

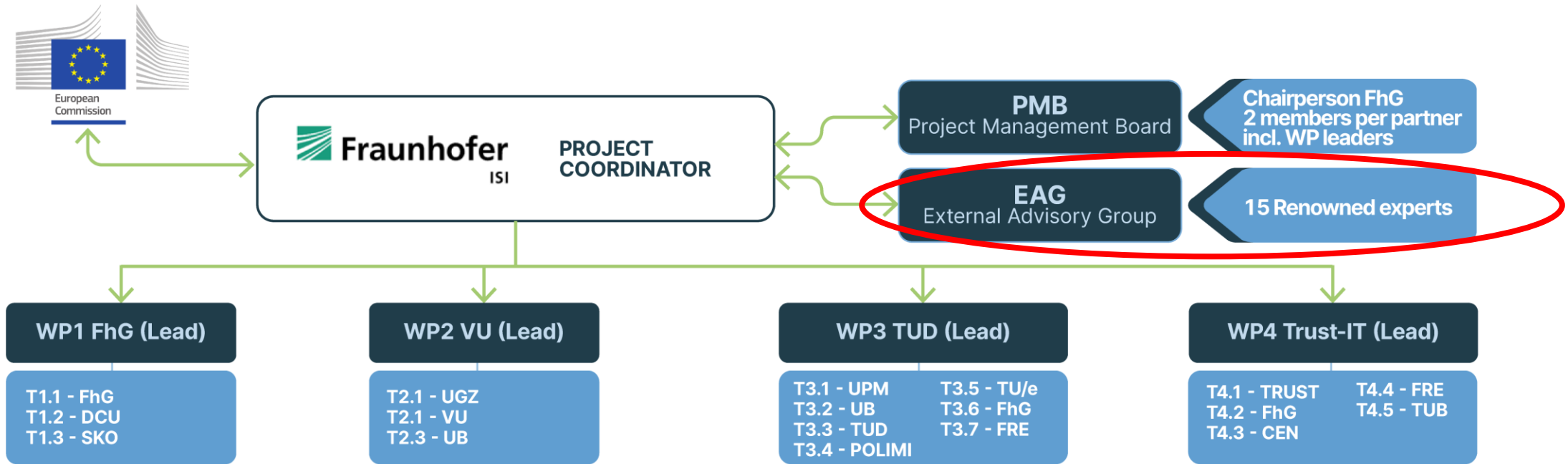


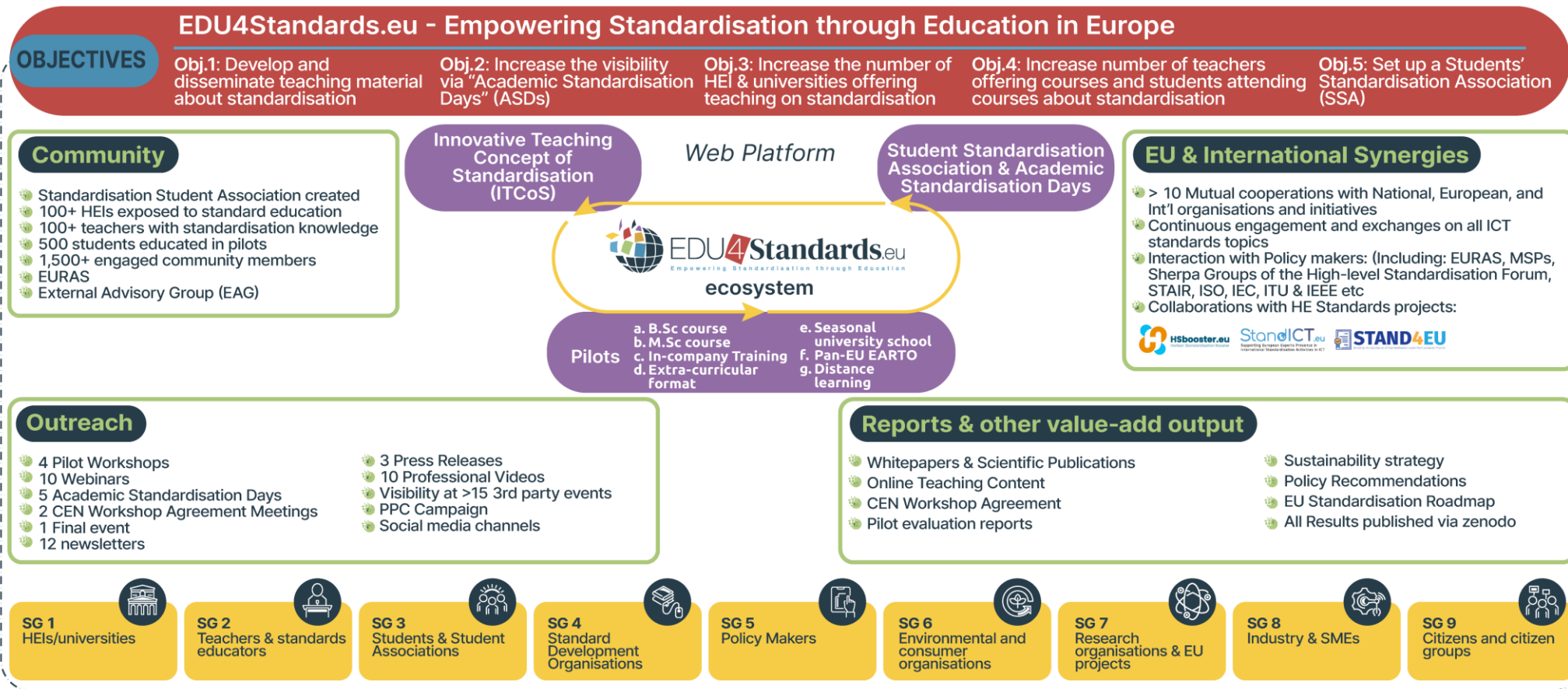
Presentation EDU4Standards Meeting with ASI, 24 April 2024

FHG, VILNIAUS UNIVERSITETAS,, TECHNISCHE UNIVERSITEIT DELFT, TRUST-IT, COMMPla,
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 ASI
- 🌐 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 and many new topics, AI, quantum, etc
- 🌐 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



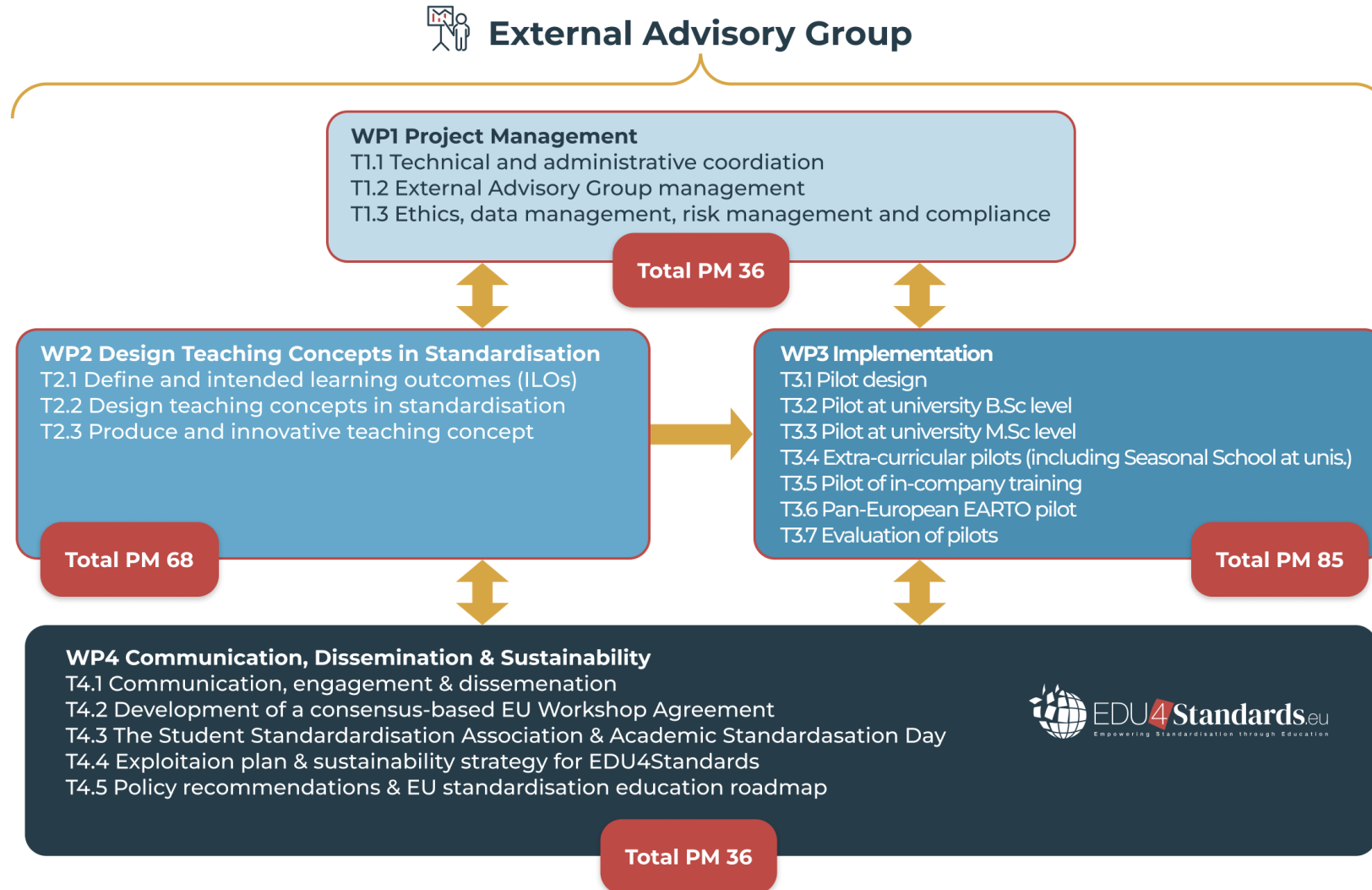


WP / month, project month




















































	Year																																				
	2024												2025												2026												
	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	1	2	3	4	5	6	7	8	9	10	11	12	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	
WP 1 Project Management																																					
T 1.1 Technical and administrative coordination																																					
T 1.2 External Advisory Group (EAG) management			M1																																		
T 1.3 Ethics, data management, risk management, and compliance																																					
WP 2 Design teaching concepts in standardisation																																					
T 2.1 Define the intended learning outcomes (ILOs)																																					
T 2.2 Identify and categorise relevant existing content and methods																																					
T 2.3 Produce the innovative teaching concept											M2																										
WP 3 Implementation																																					
T 3.1 Pilot design																	M3																				
T 3.2 Pilot at university B.Sc level																																					
T 3.3 Pilot at university M.Sc level																																					
T 3.4 Extra-curricular pilots (including Seasonal School at unis.)																																					
T 3.5 Pilot of in-company training																																					
T 3.6 Pan-European EARTO pilot																																					
T 3.7 Evaluation of pilots																																					M5
WP 4 Communication, Dissemination and Sustainability																																					
T 4.1 Communication, Engagement & Dissemination																																					
T 4.2 Development of a Consensus-based European Workshop Agreement																																					M6
T 4.3 The Student Standard. Association & Academic Standards Days																		M4																			M7
T 4.4 Exploitation plan and sustainability strategy for Edu4Standards																																					
T 4.5 Policy recommendations and Europ. standardisation education roadmap																																					M8

Milestones

- M1** EAB established
- M2** Teaching concept completed
- M3** Pilot design completed
- M4** 1st series of St.Days + 1st draft of Tool Kit completed
- M5** Pilots evaluated, recomb. f. further impl. formulated
- M6** CWA completed
- M7** St.Days completed, Student St. Association established
- M8** Policy recommendations completed



EDU4Standards Stakeholder Groups and Engagement

<p> SG#1 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>ENGAGE Identify needs and content. Validate & Uptake results and roadmap recommendations</p> <p>CHANNEL      </p>	<p> SG#2 Teachers & 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 & HSBooster Training Academies</p> <p>ENGAGE Identify needs and content. Pilot, validate & uptake of teaching concept and materials</p> <p>CHANNEL      </p>	<p> SG#3 Students & Students Association</p> <p>Students and groups where education can impact positively on learning and qualifications</p> <p>ENGAGE Recruit to EU Student Standardisation Association and pilot engagement</p> <p>CHANNEL     </p>
<p> SG#4 Standards Development Organisations</p> <p>EU (e.g. ETSI & CENELEC in addition to partner CEN,); International (e.g. ISO, IEC, ITU, IEEE, IETF, NIST, W3C, etc.); National Standardisation Bodies</p> <p>ENGAGE Identify needs. Specify teaching content. Contribute to Standards Days</p> <p>CHANNEL    </p>	<p> SG#5 Policy Makers</p> <p>European Commission: DG GROW, DG R&I, DG Connect & Multi-Stakeholder Platform, EC High-Level Forum</p> <p>ENGAGE EU Education on standardisation roadmap</p> <p>CHANNEL      </p>	<p> SG#6 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) & Consumers' Association of Ireland</p> <p>ENGAGE Understand impact of standardisation & education. Educate on standardisation roadmap</p> <p>CHANNEL   </p>
<p> SG#7 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>ENGAGE Participate at events, validate and use training material, create synergies</p> <p>CHANNEL   </p>	<p> SG#8 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>ENGAGE Identify needs. Introduce standardisation into training programmes</p> <p>CHANNEL      </p>	<p> SG#9 Citizens and citizen groups</p> <p>Citizens and citizen ICT & interest groups: Digital Citizenship Education, Digital SkillUp, ySKILLS, Digital skills and Jobs Coalition</p> <p>ENGAGE Understand importance of standardisation in education</p> <p>CHANNEL   </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

KPI description	KPI Target
<i>Newsletters, M18 (M36)</i>	15 (33)
<i>Webinars organised, M18 (M36)</i>	6 (12)
<i>Workshops organised, M18 (M36)</i>	7 (16)
<i>Webinar participants</i>	Min. 50 participants per webinar
<i>Pilot workshop participants</i>	Min. 50 participants per workshop
<i>Academic Standardisation Days</i>	Min. 100 participants per event
<i>Final Event participants</i>	Min. 100
<i>Number of validated/authenticated users engaged through the virtual and physical events (8 webinars + 4 workshops + 1 final event)</i>	700+
<i>SSA Members M18 (M36)</i>	50 (100)
<i>Policy briefs & roadmap produced</i>	3
<i>Segmented community database, M18 (M36)</i>	2,000 contacts (6,000 contacts)
<i>Social media content published</i>	Twitter & LinkedIn: min.8 posts per month;
<i>Social media followers, M18 (M38)</i>	Twitter: 500 (1000); LinkedIn 1,000 (2,000)
<i>Synergies created with initiatives by M18 (M36)</i>	5 (10+)
<i>Unique monthly web portal visitors, M18 (M36)</i>	1,500 (4,000)
<i>Videos Produced</i>	3 general, 7 topic-specific

- 🌐 Member of the EAG
- 🌐 Contribution to reach the impacts, higher visibility of EDU4Standards particularly in Austria
- 🌐 Contribution to reach KPIs,
 - 🌐 participation in webinars to represent stakeholders' perspectives and needs
 - 🌐 participation in events (HLF meeting in Delft in June, DIN conference in September 2024, etc.), and particularly the Academic Standards Days
 - 🌐 promotion via Social Media, e.g. LinkedIn group
 - 🌐 links to other relevant organisations, mainly universities
- 🌐 Further ideas?



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