

Project Title	ICT Standardisation Observatory and Support Facility in Europe
Project Acronym	StandICT.eu 2023
Grant Agreement No	951972
Instrument	Coordination and Support Action
Call	ICT-45-2020 Reinforcing European presence in international ICT standardisation: Standardisation Observatory and Support Facility
Start Date of Project	01.09.2020
Duration of Project	36 Months
Project Website	<a href="http://www.standict.eu">www.standict.eu</a>

## 4.3 INTERIM REPORT ON EDUCATION IN STANDARDISATION

Work Package	WP2, Interim Report on Education in Standardisation
Lead Author (Org)	Ray Walshe (DCU)
Reviewers (Org)	Francesco Osimanti (Trust-IT), Giulia Pastor(Australo)
Due Date	28.02.2022
Date	28.02.2022
Version	1.0

### Dissemination Level

- PU: Public  
 PP: Restricted to other programme participants (including the Commission)  
 RE: Restricted to a group specified by the consortium (including the Commission)  
 CO: Confidential, only for members of the consortium (including the Commission)



The work described in this document has been conducted within the project StandICT.eu 2023. This project has received funding from the European Union's Horizon 2020 (H2020) research and innovation programme under the Grant Agreement no 951972. This document does not represent the opinion of the European Union, and the European Union is not responsible for any use that might be made of its content.

### Versioning and contribution history

Version	Date	Author	Notes
0.1	25.01.2022	Ray Walshe (DCU)	Table of Contents,
0.2	14.02.2022	Ray Walshe (DCU)	Updated Table of Contents, Members, Draft Academy info
0.3	27.02.2022	Ray Walshe (DCU)	Final: Summary, Plan, completer first Draft
1.0	28.02.2022	Ray Walshe (DCU)	Reviewed comments

### Disclaimer

This document contains information which is proprietary to the StandICT.eu 2023 Consortium. Neither this document nor the information contained herein shall be used, duplicated or communicated by any means to a third party, in whole or parts, except with the prior consent of the StandICT.eu 2023 Consortium.

## Glossary

<b>EC</b>	European Commission
<b>SDO</b>	International Standardisation Organisation
<b>ESO</b>	European Standardisation Organisation
<b>NSB</b>	National Standardisation Body
<b>DMS</b>	Document Management System
<b>EAG</b>	External Advisory Group
<b>EPE</b>	External Pool of Evaluators
<b>IPR</b>	Intellectual Property Rights
<b>NGI</b>	Next Generation Internet
<b>PC</b>	Project Coordinator
<b>PMB</b>	Project Management Board
<b>TL</b>	Task Leader
<b>WP</b>	Work Package
<b>WPL</b>	Work Package Leader
<b>TRUST-IT</b>	Trust-IT Srl (Project Leader)
<b>DCU</b>	Dublin City University (Project Partner)
<b>AUS</b>	Australo Interinnov Marketing Lab SL (Project Partner)
<b>EUOS</b>	European Observatory for ICT Standardisation
<b>TWG</b>	Technical Working Group
<b>WG</b>	Working Group
<b>TC</b>	Technical Committee
<b>OC</b>	Open Call
<b>DMS</b>	Document Management System
<b>EAG</b>	External Advisory Group
<b>EPE</b>	External Pool of Evaluators
<b>IPR</b>	Intellectual Property Rights
<b>NGI</b>	Next Generation Internet
<b>PC</b>	Project Coordinator
<b>PMB</b>	Project Management Board
<b>TL</b>	Task Leader
<b>TRUST-IT</b>	Trust-IT Srl (Project Leader)
<b>WP</b>	Work Package
<b>WPL</b>	Work Package Leader
<b>DCU</b>	Dublin City University (Project Partner)
<b>AUS</b>	Australo Interinnov Marketing Lab SL

## Table of Contents

---

<b>1</b>	<b>EXECUTIVE SUMMARY .....</b>	<b>5</b>
<b>2</b>	<b>INTRODUCTION .....</b>	<b>5</b>
<b>3</b>	<b>EUOS ACADEMY MEMBERSHIP .....</b>	<b>6</b>
3.1	ACADEMY MEMBERS AND EXPERTISE .....	6
3.2	ACADEMIES EXPERT ECOSYSTEM (ORGANISATIONS).....	7
3.3	SCOPE AND TERMS OF REFERENCE .....	8
<b>4</b>	<b>EUOS ACADEMY PROCESS .....</b>	<b>8</b>
4.1	COMPETENCY MATRIX .....	8
4.2	DEFINITIONS .....	9
4.3	MAIN DELIVERABLE .....	10
4.4	MEETINGS.....	10
4.5	OUTCOMES/DELIVERABLES .....	10
<b>5</b>	<b>EUOS ACADEMY PORTAL.....</b>	<b>10</b>

## 1 Executive summary

---

The EUOS Academy is a stand-alone expert group of Education-about-Standardisation leaders. Unlike the EUOS Technical Working Groups which run for short sprints to deliver outcomes, the Academy runs for the duration of the project and is responsible for collecting, documenting, analysing and evaluating existing Standards Education material from ESOs and indeed any SDOs that create training collateral about standardisation. The dedicated EUOS Academy Website when completed will contain a collated and categorised list of standards training resources. The EUOS Academy experts will also create new content specifically targeted to different stakeholder groups.

## 2 Introduction

---

The Academy is one of the Technical Working Groups established under the StandICT.eu project. The aim of the group is to curate and make available in the StandICT Repository educational and training materials on the ICT standardization process, including existing training collateral from SDOs, SSOs and other relevant standards organizations. The geographical scope is worldwide and covers all organisation types – national, regional, global SDOs and consortia, fora, alliances. IT will not create new material. The EUOS Academy also plans to create from the curated material some education and training collateral that can be used for webinars, seminars, workshop and conference presentations aimed at educating policy makers, consumers, industry etc. The focus is on the "Why?" of Standards as well as the "How?".

The Chair of the EUOS Academy is Brian McAuliffe. He is the Director of Technology Standards at HP Inc. & ISO/IEC JTC 1 Liaison Officer to the European Commission. He is active in ISO/IEC JTC 1, the technical committee responsible for international standardisation in information technology, covering topics such as IoT, AI, Cybersecurity and 3D Printing. Brian also represent ISO on the EU's Multi-Stakeholder Platform on ICT standardisation.

Brian has overseen the management of the group, planning the activities, calling the meetings and leading the development of the EUOS Academy website development.

### 3 EUOS Academy Membership

The Academy works in Expert Group mode and is made up of 15 members, representing a broad cross section of the ICT standardisation landscape. It has representation from industry, academia, government, SDO's, societal orgs, and consortia. The current listing is copied below

#### 3.1 Academy Members and Expertise


Status	Name/Org	Expertise/Affiliation
Active	Brian McAuliffe (Chair)	Member of StandICT EAG; ISO/IEC JTC 1 Liaison Officer to EC
Active	Ray Walshe	Chair, StandICT EAG
Observing	Paul Killeen	Research & Innovation Leader, NSAI
Active	David Filip	ISO/IEC JTC 1 PAS Mentor and Systems Integration Facilitator
Observing	Chiara Giovannini	Deputy General Secretary, ANEC
Observing	Jan-Henrik Tiedemann	Head, IEC Academy & Capacity Building
Active	Cyrill Dirscherl	DG GROW, European Commission
Active	Ivana Mijatovic	Education Lead, EURAS
Active	Nikolaos Myriounis	Chair, NATO Standardization Management Group/Education Panel
Active	Martin Chapman	Director, Technology & Standards Policy, DigitalEurope
Active	Andriana Prentza	OASIS Open Europe
Active	Signe Annette Bøgh	Consultant, Danish Standards
Active	Natalia Giorgi	Standardisation Consultant, European Trade Union Confederation
Active	Pam Tarif	Head of Global Engagement, ECOS
Active	Amelie Leipprand	Senior Project Manager, Member Services & Young Professionals, DIN



### 3.2 Academies Expert Ecosystem (Organisations)



### 3.3 Scope and Terms of Reference



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

## Scope and Terms of Reference

**Scope**  
 Education on the **why** and the **how** of standards & standardization

**(Draft) Deliverables**

- Catalogued repository of educational material
- Standards/standardisation competency matrix
- Education pathways defined
- Certifications/badges

**Terms of reference**

- Institute an Expert Group for the term 2021 - 2023
  - You are here for your expertise*
- Curate and make available educational and training materials on the standardization process
  - Leverage existing material – not creating new*
- Consider all types of standards development organisations and methods
  - There is a role for all*
- Consider all stakeholder types
  - Policy makers, consumers, industry, academia*
- Recommend a set of deliverables and associated timelines
- Report progress to EAG on regular basis and present updates to StandICT workshops annually

**Mode of operation**

- Monthly meeting, email in between
- Relatively informal
- Contribution driven
- Regular check-ins with EAG and StandICT Management
- Nextcloud repository

14/04/2021    3

## 4 EUOS Academy Process

---

The meeting schedules are set by the Chair. The Chair of the EUOS Academy sets the rhythm and coordinates the plan of work.

### 4.1 Competency Matrix

The main deliverable now being worked on is a ‘competency matrix’ which will document, for a range of stakeholder types, the set of competences each should have to know enough about standards and standardisation appropriate to their respective roles. Then, for each competence, The EUOS Academy expert group will define a set of knowledge/skill/attributes required to be able to claim competence. The aim is then, once the matrix is complete across all stakeholder types, to map the material in the repository to the matrix.



### 4.1.1 Draft Competence Matrix

	Competence	Knowledge	Skill	Attribute
C1	Drafting company standards strategy			
C2	Understanding of relevant technology			
C3	Standards essential Patents			
C4	SDO IPR policies			
C5	The standards development process			
C6	Certification schemes			
C7	Open source and standards			
C8	Consortia v SDO			
C9	Regulations & standards			
C9	New Legislative Framework			
	.....			

## 4.2 Definitions

### 4.2.1 Competence

ability to apply knowledge, skills and attributes to achieve intended results

Note 1 to entry: “Competence” can also be referred to as “competency”.

[SOURCE: ISO 9000:2015, 3.10.4, modified — “attributes” and Note 1 to entry have been added.]

### 4.2.2 Knowledge

facts, information, truths, principles or understanding acquired through experience or education

[SOURCE: ISO/IEC TS 17027:2014, 2.56]

### 4.2.3 Skill

ability acquired through education, training, experience or other means to perform a task or activity with a specific intended outcome

[SOURCE: ISO/IEC TS 17027:2014, 2.74, modified — The wording in the definition has been reordered.]

### 4.2.4 Attribute

inherent characteristic of a person

EXAMPLE:

Visual acuity; sensitivity to others; openness.

[SOURCE: ISO/IEC TS 17027:2014, 2.10]

### 4.3 Main Deliverable

This work will result in an online portal that anybody can visit, select their stakeholder and role type, and then be presented with a set of materials that they can study. The EUOS Academy Portal is the "main objective" of the project and there are many ways it can be developed from there.

### 4.4 Meetings

10 Meetings to-date. Monthly sync-up with Academy Experts on Skills Matrix and Compilation of Training collateral.

### 4.5 Outcomes/Deliverables

- Collating existing training sources and developing targeted training modules on "Education about Standardization" for different stakeholder groups at introductory and expert level.
- Development of Training Material assessment criteria in the EUOS Academy
- Standards Education Training Skills Matrix

## 5 EUOS Academy Portal

**Holding Page:** <https://www.standict.eu/euos-academy#>

The screenshot shows the EUOS Academy Portal homepage. At the top left is the logo for 'EUOS Standards Academy powered by StandICT.eu'. A URL bar at the top center displays 'https://www.standict.eu/euos-academy#'. The main heading is 'Our selected starter packs'. Below this, a paragraph explains that the starter packs are for new users and are grouped by expertise level. Three boxes offer options for 'beginners', 'intermediate users', and 'advanced users'. On the right sidebar, 'The Academy chair' is identified as Brian McAuliffe, and 'Academy members' are listed as Ray Walshe and Martin Chapman. At the bottom, a call to action asks if the user is looking for a way to contribute to the Standards Academy, with a link to 'Learn More About Our EUOS Technical Working Groups (TWG)'.

The EUOS Academy portal search feature and filters will allow users to browse the training material catalogue, or alternatively users will directly select some pre-prepared "**Starter Packs**" and choose the most appropriate skill level material.

The "Starter Packs" will comprise of the selected training contents created by top trainers and are grouped to meet beginner, intermediate or advanced level needs based on users level of expertise.

*The EOUS Standards Academy is your go-to reference for all your training needs about ICT standards.*

*All the material provided here has been produced and selected by top-class researchers and trainers who work in the standardisation arena, as well as by standard-developing organizations (SDOs) and targeted EC Training Programmes delivered on ICT Standardisation.*

*You can use the search feature and the filters below to browse the training material catalogue, or, if it's your first time here and you need guidance, you can jump directly to our selected [Starter Packs](#) and choose the most suitable one for your skills*