Assessment of Standardisation Needs and Ways to Overcome Regulatory Bottlenecks in the Process Industry

Project:
Harmonised assessment of regulatory bottlenecks and standardisation needs for the process industry

HARMONI aims at bringing together all the relevant stakeholders of the process industry to **jointly identify, analyse and propose solutions to the regulatory bottlenecks and standardisation needs** that hamper their innovation processes and the market uptake of their results, necessary to move towards a more sustainable and competitive European process industry.

In order to achieve HARMONI's overarching goal, the consortium will develop and apply a **methodology for ensuring an effective collaboration of the 8 sectors involved in SPIRE PPP** to elaborate the solutions to the common challenges they face due to non-technological barriers, such as regulatory issues or the lack of European Standards when trying to improve their resource efficiency.

In addition, HARMONI will analyse, compare and propose recommendations to trigger the transferability of technical solutions among and beyond the SPIRE sectors.

The project activities will result in an optimized EU regulatory and standardisation framework that facilitates and supports innovation in the process industry; a better participation of the SPIRE community in the EU regulatory and procedures, thus providing the most adequate input to the regulatory authorities; an earlier and more active involvement of the SPIRE community in the EU standardisation process; and an overall better environment to maximize transferability rates of technologies across SPIRE sectors.

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Sector:

Cement

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Ceramics

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Chemicals

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Engineering

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Minerals

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Non-ferrous metails

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Steel

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Water

Summary:

HARMONI aims at bringing together all the relevant stakeholders of the process industry to jointly identify, analyse and propose solutions to the regulatory bottlenecks and standardization needs that hamper their innovation processes and the market uptake of their results, necessary to move towards a more sustainable and competitive European process industry. In order to achieve HARMONI's overarching goal, the consortium will develop and apply a methodology for ensuring an effective collaboration of the 8 sectors involved in SPIRE PPP to elaborate the solutions to the common challenges they face due to non-technological barriers, such as regulatory issues or the lack of European Standards when trying to improve their resource efficiency. In addition, HARMONI will analyse, compare and propose recommendations to trigger the transferability of technical solutions among and beyond the SPIRE sectors. The methodology will include the utilisation of the existing SPIRE Knowledge platform and the creation of another platform to be linked with CEN/CENELEC STAIR WG for the coordination of the project's standardization activities. The project activities will result in an optimized EU regulatory and standardization framework that facilitates and supports innovation in the process industry; a better participation of the SPIRE community in the EU regulatory and procedures, thus providing the most adequate input to the regulatory authorities; an earlier and more active involvement of the SPIRE community in the EU standardization process; and an overall better environment to maximize transferability rates of technologies across SPIRE sectors. HARMONI consortium includes 3 SPIRE sectorial associations (chemicals, cement and equipment), A.SPIRE, 2 RTDs coming from two SPIRE sectors (steel,

ceramic), 1 National Standardization body (DIN) and an experienced RTO to coordinate them (CIRCE). In addition, an Advisory Board will involve the other 5 SPIRE sectorial associations and CEN/CENELEC.

Theme:
Standardisation and regulatory bottlenecks - SPIRE12-2017
Keywords:
standardization, regulatory, technology, technologies, barriers, bottlenecks
Type:
Case study
Other
Document
Poster
Rights:

Open Access

Resources

Link:
D2.1 R Bottlenecks and S Needs by EU Projects
D2.2 R and S Needs Identified by the SPIRE Sectors
D2.3 HARMONI Priorities
D3.1 Participation Experience in EU Legislative Process
D3.2 Recommendations to Overcome Current Regulatory Barriers to Innovation in the Process Industry
D4.1 Participation Experience in European Standardization
D5.2 List of Areas with High Transferability Potential
D4.3 Actions to Address Current Standardization Needs in the Process Industries
D5.1 Description of the Main Barriers to Cross-Sectorial Solutions Transfer
HARMONI Project Website
HARMONI Newsletters
HARMONI Poster
HARMONI Leaflet
HARMONI Poster 2
HARMONI Catalogue
HARMONI Final Booklet
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