported by External Advisory Group

Partners

COMMpla	Trust-IT Services	DCU	University of Belgrade	DS Dansk Standard	SGS
• Project Coordinator • COMMpla Platform manager	• Automated services management	• EAG management Open calls and EPE management	• Training academy management	• Proactive services management	• Premium services management

External Advisory Group

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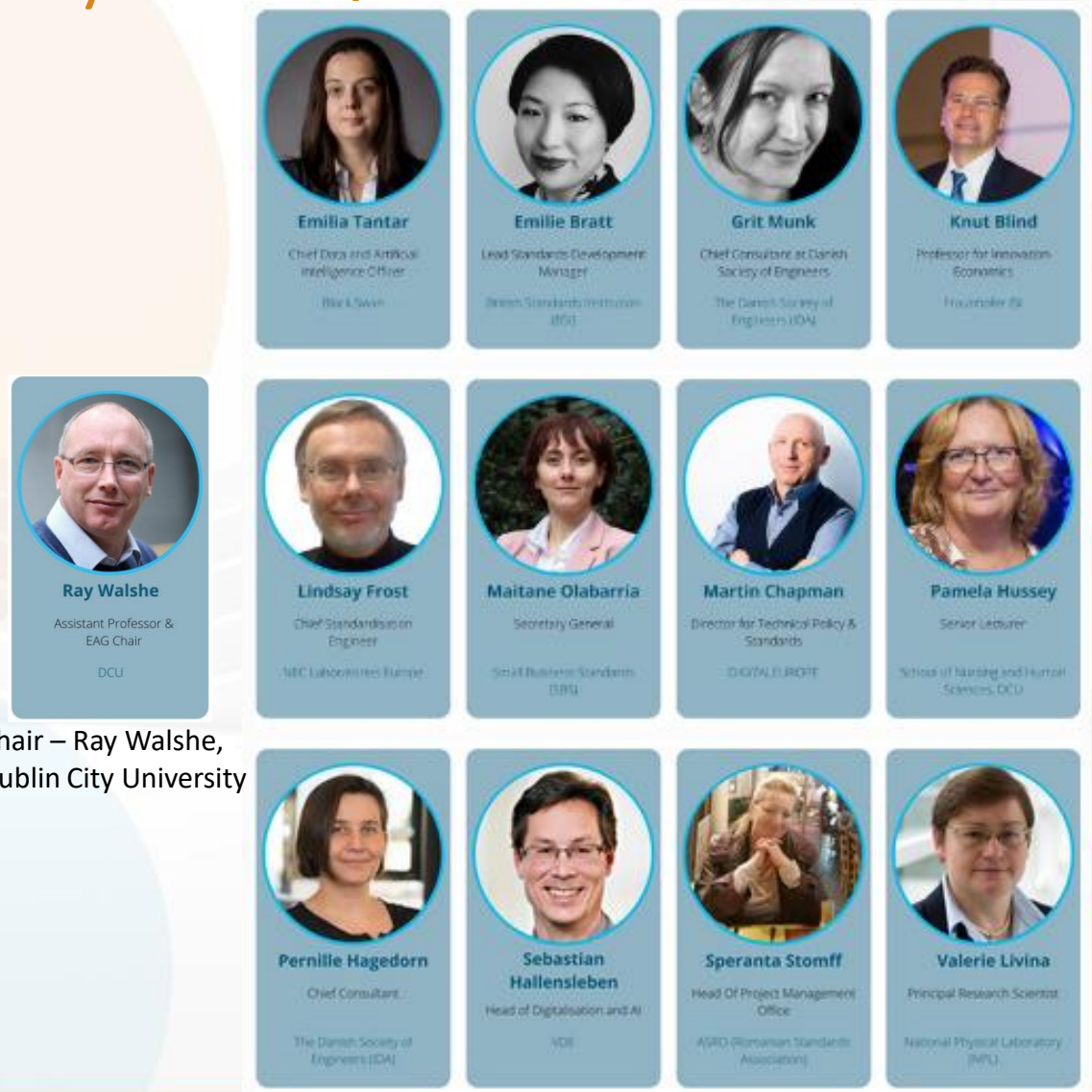
- Backed and supported by experts with complimentary expertise and roles
  - Standardisation organisations
  - Vertical sectors
  - Technologies
  - Advisory roles
  - Market needs
  - Innovation
- Collaboration inside ETSI to optimise consultations



Chair – Ray Walshe, Dublin City University

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

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OPEN CALL Topics

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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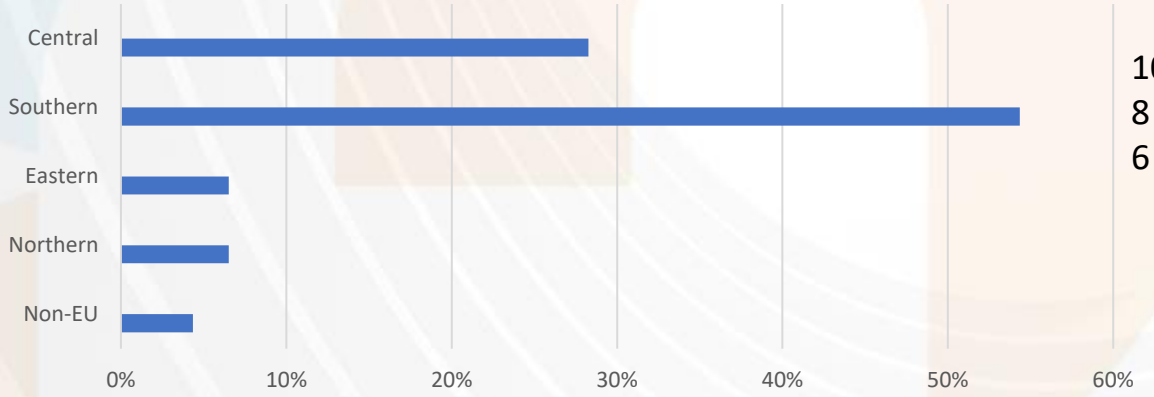
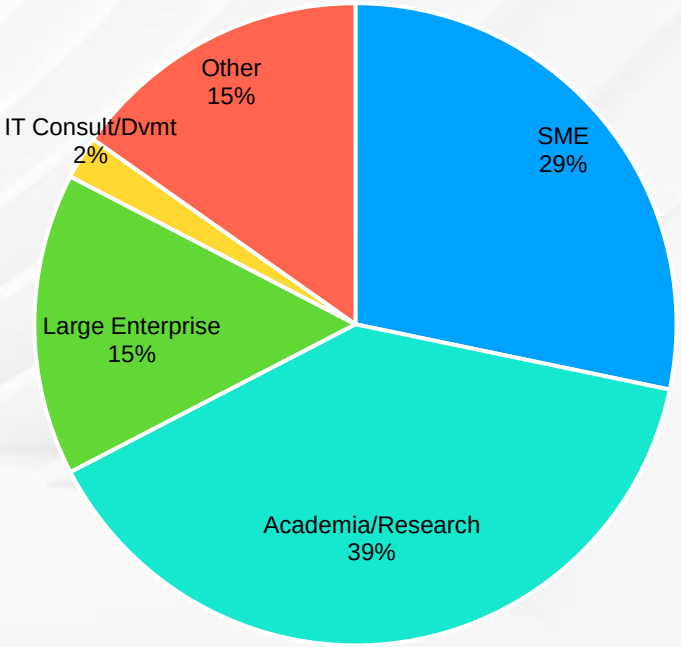
49 Premium service applications

By region

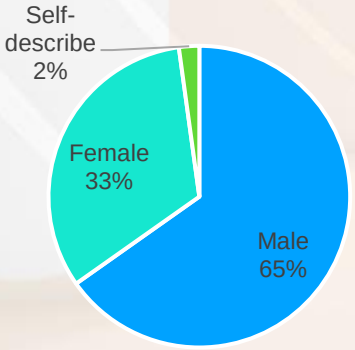


10 Italy
8 Spain
6 Greece

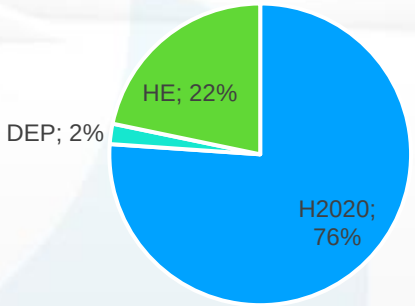
Organisation type



Gender



Framework Programme



Majority of applications from southern Europe. Improved gender balance than expert applications
Projects able to apply to multiple open call topics. 10 applications cite over one open call topic.
47% of applicants from private sector

121 Standardisation Experts

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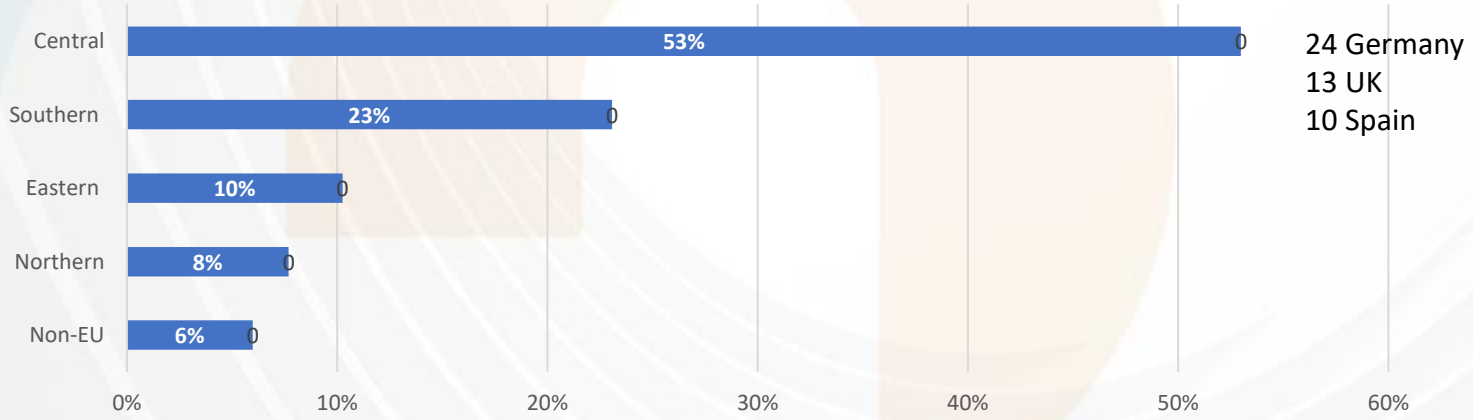
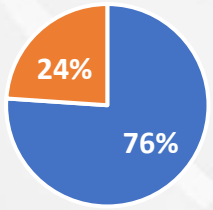
By region



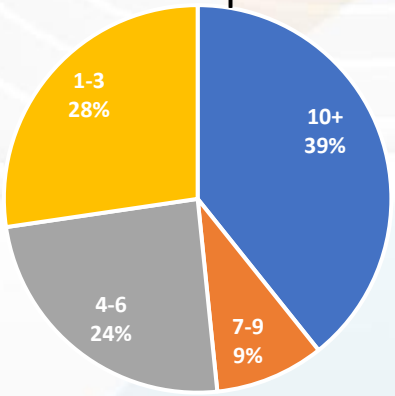
24 Germany
13 UK
10 Spain

Gender

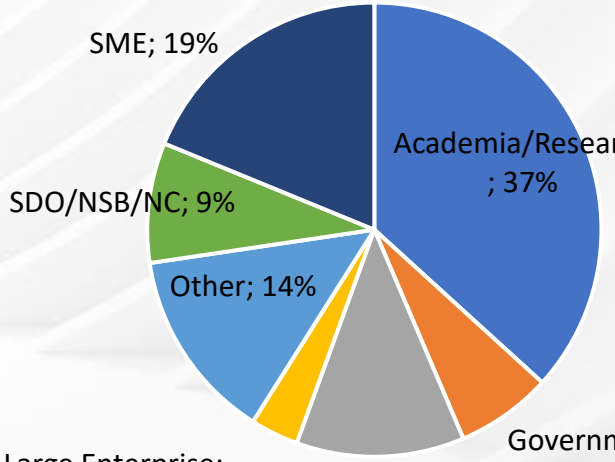


25% Female
75% Male

Years of experience



Organisation type



Generally well-experienced experts signed up
Country spread reflected in the NSBs featured and EU SDOs. ISO, ITU, IEEE also represented
Academia the main represented organisation type

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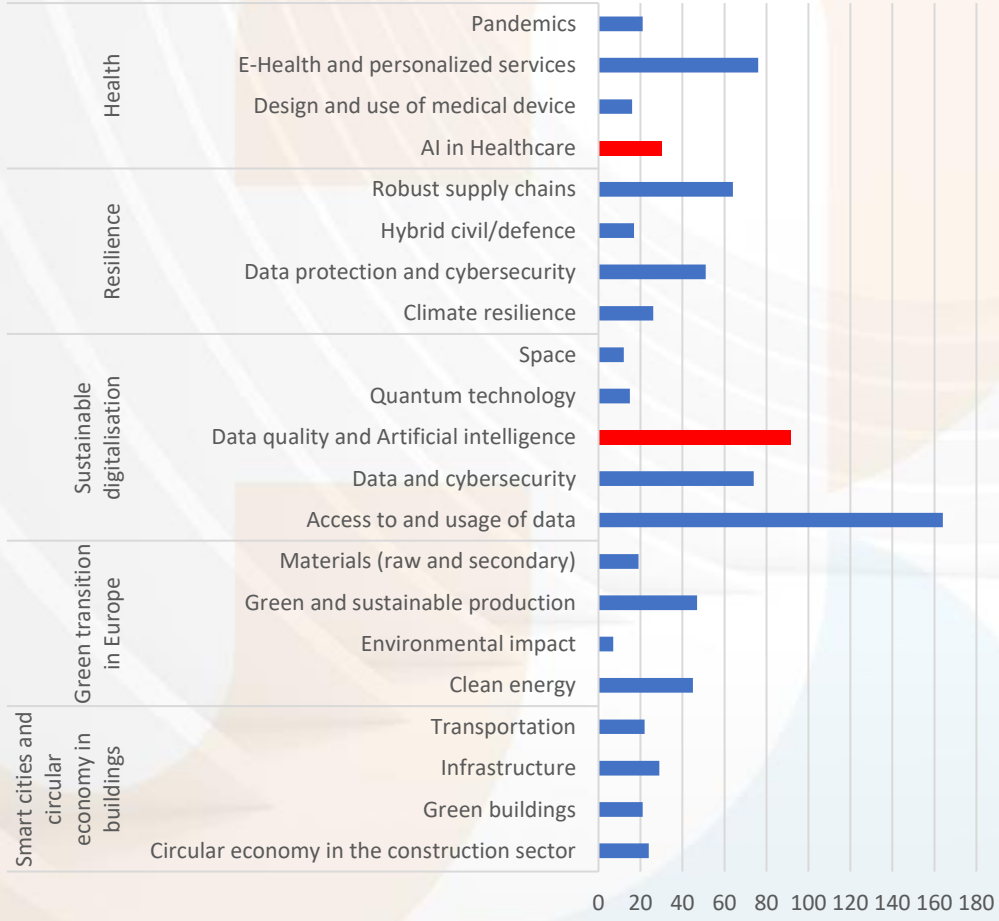
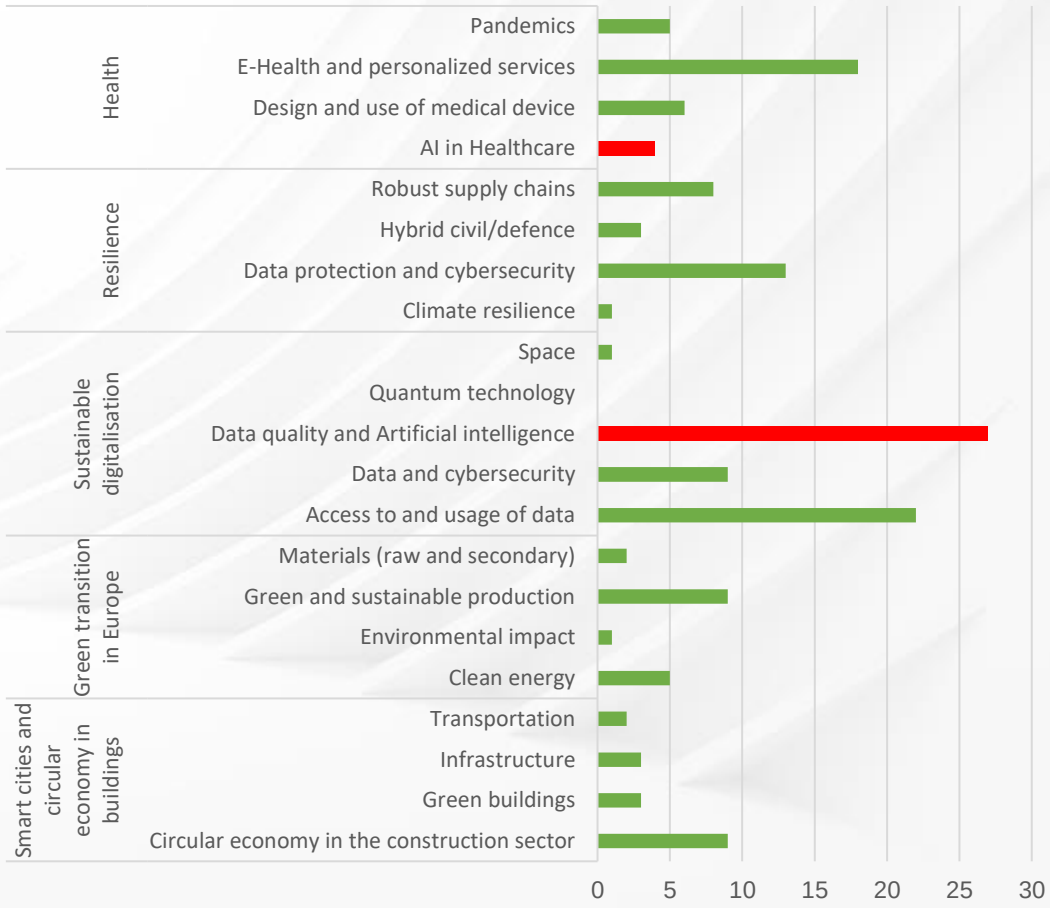
Experts vs Project applications

16%
18%
41%
14%
11%



22%
17%
39%
11%
11%



Trustworthy AI, AI-based decision-making solutions (HR, legislation, labour)
AI in radiology AI health services

Types of support requested by projects

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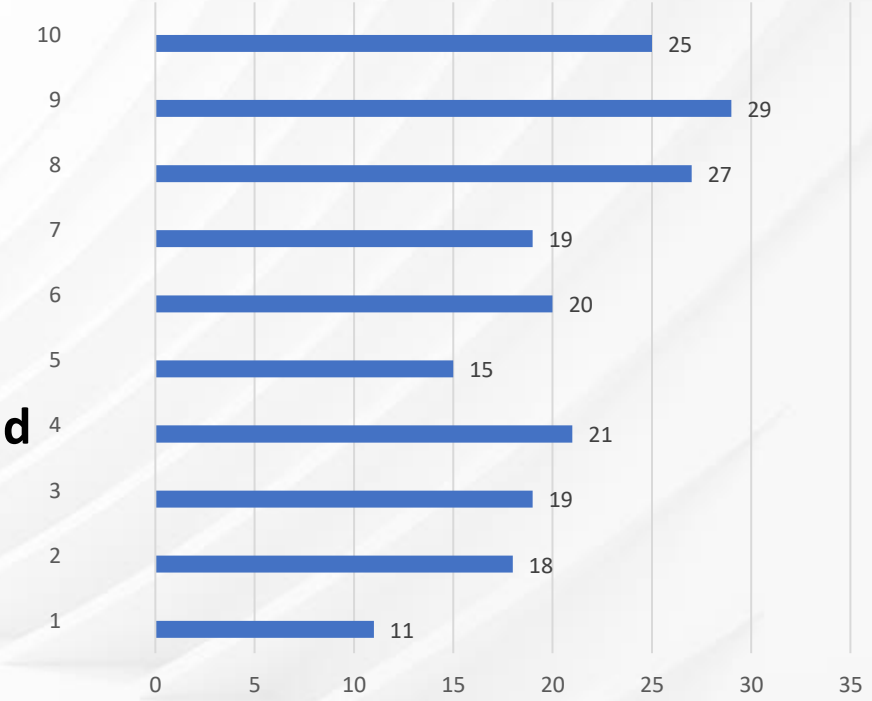
10 **How to propose new standardisation items to a Technical Committee**
9 **How to influence processes and outcomes of standardisation**
8 **How to identify needs for new standards**
7 How to get engaged in standardisation as an observer or participant
6 **How to select relevant standardisation organisations to engage with**
5 How to search for and select appropriate standards
4 **Information on the standardisation landscape in a certain technical field**
3 How to choose appropriate types of standardisation for an R&I project
2 Understand relations between standards and regulations
1 Understand the basics on standardisation including basic terms



Multiple request types can be requested
Average 4 requests per application

Type of support requested similar across organisation types.
Sustainable digitalisation: identification of relevant standards/TCs
Health related projects have a better idea of standards/TC to influence

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19th December

14:30 - 16:00 CET

WEBINAR

Speakers

Nicholas Ferguson
COMMpla Senior Project Manager & HSbooster.eu Coordinator

Salvatore Scalzo
Policy & Legal Officer "Artificial Intelligence Policy Development and Coordination" at European Commission - DG CNECT

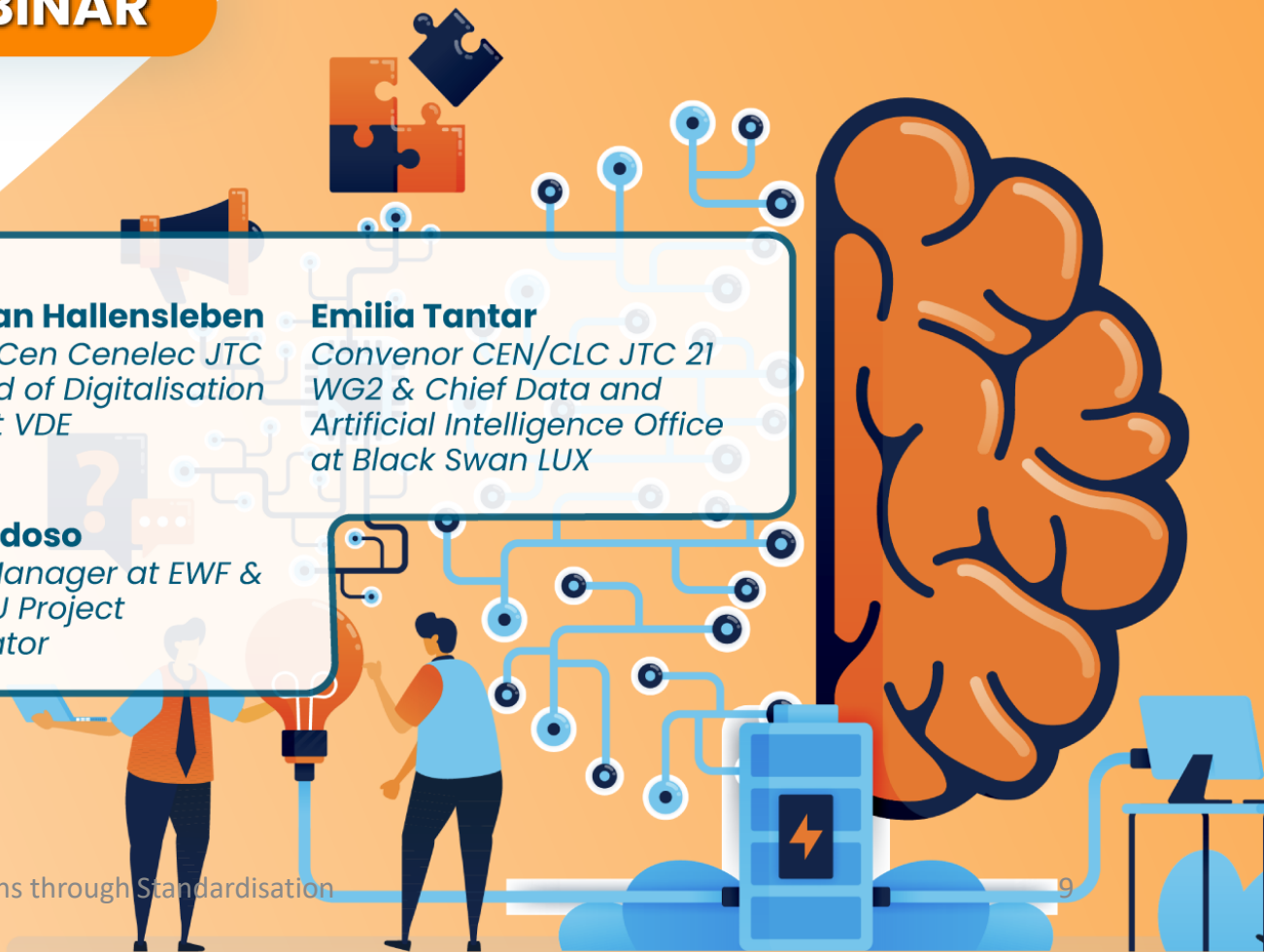
Sebastian Hallensleben
Chair of Cen Cenelec JTC 21 & Head of Digitalisation and AI at VDE

Emilia Tantar
Convenor CEN/CLC JTC 21 WG2 & Chief Data and Artificial Intelligence Office at Black Swan LUX

Serena Albertario
Project Manager at Holonix & KITT4SME Representative

Klaus Hoeckner
Managing Director HGBS/Access Austria

Ana Cardoso
Project Manager at EWF & Stand4EU Project Coordinator



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Thank you

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Coordinator & COMMpla

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