

Synchronisation Model for Standardisation Activities

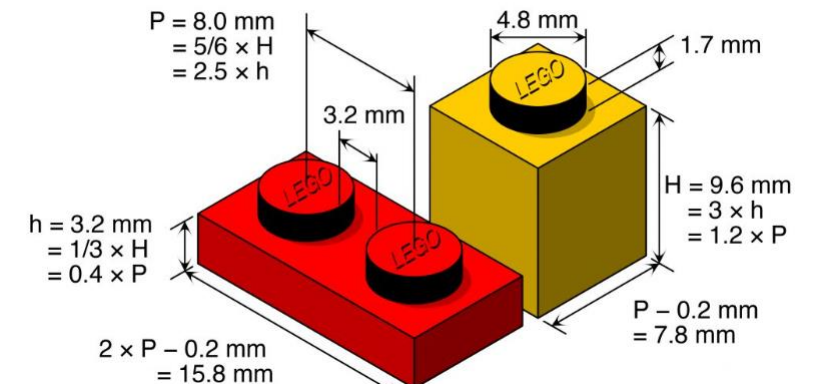
in support of Joint MSP/DEI Working Group



Haydn Thompson

THHINK

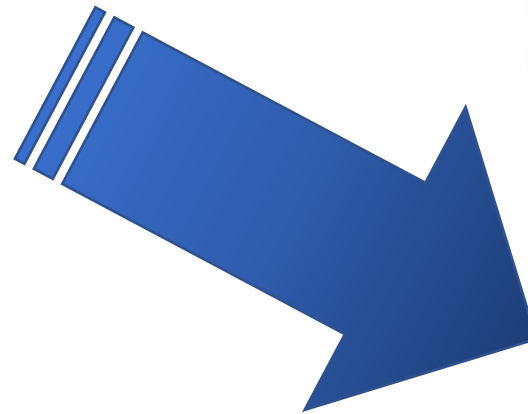
Haydn.Thompson@ththink.com



Synchronisation of Activities



Synchronisation Model



Strategy

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

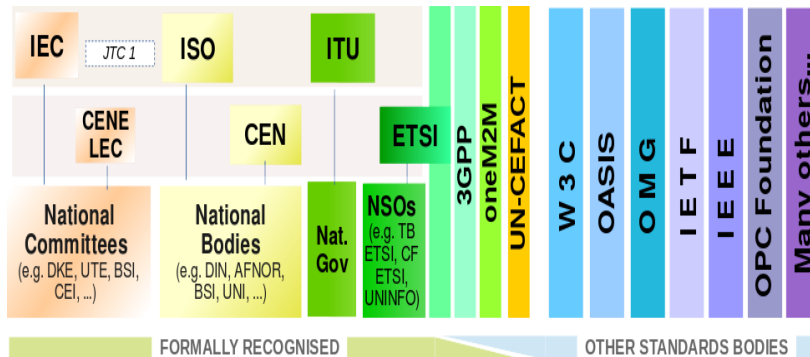
Digital Transformation

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

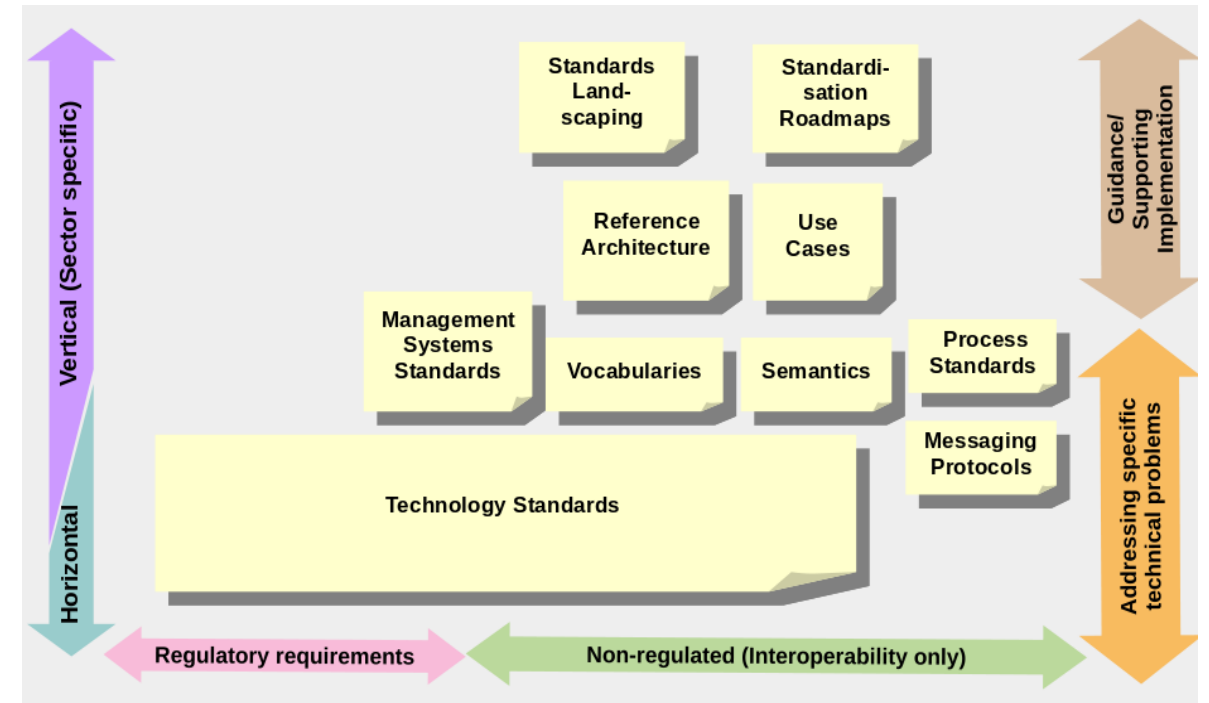
Develop a model for synchronisation of the various standardisation activities, at the Member State and European Levels, and in a global context

- 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”

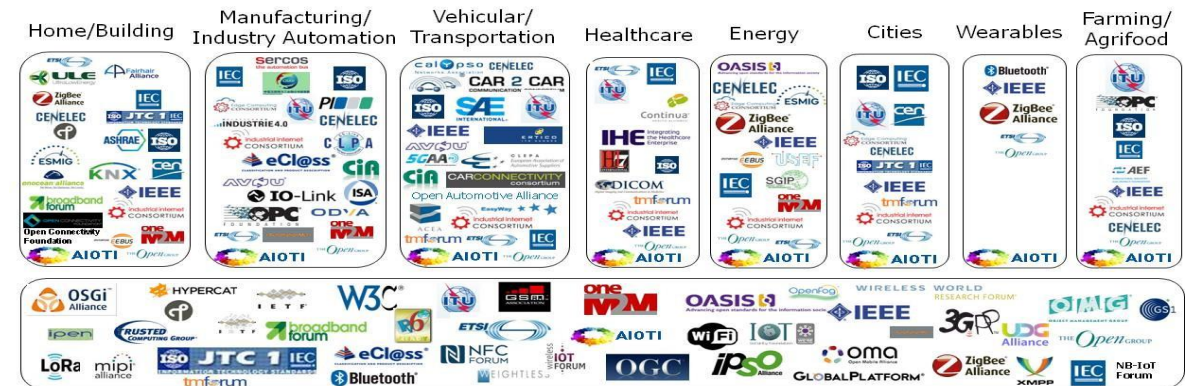


Stakeholders

- 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



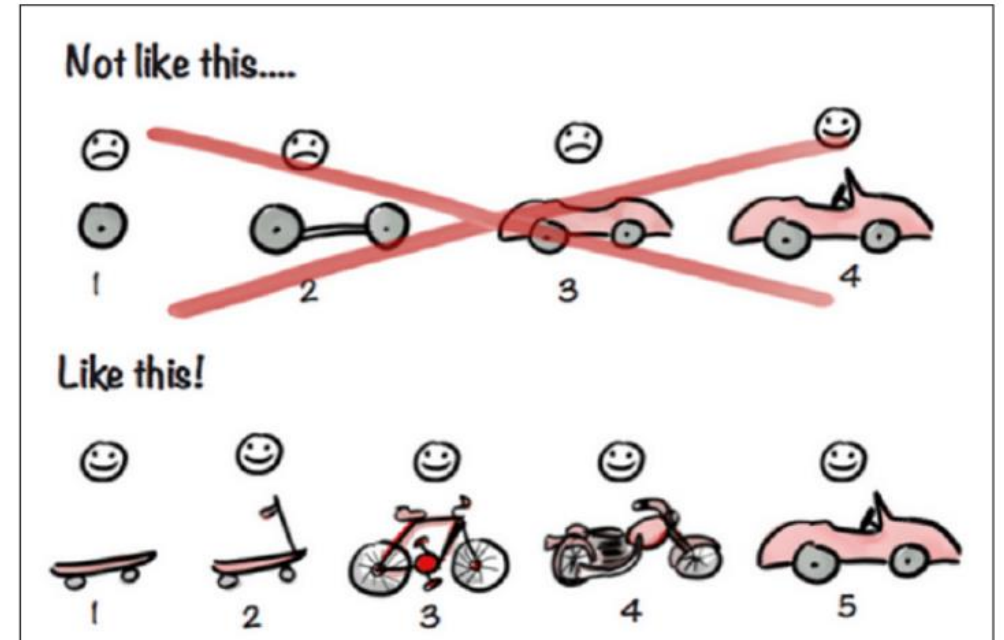
**IoT SDOs and Alliances Landscape
(Vertical and Horizontal Domains)**



Source: AIOTI WG3 (IoT Standardisation) – Release 2.8

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

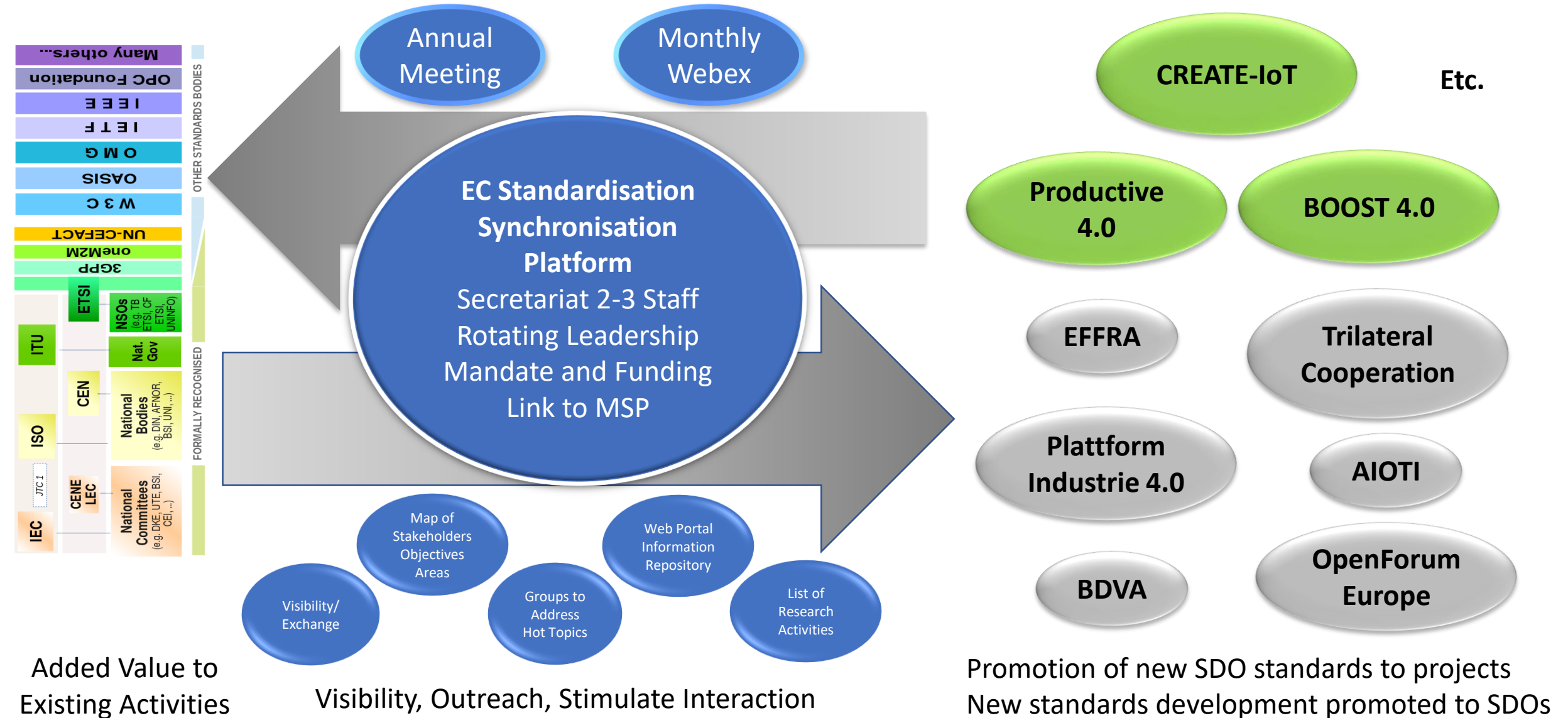


Networking Platform

- 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



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

Contact

- Haydn.Thompson@ththink.com

