STAND4EU
Boosting the Exploitation of Standardisation Inputs from European Projects

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Press Release

STAND4EU is a European Project that aims to strengthen the links between research, innovation and standardisation ensuring that standardisation is an integral part of the European research and innovation landscape. STAND4EU will map and identify key stakeholders and actors involved in standardisation activities at national, regional (EU) and international level to allow a proper identification of the obstacles hampering the standardisation efforts within the scope of 4 main technological domains: Additive Manufacturing, Welding, Smart manufacturing/Industry 4.0/Digitalization/ Artificial Intelligence & Circular Economy.

The key bottlenecks in the standards development lifecycle will be identified and to overcome the obstacles on the standards setting process a plan will be develop with recommendations and solutions to make the standards development process more efficient between the stakeholders from research, innovation and standardisation. A STAND4EU interface will be created to facilitate the collection and the sharing of information about the obstacles and associated remedies and best practices towards the industrial and research & innovation community, the standards developing organisations, the public authorities and other relevant stakeholders. This will include pointers to available supporting services, networking services, herewith acting as a one-stop-shop for all related standardisation research and innovation matters.

All the proposed solutions will be validated with the relevant actors and stakeholders to transfer the methodology to a broader scale of application in other respective areas to reach sustainable development of developed methodological approach and exploit the STAND4EU Interface globally.

The project is structured into 4 phases, showcasing the overall objectives and motivation:

PHASE I

Identify and create awareness about the obstacles preventing:

– the implementation of standards in research and innovation projects.
– the contribution to standardisation by research & innovation projects and the involved researchers.

PHASE II

Develop and validate remedies to these obstacles, including:

proposing solutions and approaches to foster standardisation as a means of knowledge valorisation.
– identifying new, more agile approaches, for the standard setting process (SSP)
– ensuring that the implementation of standards and standardisation is a key enabler within the European research and innovation landscape

PHASE III

Establish the STAND4U interface that will be an integrated information collection, sharing and communication platform to the different stakeholders in research & innovation as well as standardisation actors.

PHASE IV

Sustainability & Transferability. This phase will generate a realistic plan for sustaining the developed mechanisms beyond the duration of the STAND4EU project and to transfer the methodologies developed to other areas.

The STAND4EU project will strive for the following outcomes:

- STAND4EU interface
- Identification of needs and requirements of stakeholders and actors involved in the standardisation process
- Obstacles hampering standardisation efforts identified
- Remedies, Actions and Recommendations
- Validation Workshops & Events
- External Coaching Programme
- Training delivery between R&D and standardisation

Project partners

This two-year project brings together a total of six partners from four countries – Germany, Belgium, Sweden and United Kingdom.

STAND4EU consortium is actively engaged with standardisation entities at different levels (national, European and international) in several Technical Committees, with different roles that may range from Liasion Organisation, Convenor, Chair, Committee Member, Observing Member, Liasion Officer and Contributor. This diversity of roles showcases the experience of the partners in the standardisation activities, including the standards setting process.

Consortium members include:

Belgium: EWF - European Federation for Welding, Joining and Cutting (www.ewf.be); SBS - Small Business Standards (www.sbs-sme.eu)
Germany: SIEMENS AG (www.siemens.com); Fraunhofer IGCV (www.igcv.fraunhofer.de) and Fraunhofer IPA (www.ipa.fraunhofer.de)
United Kingdom: BUL - Brunel University London (www.brunel.ac.uk)
Sweden: Chalmers University (www.chalmers.se)

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