

Presentation EDU4Standards  
25th June 2024

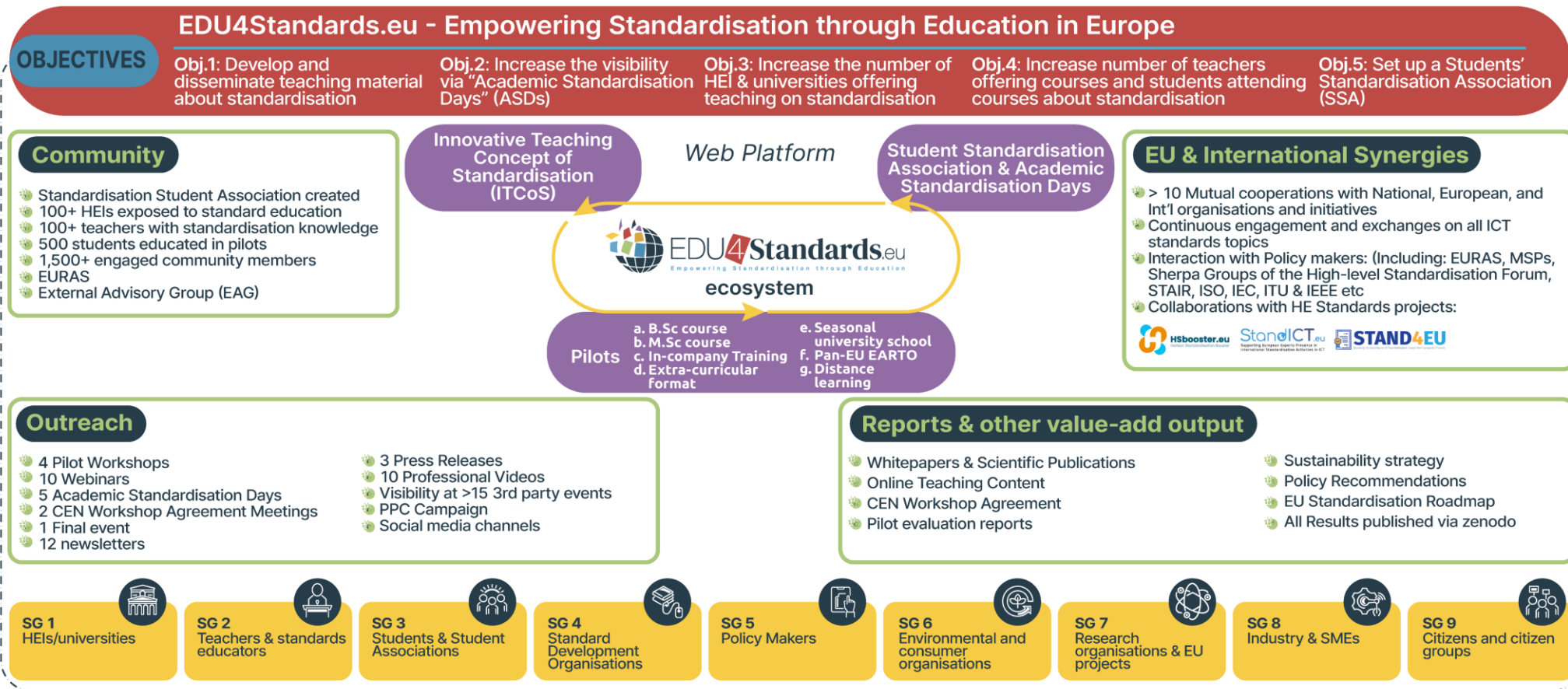
## THE ARSO MONTHLY WEBINAR

FHG, VILNIAUS UNIVERSITETAS,, TECHNISCHE UNIVERSITEIT DELFT, TRUST-IT, COMIMpla,  
UNIVERZITET U BEOGRADU, Universidad Politécnica de Madrid, Politecnico di Milano,  
UNIVERSITAET GRAZ, Dublin City University, TECHNISCHE UNIVERSITAT BERLIN, HOGSKOLAN I  
SKOVDE, TECHNISCHE UNIVERSITEIT EINDHOVEN. TILBURG UNIVERSITY, COMITE EUROPEEN  
DE NORMALISATION, Small Business Standards, freesia innovation e.U., House of Knowledge






















































- 🌐 Truly happy to be here at ASRO
- 🌐 Why can EDU4Standards make a difference also in the long run!
- 🌐 Education about standardisation is high on the agenda:
  - 🌐 EU Standardisation Strategy - > HLF; meeting with different DGs of the EC
  - 🌐 EU Code of Practice on standardisation, European Standardisation Panel Survey
  - 🌐 US Standardisation Strategy
  - 🌐 National activities, e.g. in Germany, and international activities, e.g. ISO, etc.
  - 🌐 High pressure due to demographic change & many new topics, AI, quantum, & challenges, i.e. climate change
- 🌐 Three prime keywords that will support us in creating impact, IMHO:
  - 🌐 **Branding:** People know us and our reputation;
  - 🌐 **Inclusivity:** Our network speaks for itself and we want to make sure all other education efforts related to standardisation in the EU (projects & partners can be integrated into EDU4Standards or at least be supported;
  - 🌐 **Sustainability:** We are dedicated to the topic since long time including EURAS as a hub, which should allow us to establish a sustainable initiative!
- 🌐 Wish us all a fruitful exchange related to EDU4Standards!

Participant No.	Participant organisation name	Short name	Type	Country
1 (Coordinator)	Fraunhofer Institute for Systems and Innovation Research	FhG	RTO	DE
2	VILNIAUS UNIVERSITETAS	VU	UNI	LT
3	TECHNISCHE UNIVERSITEIT DELFT	TUD	UNI	NL
4	TRUST-IT SRL	TRUST	SME	IT
5	COMMpla SRL (Affiliate of TRUST-IT)	COMM	SME	IT
6	UNIVERZITET U BEOGRADU - FAKULTET ORGANIZACIONIHR	UB	UNI	SRB
7	Universidad Politécnica de Madrid	UPM	UNI	ES
8	Politecnico di Milano	POLIMI	UNI	IT
9	UNIVERSITAET GRAZ	UGZ	UNI	AT
10	Dublin City University	DCU	UNI	IE
11	TECHNISCHE UNIVERSITAT BERLIN	TUB	UNI	DE
12	HOGSKOLAN I SKOVDE	SKO	UNI	SE
13	TECHNISCHE UNIVERSITEIT EINDHOVEN	TU/e	UNI	NL
14	TILBURG UNIVERSITY- UNIVERSITEIT VAN TILBURG	TiU	UNI	NL
15	COMITE EUROPEEN DE NORMALISATION	CEN	NPO	BE
16	Small Business Standards	SBS	NPO	BE
17	freesia innovation e.U.	FRE	SME	AT
18	House of Knowledge	HoK	SME	NO



## EDU4Standards Stakeholder Groups and Engagement

 <p><b>SG#1</b> Higher Education Institutes/Universities</p> <p>Active or inactive in standardisation education and teaching e.g. European University Association; European Association of Institutions in Higher Education</p> <p><b>ENGAGE</b> Identify needs and content. Validate &amp; Uptake results and roadmap recommendations</p> <p><b>CHANNEL</b>      </p>	 <p><b>SG#2</b> Teachers &amp; Standards Educators</p> <p>Current and potential teachers and instructors in different fields: EURAS, SDO Training initiatives by ETSI, CEN-CENELEC, ISO, IEC, NATO, SBS, ITU, IEEE SA, Standard Education AASStart; StandICT &amp; HSBooster Training Academies</p> <p><b>ENGAGE</b> Identify needs and content. Pilot, validate &amp; uptake of teaching concept and materials</p> <p><b>CHANNEL</b>      </p>	 <p><b>SG#3</b> Students &amp; Students Association</p> <p>Students and groups where education can impact positively on learning and qualifications</p> <p><b>ENGAGE</b> Recruit to EU Student Standardisation Association and pilot engagement</p> <p><b>CHANNEL</b>     </p>
 <p><b>SG#4</b> Standards Development Organisations</p> <p>EU (e.g. ETSI &amp; CENELEC in addition to partner CEN,); International (e.g. ISO, IEC, ITU, IEEE, IETF, NIST, W3C, etc.); National Standardisation Bodies</p> <p><b>ENGAGE</b> Identify needs. Specify teaching content. Contribute to Standards Days</p> <p><b>CHANNEL</b>    </p>	 <p><b>SG#5</b> Policy Makers</p> <p>European Commission: DG GROW, DG R&amp;I, DG Connect &amp; Multi-Stakeholder Platform, EC High-Level Forum</p> <p><b>ENGAGE</b> EU Education on standardisation roadmap</p> <p><b>CHANNEL</b>      </p>	 <p><b>SG#6</b> Environmental and consumer organisations</p> <p>GHG Protocol, ECOS, Carbon Trust, Digital Twin consortium, Hubs for Circularity, EU Green Digital Coalition, National consumer organisations e.g. (ACU Italian Association Consumers and Users) &amp; Consumers' Association of Ireland</p> <p><b>ENGAGE</b> Understand impact of standardisation &amp; education. Educate on standardisation roadmap</p> <p><b>CHANNEL</b>   </p>
 <p><b>SG#7</b> Research organisations and EU projects</p> <p>Organisations requiring researchers to be better equipped to contribute to standardisation. EU projects addressing standardisation and education e.g. StandICT, HSbooster.eu, Stand4EU and projects funded through HORIZON-CL4-2023-HUMAN-01-64</p> <p><b>ENGAGE</b> Participate at events, validate and use training material, create synergies</p> <p><b>CHANNEL</b>   </p>	 <p><b>SG#8</b> Industry, SMEs and Start-Ups and related Associations. Vertical sector coverage</p> <p>Large enterprise, SMEs and Start-Up Associations with vertical sector coverage</p> <p><b>ENGAGE</b> Identify needs. Introduce standardisation into training programmes</p> <p><b>CHANNEL</b>      </p>	 <p><b>SG#9</b> Citizens and citizen groups</p> <p>Citizens and citizen ICT &amp; interest groups: Digital Citizenship Education, Digital SkillUp, ySKILLS, Digital skills and Jobs Coalition</p> <p><b>ENGAGE</b> Understand importance of standardisation in education</p> <p><b>CHANNEL</b>   </p>

- 🌐 Impact #1: Higher visibility of standardisation knowledge in curricula and courses by 11 HEI with standards teaching teamed up with 100 other HEI supported by CEN
- 🌐 Impact #2: >200 teachers having standardisation knowledge by the end of the project, CWA provides further support.
- 🌐 Impact #3: More students gaining standardization knowledge – short/medium term: >200 students and professionals are educated by the pilots, long term: Europe's industry has additional 5,000 standards experts p. a. by 2027 (50 in 100 HEI).
- 🌐 Impact #4: More standardisation knowledge available for new teaching content attracting more students details based on KPI table: >#200 courses, #5 modules on standards and green transitions, # 5 modules on standards and digital transition, CWA

- 🌐 Contribution to reach the impacts, higher visibility of EDU4Standards
- 🌐 Contribution to reach KPIs,
  - 🌐 participation in webinars to represent stakeholders' perspectives and needs
  - 🌐 participation in events
  - 🌐 promotion via Social Media, e.g. LinkedIn group
  - 🌐 links to relevant organisations, mainly universities in Africa
- 🌐 Further ideas?



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