

22nd August 2014, Birmingham (UK): PATHFINDER Vision on role Simulation and Forecasting Technologies, A three layer approach

With the PATHFINDER mission in mind being:

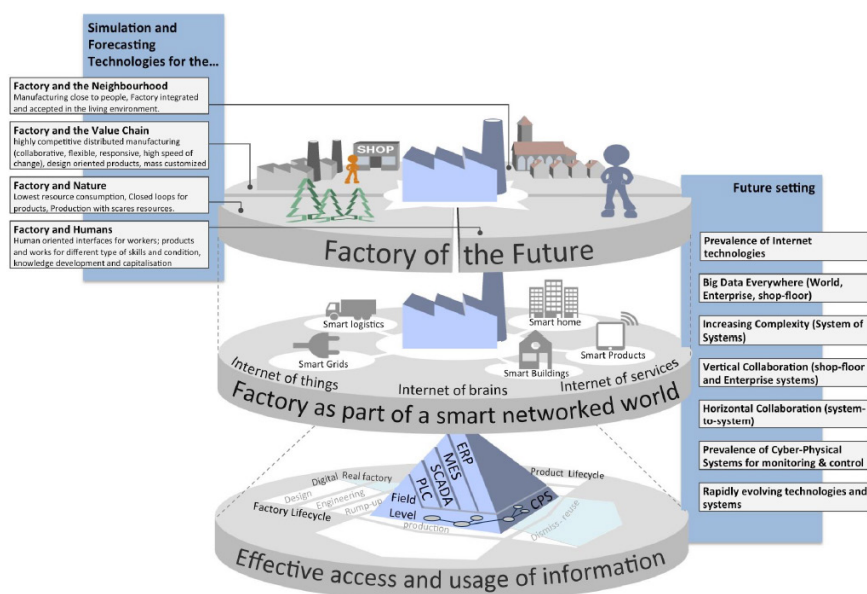
"To increase knowledge and awareness of, and determine the future use and impact of simulation and forecasting technologies in manufacturing"

the partners in the PATHFINDER consortium are working towards meeting three objectives:

1. To deliver a roadmap pointing out research priorities leading to the next generation simulation and forecasting technologies.
2. To inform the manufacturing industry on state of the art simulation and forecasting technologies.
3. To favour the creation of a network of experts.

As part of meeting the first objective, at first the vision towards the role of simulation and forecasting technology has been developed. As stated, PATHFINDER specifically focuses on the role of Simulation and Forecasting Technologies and does not propose a new vision for manufacturing as a whole. PATHFINDER thus embraces the current efforts achieved by accredited industrial, institutional and academic groups, in the definition of a Manufacturing Vision for 2020. The roadmap proposes a three layer vision on SF&T that is progressively more detailed and takes up the efforts made by the aforementioned stakeholders. A document describing this vision is available on the PATHFINDER website in the [Results](#) section. The document contains interesting information and details on all three aforementioned layers:

- Layer 1: Factory of the Future
- Layer 2: Factory as part of a smart networked world
- Layer 3: Effective access and usage of information



Based upon this vision and taking into consideration regional innovation and road mapping activities (see also [Results](#)) the PATHFINDER consortium is currently defining the actual roadmap with support from the PATHFINDER advisory board consisting of all relevant stakeholders.

Acknowledgements:

The PATHFINDER project is co-funded by the European Commission under FP7-2013-NMP-ICT-FOF as part of the European Economic Recovery Plan (EERP) adopted in 2008. The EERP proposes the launch of Public-Private Partnerships (PPP) in three sectors, one of them being Factories of the Future (FoF). Factories of the Future is a EUR 1.2 billion program in which the European Commission and industry are collaborating in research to support the development and innovation of new enabling technologies for the EU manufacturing sector.

For further information please visit:

http://ec.europa.eu/research/industrial_technologies/factories-of-the-future_en.html

Interested? Get involved!

Join us in sharpening the roadmap and become a member of the PATHFINDER Advisory Board.

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