



ICT standardisation initiatives related to innovation, SMEs and education

Growing your business with innovation management standards

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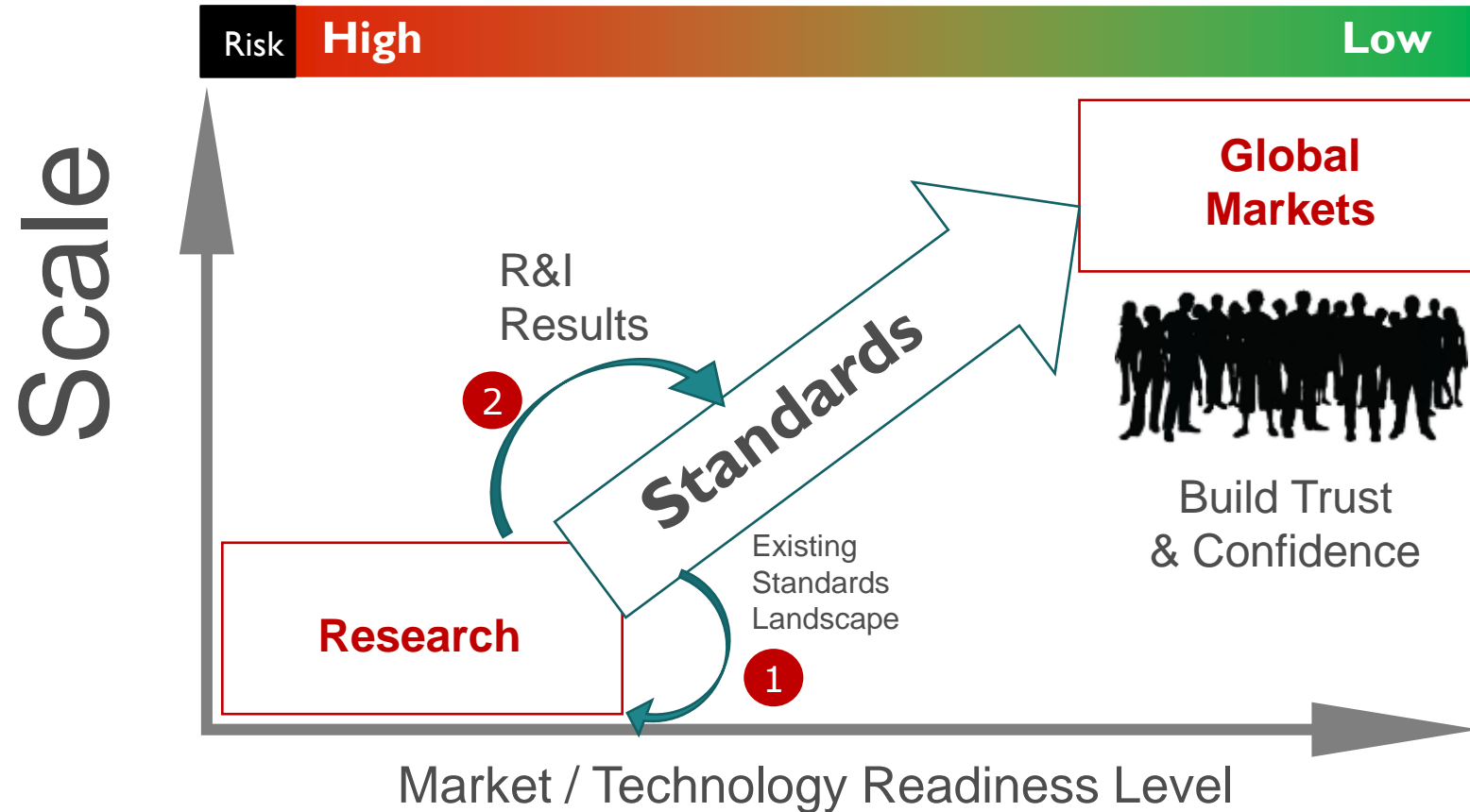
DG CONNECT.D3

Research & Innovation

Ensure that excellent R&I done in the EU ends-up in standards, promoting market uptake and enabling global EU technological leadership

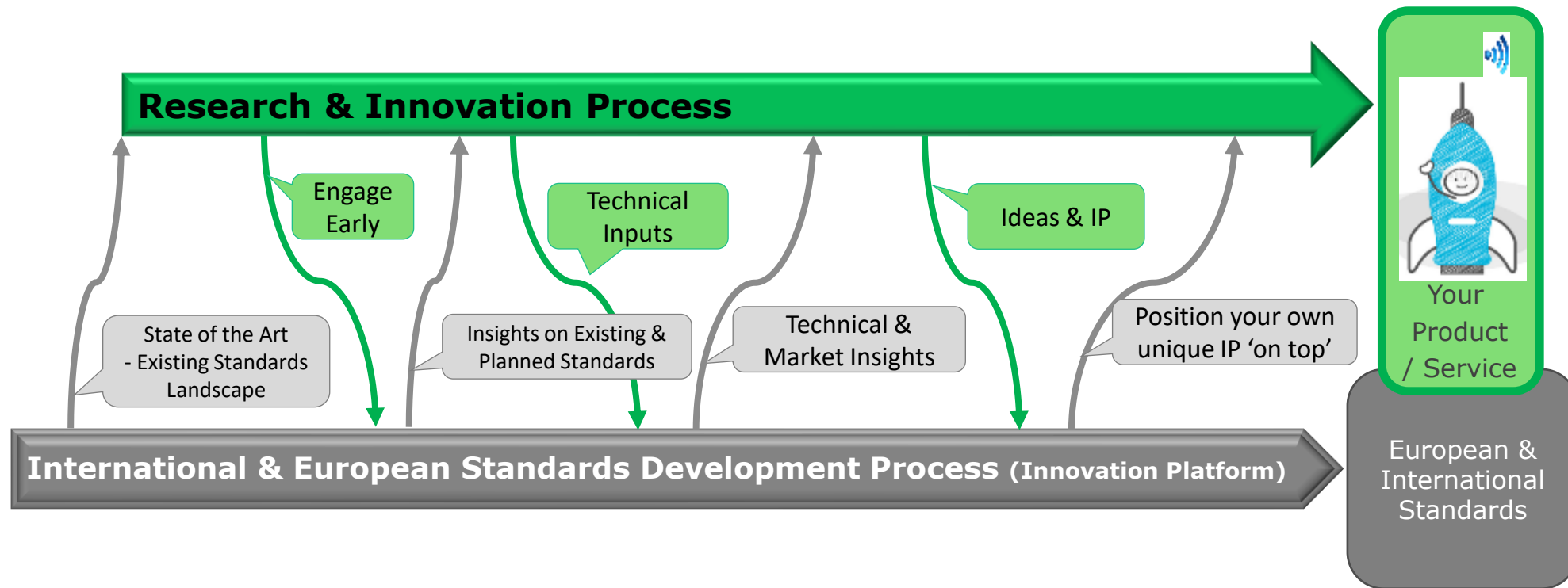
Why Integrate Standards, Research & Innovation

Bridge the Innovation Gap for Impact at Global Scale



Standards De-risk & Accelerate Technology-Product-Service Development, Adoption & Scaling

Strategic Engagement in Standards Development - How



Policy Context

- Code of practice on standardisation

Implementing action of the **EU Standardisation Strategy**
& **ERA Knowledge Valorisation** guiding principles

Supporting our stakeholders to **valorise their R&I results through standardisation** by

- Contributing to the synchronisation and **systemic integration** of R&I and standardisation
- By providing **guidance** to researchers and innovators
- Based on a **scoping study** based on **comprehensive survey** with the involvement of 2,200 Horizon 2020 projects. 46% survey response rate

Recommendations

- Code of practice on Standardisation

Based on the lessons learnt and success factors from examples of Horizon 2020 projects

Higher education
institutions and
research & innovation
organisations

Project partners

Policy and
stakeholders

Inclusiveness – all types of projects with a wide range of TRLs

SMEs

SMEs, main driver of innovation, need to be more involved in the development & use of standards

Barriers for SMEs' participation in standardisation

- **Lack of awareness** of existing & future standards relevant to their business
 - **Perception** that standards are more relevant to large business
 - **Lack of resources** (human/technical and financial) to both develop and make use of standards
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- As a result, participation by SMEs in the standardisation process (accessing information, participating in committees, implementing and using standards) is typically low, relative to their importance within the economy
 - Risk that standards do not fully take account of the needs or interests of SMEs. This can further exacerbate the issue of relatively few SMEs using and effectively implementing standards.

EU support for SMEs in standardisation

- **SMEs are privileged partners in the EU funded R&I Framework Programmes.** Through EU funded R&I projects and pilots within Horizon Europe, DEP and CEF we support the contribution of organisations, including SMEs, to standardisation



- **Funding of associations that represent the interests of SMEs in European standardisation, like SBS & Digital SME Alliance (both of whom join us here today)**



- The EC also funds the participation of EU experts, in particular SMEs, in international ICT standardisation through the [StandICT.eu](https://standict.eu) initiative.

Support EU experts participation in international standardisation “StandICT.eu Fellowship Programme”



standICT.eu 2026

The StandICT.eu 2026 consortium partners

 <p>DCU Digital Communications University</p> <ul style="list-style-type: none"> • Financial Coordinator • EUOS Observatory • TWGs & EAG Management 	 <p>Trust-IT Services communicating to markets</p> <ul style="list-style-type: none"> • Technical Coordinator • Dissemination & Communication 	 <p>COMMpla Communication Platforms and Online Solutions</p> <ul style="list-style-type: none"> • LTP of Trust-IT • Platform Manager 	 <p>ofe OpenForum Europe</p> <ul style="list-style-type: none"> • Stakeholder engagement • Policy & Open Standards 	 <p>European Digital SME Alliance</p> <ul style="list-style-type: none"> • Engagement & Synergies • Tools and guides for SMEs 	 <p>AUS TRAIL</p> <ul style="list-style-type: none"> • Fellowship Programme monitoring & impact reports 	 <p>Fraunhofer</p> <ul style="list-style-type: none"> • Standards Academy Programme
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*Fellowship Programme with € 2,925,000 funding earmarked over 36 months with **9 Open Calls***

Eligible costs:

- *Personal Working Effort (this cannot exceed the EU maximum daily rate of 450 Euro)*
 - *Travel*
- *Event registration fee(s)*
- *Membership fee(s) for SDO & SSO organisations*

Proposal type	Description	Contract duration	Funding range
LT – Long term contributions (with travel option)	Contribution to ongoing standards development as a chair, convener, rapporteur or member of an SDO WG. E.g. comments on standards development and drafts, attending meetings also as an observer, paying membership fees.	Max 6 months	Up to €10,000
ST – Short-Term contributions (with travel option)	Contribution to standards documentation e.g. liaison to WG, comments on standards drafts, participation at meeting paying membership fees,	Max 3 months	Up to €5,000
OS – One-Shot contributions	Support to ensure participation at workshop or event (e.g., participant, observer, presentation).	Max 3 months	Up to €3,000

*The list of eligible ICT topics is taken from the **Rolling Plan of the Multi-Stakeholder Platform for ICT Standardisation** plus other insights we receive from our **External Advisory Group***

standICT.eu2026
ICT Standardisation Observatory and Support Facility in Europe

Obtain Financial Support for your activities on **ICT Standards**

Submit your proposal to our

1st Open Call

Opens: 9th May 2023

APPLY NOW

How are ICT Standards contributing to society? SME Guides

MoU with SBS

IMPACT: Raising SMEs awareness on ICT Standards for the protection of digital assets and privacy



[Download](#)

MoU with SBS

IMPACT: Raising SMEs awareness on blockchain standardisation for sustainability



[Download](#)

US-EU TTC Joint Statement on standardisation - SMEs

The USA and the EU should work together to:

- By the end of 2023, develop joint EU-U.S. **policy recommendations addressing the role, access to and participation of SMEs in international standardisation** activities thanks to feedback collected from SMEs through dedicated consultations.
- Exchange **best practices on how to educate and train technical experts in standards development**, especially with a view to the new skillsets required for critical and emerging technologies.

https://ec.europa.eu/commission/presscorner/detail/en/statement_23_2992

Education

Ensuring future standardisation expertise

The **Standards Academy** serves as a knowledge-hub on key factors of the Standardisation ecosystem, the functioning of the Standards development process, and its economic and societal benefits <https://www.standict.eu/euos-academy>
Tailored StartPacks for Beginner, Intermediate and Advanced users



Training the Next Generation of ICT Standards Experts

The EUOS 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 standardization arena, as well as by standard-developing organizations (SDOs) and targeted EC Training Programmes delivered on ICT Standardization.

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.

First time here? Take a look at our starter packs

For Beginners →

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Need More And Find Out Which Pack Mostly Suits Your Needs →

Browse the training catalogue and find the resources for your needs

**A new feature
“Recommended
knowledge” has been
implemented to enable the
EUOS Academy members
to categorise the type of
each resource**

Recommend knowledge *

- Knowledge of conformity assessment (testing, inspection and certification)
- Knowledge of drafting rules for company standards
- Knowledge of existing standards/technical regulations in a specified sector
- Knowledge of external standards related to products and technology
- Knowledge of international standardization activities and related organizations
- Knowledge of methodologies for performance management

Necessary knowledge and skills in the field of standardization

– National, European and International Std. Committee Landscape

– Standardization and Legislation

– Micro- and macro-economic benefits of standards

– Standards and Patents

– Standardization process including rights and obligations in committees

– Strategic aspects of a participation in standardization

– Ability to write a standard

– Standard implementation

– Standard, conformity assessment and certification

Standards Academy Programme

- Improve the expertise and skills, and knowledge in standardisation strategy and uptake of European experts of EU organisations involved in international ICT standardisation;
- Develop target group-specific training material, modules and SME mentorship programme;
- Perform large-scale training through workshops for different levels of standardisation skills.

Screening existing teaching material related to standardisation from different sources/organisations

Development of webinars for beginners, intermediate and advanced users in the format of 3 sessions à 2 hours

One specific session about the Standards Academy at the EURAS 2023 in Aachen between 28th and 30th of June to collect feedback

StandICT.eu Events/Webinars Future Standardisation Education - Reflections and Recommendations

On 18th January 2023, StandICT.eu 2023 in collaboration with the European Commission, organised a Workshop on “Future Standardisation Education” covering the principal results and impacts of StandICT.eu 2023. *The report can be downloaded here:*
<https://doi.org/10.5281/zenodo.7561753>



The poster for the StandICT.eu EUOS Standards Academy event features a dark blue background with a white globe icon. The text reads "StandICT.eu 2026" vertically on the left, "StandICT.eu EUOS Standards Academy: Towards the future of education on standardisation" in the center, and the "EUOS Standards Academy" logo on the right. A yellow "Register here" button is prominent. Below, a "SPEAKERS" section lists four individuals with their photos and titles: Silvana Muscella (Trust-IT Services CEO & StandICT.eu Coordinator), Carlos López Rodríguez (Policy Officer at European Commission DG CONNECT on ICT Standardisation), Brian McAuliffe (Chair of the EUOS Standards Academy in StandICT.eu 2023 & Director of Technology Standards at HP), and Ivana Mijatovic (Chair of the EUOS Standards Academy in StandICT.eu 2026 & Full Professor at the University of Belgrade). Knut Blind (Professor at TU Berlin, Fraunhofer ISI & Chair of CEN/CLC STAIR WG) is also listed. The event date and time are "13 June 2023, 15.00 – 16.00 CEST". At the bottom, there are social media links for the website (standict.eu), Twitter (@Stand ICT), and LinkedIn (linkedin.com/in/standict), along with the European Commission and European Union logos.

Thank you

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