Synchronisation Model for Standardisation Activities
in support of Joint MSP/DEI Working Group

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Synchronisation of Activities

Synchronisation Model

Strategy
- Strategic planning & Recommendations
- International Cooperation
- SME integration
- Requirements Analysis

Digital Transformation

Standardisation
- Synchronisation of national and international standardisation activities
- Initiation of cross sectoral Standards

Research, Piloting, Testing
- Identifying new research topics
- Practical testing and validation of concepts
- Validated return of results into standardization
- Reliability Testing
Aims

Develop a model for synchronisation of the various standardisation activities, at the Member State and European Levels, and in a global context

• Foster cooperation and stimulate synchronisation
• Promote reuse of existing solutions
• Avoid double work and reduce fragmentation
• Increase transparency and visibility of ongoing activities and timelines
• Reduce perceived complexity
• Foster resolution of standardisation gaps
• Avoid “development of own standards”
Stakeholders

- National initiatives on smart manufacturing
- European PPPs and large scale pilots
- Test beds
- Research in academia, industry, EU co-funded activities
- Standardisation Bodies
- Consortia and Alliances (industrial)
- Open source communities
- Industry, including SMEs, start-ups and consulting companies
- Societal stakeholders
- Policy makers and regulators
Pragmatic

• Low cost to maintain platform and for participants to engage
• Build suitable basis for sustained work
• Integrate existing activities, initiatives and concepts – don’t establish a totally new system
• Provide easy means for participants to connect and contribute
• Provide high transparency of work contents and timetables
• Ensure extensive outreach to wider community
Networking Platform

• What is it?
  • Informal entity supporting cooperation between existing platforms
  • Representation from all stakeholder groups
  • Minimal governance structure to promote agile and smooth interaction between members
  • Provide working formats to facilitate and advance the promotion of standards for digital manufacturing, driven by strategic requirements and results from research, pilots and testbeds
  • Tailor rule set to stimulate active, open and fair cooperation of stakeholder groups
  • Adequately funded for sustained operation

• What does it do?
  • Make proposals on standardisation gaps and other related standardisation issues
  • Make proposals on organisational and structural changes
  • Aggregate inputs and documents
  • Stimulate interaction between R&I, testbeds, innovation hubs and standardisation
  • Identify research and innovation needs
How Synchronisation Platform Might Work

EC Standardisation Synchronisation Platform
Secretariat 2-3 Staff
Rotating Leadership
Mandate and Funding
Link to MSP

Added Value to Existing Activities
Visibility, Outreach, Stimulate Interaction

Annual Meeting
Monthly Webex

CREATE-IoT
Productive 4.0
BOOST 4.0
EFFRA
Trilateral Cooperation
Plattform Industrie 4.0
AIOTI
BDVA
OpenForum Europe

Visibility, Exchange
Map of Stakeholders Objectives Areas
Groups to Address Hot Topics
Web Portal Information Repository
List of Research Activities

Promotion of new SDO standards to projects
New standards development promoted to SDOs
Concluding Remarks

• Benefits for you
  • Visibility of what is going on and timescales
  • Connection to ecosystem
  • Promotion of developing standards
  • Influencing standards

• Looking for:
  • Interest in participation from SDOs and Projects
  • Contributions in terms of inputs and outreach
  • Ideas for standards that can be trialled

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