

'Factories of the Future – Making Innovation Happen'

An event on successful industrial exploitation of FoF project results

1 December 2016, Brussels, Diamant Building, Avenue Auguste Reyers 80

Organised by EFFRA through the FoF-Impact Coordination Action in cooperation with the Co-FACTOR, EFFECTIVE, FOCUS and FOFAM Coordination Actions

Five Coordination and support actions running in parallel

In 2015 and 2016, five coordination actions initiated through the FoF-07-2014 call topic are working to support the enhancement of the impact of the 'Factories of the Future' partnership. These projects are:

- **FoF-Impact** - Enhanced impact of the Factories of the Future PPP through technology transfer and expanded community
- **Co-FACTOR** - Cooperate, communicate and connect to boost smart components for tomorrow's industry.
- **EFFECTIVE** - Exploiting Factory of the Future projects through enhanced clustering towards technology transfer, innovation and value creation for European industry.
- **FoFAM** - Industrial and regional valorisation of FoF additive manufacturing projects.
- **FOCUS** - Factory of the Future clusters.

Aim of the event and approach

In brief, four main aims:

- Show the tangible outcome of the FoF-7-2014 CSAs, in particular, in terms of services that stimulate industrial exploitation
- Promote services offered by other service providers
- Indicate how project consortia can address 'impact success factors' in the earliest stages of a project, not the least during the project proposal preparation phase
- Promote exploitable results

As such the event is a service to anybody who is involved or interested in engaging in collaborative projects on manufacturing in a European context, as well as to those that want to 'connect' to the active FoF community to transfer technologies and approaches to their own context.

The exhibition areas (as indicated in the framework agenda below) would be composed of small 'booths' consisting of roll-ups, a standing table and when required also with an LCD screen.

A clear schedule of the presentations and contact details would be available before the event, such that the participants can anticipate which session they would like to see and get in touch with other participants in between.

Agenda

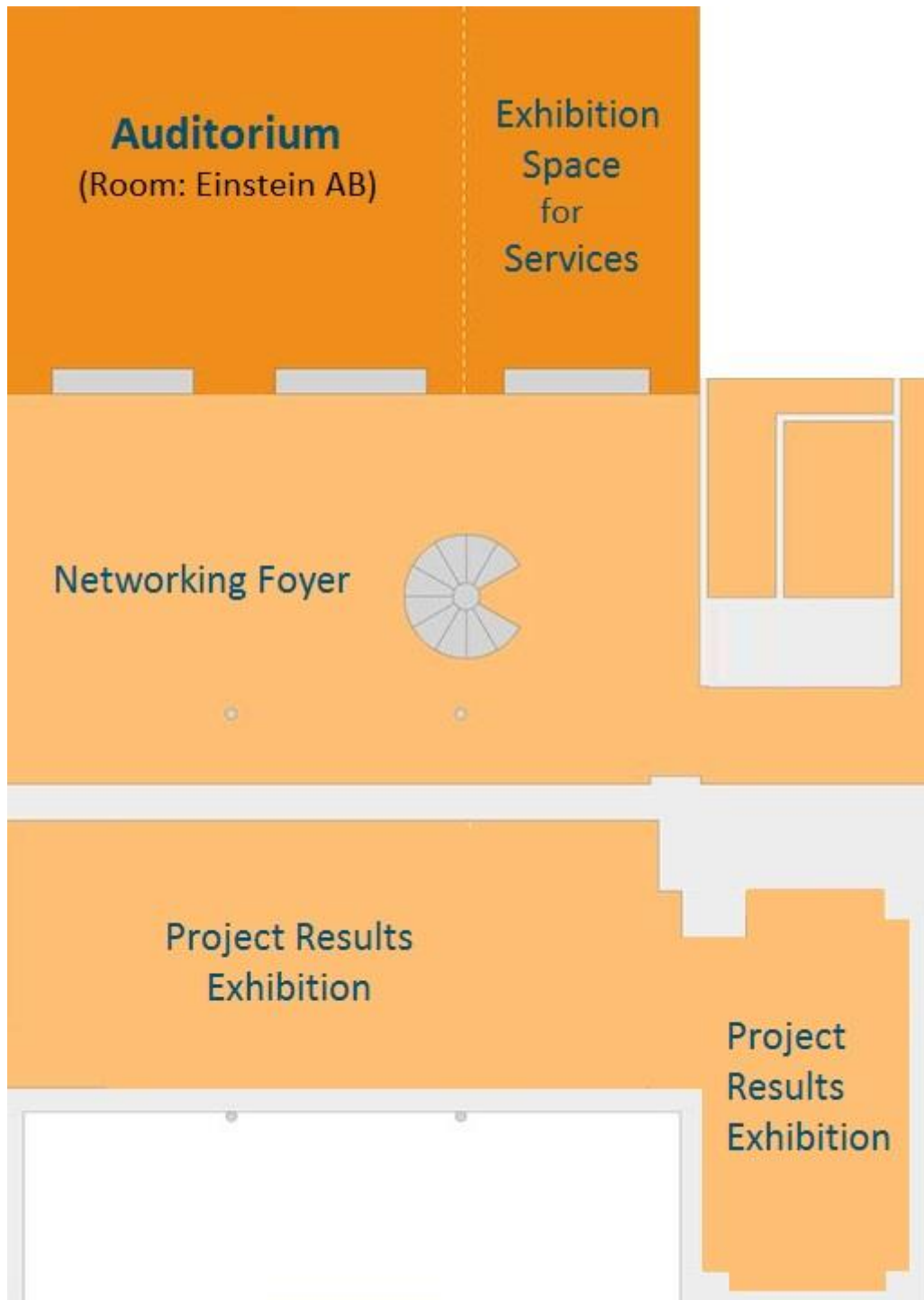
08:00 – 09:00	Registration and Coffee
09:00 - 09 :15	Welcome & Introduction <ul style="list-style-type: none"> • Željko Pazin (Executive Director, EFFRA) • Lorenzo Valles (Head of Unit, DG Research, European Commission)
09:15 - 11:15	Services generated by the FoF-7-2014 CSA projects (illustrated by concrete cases) <ul style="list-style-type: none"> • CO-FACTOR - Franziska Bergmann (Steinbeis-Europa-Zentrum) • EFFECTIVE - Franco Cavadini (Synesis) • FOFAM - Paula Queipo Rodríguez (Prodintec) • FOCUS - Odd Myklebust (NTNU) • FoF-Impact – Chris Decubber (EFFRA)
11:15 - 11:45	Coffee Break Exhibition + Networking
11:45 - 13:00	Presentations of Services: Short presentations about services and examples of cases by other technology transfer service providers <ul style="list-style-type: none"> • IPR helpdesk - Onur Emul • CEN/CENELEC – Andreea Gulacsi • Mondragon Centro de Promoción - A new financial instrument focused incubation & tech. transfer – Joseba Sagastigordia • IK4-IDEKO & Intelsuite Business Intelligence - Ander Azkarate Discussion: The next actions for generating more impact and market take-up
13:00 - 14:00	Lunch Break Exhibition + Networking
14:00 - 16:00	“Pitch” presentations of FoF project results (and the way forward) Indicative list of pitches: see list exhibition of project results
16:00 - 17:00	Closing drink Exhibition + Networking

Pitch Presentations: Project Results

FoF-Pitches 1 (Room: Einstein A)		
ENEPLAN	Energy efficient process planning system	Panos Stavropoulos (LMS)
EFEVE	Development of new high performance material associated to a new technological energetic, flexible, economical, versatile & ecological process to make super strong & lightweight components	Rikardo Bueno (Tecnalia)
ECOGEL -CRONOS	High productivity manufacturing process of composite parts based on zero emissions fast curing coatings & heated moulds	Raquel Giner (AIMPLAS)
Muprod	Innovative proactive quality control system for in-process multi-stage defect reduction	Marcello Colledani (Politecnico di Milano)
Megafit	Manufacturing error-free goods at first time	Jan Alma (Philips)
HIMICRO	High-precision micro production technologies	Jun Qian (KU Leuven)
Fibermap	Automatic mapping of fibre orientation for draping of carbon fibre parts	Emanuele Menegatti (University of Padova)
Therrobot	Autonomous robotic system for thermo-graphic detection of cracks	Emanuele Menegatti (University of Padova)
FABIMED	Fabrication and functionalization of Biomedical microdevices	Pablo Romero (AIMEN)
Midemma	Minimizing defects in micro-manufacturing applications	Juan Antonio Arrieta (IK4-IDEKO)
FoF-Pitches 2 (Room: Einstein BC)		
Preview	Predictive system to recommend Injection mould setup in Wireless sensor networks	Liceth Rebolledo (EURECAT)
SENSE&REACT	The context-aware & user-centric information distribution system for manufacturing	Konstantinos Sipsas (LMS)
X-Act	Expert cooperative robots for highly skilled operations for the factory of the future	Panagiota Tsarouchi (LMS)
ROBO-PARTNER	Seamless human-robot cooperation for intelligent, flexible & safe operations in the assembly factories of the future	George Michalos (LMS)
AUTORECON	Autonomous co-operative machines for highly reconfigurable assembly operations of the future	Sotiris Makris (LMS)
FALCON	Feedback mechanisms across the lifecycle for customer-driven optimization of innovative product-service design	Eva Coscia (Holonix)
Power-OM - OPR	Power consumption driven reliability, operation & maintenance optimisation	Markus Jacob (ARTIS)
REEMAIN	Resource & energy efficient manufacturing	Enrico Callegati (CRIT)
BEinCPPS	Business experiments in cyber-physical production systems	Tanja Meyer (Fraunhofer)
IFaCOM	Intelligent fault correction & self-optimizing manufacturing systems	Odd Myklebust (NTNU)

Floor Plan

Participants will receive a detailed exhibition area plan on the day of the event.



More Information

For more information, please contact patrick.kennedy@effra.eu.