Creation of a community for smart components

Tanja Meyer[1], Roland Wertz[1], Co-FACTOR Consortium[2]

[1]Fraunhofer Institute for Manufacturing Engineering and Automation IPA, Stuttgart, Germany

[2] www.cofactor-eu-project.org

e-mail: tanja.meyer@ipa.fraunhofer.de

This poster presents some activities serving the need to build up a common initiative within the field of key enabling technologies, and as such under the frame of nanotechnologies as well, to speed up the industrial up-take of results of Factories of the Future projects. The activities are driven by the need to bring together all those key players who feel that they are part of a "smart components" community. This initiative is going to be implemented through the support of a European funded project which is the first kind of this art within this field of application.

Co-FACTOR is a new action supported by the European commission under its Research & Innovation Programme Horizon 2020 and proposes a set of measures spanning from technology assessment, match making among providers and end-user, propelling last-mile exploitation efforts by innovation management and funding outlook, expert workshops, link to research community and roadmapping to outline future R&D&I needs. In this way Co-FACTOR pursues the 5 major ambitions: (i)Cooperate: establish close partnership among the core cluster to give better visibility to those high-level performing projects among industry, scientific community and policy makers. (ii) Converge: leverage the impact of the projects by focusing on the cross-cutting issue „smart components"and assessing reliable and interoperable solutions and standardization opportunities. (iii) Connect: facilitate the immediate or short-term exploitation of project results in industrial settings creating a win-win-situation for the technology „push" and „pull" site. (iv) Communicate: present & promote as a cluster approaches and achievements among the full range of potential stakeholders as well as public groups and students; stimulate coherence among "smart components players". (v) Consolidate: analyse remaining bottlenecks for „smart components technology"deployment to formulate thoughtful recommendations for future actions and political framework programs.

References

1. www.cofactor-eu-project.org