



Overview on the Workshop

"Platforms for Connected Factories of the Future"

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- The workshop "Platforms for Connected Factories of the Future" took place 5 – 6 October 2015 in Brussels.
- It aimed to exchange views on platform building in the context of Digitising European Industry.
- First day: overview on existing activities
 - in academia (Virtual Fort Knox, BEinCPPS, RAMI, Industrial Data Space, Logistics, IIRA, CyProS, AIOTI, Arrowhead, Vanguard)
 - in industry (Atos, Dassault Systemes, IBM, SAP, Siemens)
- Second day: guiding questions, exchange of views in 3 breakout sessions

➤ What is a platform?

Platforms are reference architectures/implementations in combination with appropriate ecosystems. They bring several market actors together.

➤ How to build a platform?

different strengths - different approaches

- EU: Bringing engineering excellence to the digital world
- US: Bringing digital innovation to the physical world
- The European approach should be to build on what is there and not to start from scratch.

- How to build a platform?
 - Collaboration in the platform. Competition in the products and services based on the platform.

- What is needed?
 - Holistic approaches along the entire value chain (SME and large enterprises).
 - It will be essential to bring together manufacturers, manufacturing equipment suppliers and IT companies.
 - Users should be the driving actors in platform building.

- What is the role of the EU?
 - Europe's role is to make sure that platforms development is not done in silos but that critical scale is reached through pan-European collaborations.
 - Establish European approach building on national/regional networks and activities
 - Development of reference implementations, test-beds, demonstrators, validations and ecosystem building
 - Education and training of the existing workforce on emerging platforms.
 - Authorities should audit the trustworthiness and privacy of data.



European
Commission

Thank you!

http://ec.europa.eu/information_society/newsroom/image/document/2015-48/workshop_report_platforms_oct15_finaldocx_12361.pdf