

# '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

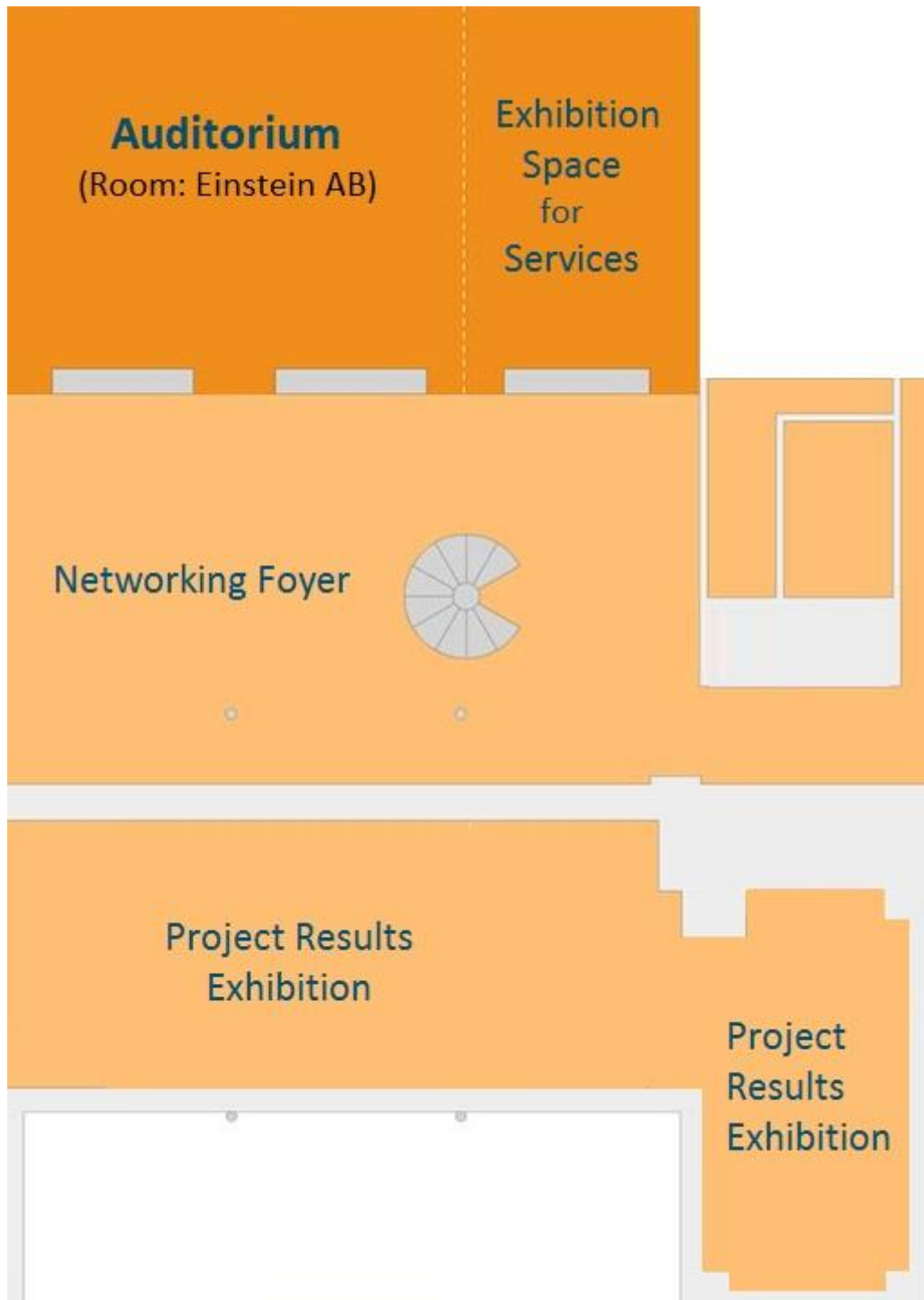
08:00 – 09:00	<b>Registration and Coffee</b>
09:00 - 09 :15	<b>Welcome &amp; Introduction</b> <ul style="list-style-type: none"> <li>• Željko Pazin (Executive Director, EFFRA)</li> <li>• Lorenzo Valles (Head of Unit, DG Research, European Commission)</li> </ul>
09:15 - 11:15	<b>Services generated by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

## Pitch Presentations: Project Results

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

## Registered Participants

Ann	O'Connell	Advanced Materials Ireland
François	Stassijns	VLAIO
Paul	Peeters	Agoria
Nerea	Otero Ramudo	AIMEN
Fernando	Sanchez	AIMEN
Raquel	Giner Borrull	AIMPLAS
Ana	Palanca	AIMPLAS
Andreas	Kötter	Altran Deutschland
Rosemary	Gault	AMRC
Haluk	Gökmen	Arcelik A.S.
Marie T.	Lubs	ARPNS
Markus	Jacob	Artis GmbH
Carlo	Verbinnen	Atlas Copco Airpower N.V.
Jan Willem	Gunnink	Autodesk
Giacomo	Martinotti	Avio Aero Consultant
Markus	Hell	Berlin Partner for Business & Tech
Pietro	Nuotatore	Bode
Lucia	Iñigo-Paarmann	CDTI
Vladimir	Cid-Bourié	CDTI - SOST
Andres	Martinez-Estevez	CDTI - SOST
Antonin	Galtier	CEA
Belen	Bravo	CECE
Vincenzo	Renda	CECIMO
Kamila	Slupek	CECIMO
Andreea	Gulacsi	CEN-CENELEC
Haigang	Song	Chinese Mission to EU
Xiaosong	Wang	Chinese Mission to EU
Ibon	Ocaña	CIET-IK4
Marina	Monti	CNR - IMATI
Leonardo	Pinna	Confindustria
David	Murray	Cook Medical
Daniele	Bassan	CRF
Jennifer	Gaughran	Dublin City University
Chris	Decubber	EFFRA
Carl	Gisleskog	EFFRA
Patrick	Kennedy	EFFRA
Željko	Pazin	EFFRA
Miriam	Ravelo Gonzalez	EFFRA

Gregory	Rust	Embassy of Canada Brussels
Coline	Fiquet	EMC2 Cluster
Laurent	Manach	EMC2 Cluster
Angelos	Charlaftis	ePAPHOS Advisors
Jesus Pablo	Gonzalez Villodres	EURECAT
Liceth	Rebolledo	EURECAT
Kristina	Bitvai	Eurideas Language Experts
Luigi	Vitiello	European Commission
Jan	Ramboer	European Commission
José-Lorenzo	Vallés	European Commission
Denis	Dambois	European Commission
Grzegorz	Drozd	European Commission
Erastos	Filos	European Commission
Rositsa	Georgieva	European Commission
Aleksandra	Kozlowska	European Commission
Alberto	Licciardello	European Commission
Nikos	Pantalos	European Commission
Sabine	Prevost	European Commission
Danuta	Seredynska	European Commission
Arian	Zwegers	European Commission
Onur	Emul	European IPR Helpdesk
Lieven	Debremaeker	Fodeco
Ulrich	Thombansen	Fraunhofer ILT
Tanja	Meyer	Fraunhofer IPA
Nuria	Esteban	Fundacio CIM
Bettina	Gladysz-Haller	Gladysz-Haller Consulting
Michael	Peschl	Harms&Wende GmbH & Co KG
Adrien	Sellez	High Value Manufacturing Catapult
Eva Alessandra	Coscia	Holonix
Pierre	Padilla	IDEA Consult
Juanan	Arrieta	IK4-IDEKO
Ander	Azcarate Olaran	IK4-IDEKO
Keshav	Chintamani	IMEC
Siliva	De La Maza	Innovalia
Craig	Sharp	Innovate UK
Saurabh	Kwatra	Innovation & Patents Without Borders
Mathias Aguirre	Havgar	Innovation Norway
Ivan	Meseguer	Institut Mines-Telecom
Lara Maria	Costanza	Inter Network

Andrew	Lynch	Irish Manufacturing Research
Mihaela	Copaci	IrRADIARE,Lda
Marcos	Nogueira	IrRADIARE,Lda
Ruth	Ivory	Ivory Communications
Peter	Pickel	John Deere GmbH & Co. KG
Taner	Makas	Kanca Forging Inc.
Ali Mamedov	Mamedov	Kanca Forging Inc.
Yoon Been	Lee	KIC-Europe (Korea Innovation Center)
Jun	Qian	KULeuven
Sotiris	Makris	LMS
Dimitris	Mavrikios	LMS
George	Michalos	LMS
Konstantinos	Sipsas	LMS
Panos	Stavropoulos	LMS
Panagiota	Tsarouchi	LMS
George	Bugeja	Malta Council for Science & Technology
Joseba	Sagastigordia	Mondragon Centro de Promoción
Irantzu	Murguiondo	Mondragon Corporation
Martina	Milano	Moverim
Pierre	Fiasse	NCP Wallonie
Harald	Rødseth	NTNU
Odd	Myklebust	NTNU
Morten	Øien	NTNU
Per	Schølberg	NTNU
Ragnhild	Eleftheriadis	NTNU/SINTEF
Harry	Tsahalis	Paragon S.A.
Jan	Alma	Philips
Marcello	Colledani	Politecnico di Milano
Paolo	Calefati	Prima Industrie SpA
Paula	Queipo	PRODINTEC
Jiri	Vyroubal	RCMT CTU
Maria Pilar	De Frutos	Repsol
Boaz	Kogon	RMIT Europe
Esther	Parra	RMIT Europe
Adrian	Ibric	ROSTeu
Gaute	Knutstad	SINTEF
Valeria	Lautizi	SPIRE
Franziska	Bergmann	Steinbeis-Europa-Zentrum

Alexandre	Bredimas	Strane Innovation
Niclas	Stenberg	Swerea AB
Boel	Wadman	Swerea IVF
Franco	Cavadini	Synesis
Rikardo	Bueno	Tecnalia
Soumaya	El Kadiri	Texelia
Maurits	Butter	TNO
Govert	Gijsbers	TNO
Ezgi	Bekdemir	TOBB
Paolo	Pedrazzoli	TTS
Hasan Burak	Tiftik	TUBITAK
Darren	Williams	TWI Ltd
Stephane	Croigny	U.S. Embassy Brussels
Luis	Diez Gamiz	University of Cadiz
Emanuele	Menegatti	University of Padova
Kai	Peters	VDMA
Frederic	Beaugendre	Voxygen
Amit	Eytan	We Plus Srl
Weronika	Urbanska	Welsh Higher Education Brussels