News from EFFRA



Chris Decubber
Brussels, 3 December 2014

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Call FoF 2014 – success rates

- For the FoF-NMPB call, the overall success rate is 8,6% (if one takes out the CSAs)
- FoF-Connect success rates: 13%
- Uneven distribution of the success rate among the calls

Topic	*Retained/ received*	*Retained/ Over treshold*
FoF 2 – 2014: Manufacturing processes for complex structures and geometries with efficient use of material	5,5%	57,0%
FoF 3 – 2014: Global energy and other resources efficiency in manufacturing enterprises	3,1%	33,0%
FoF 4 – 2014: Developing smart factories that are attractive to workers	10,0%	66,0%
FoF 5 – 2014: Innovative product-service design using manufacturing intelligence	22,2%	60,0%
FoF 6 – 2014: Symbiotic human-robot collaborations for safe and dynamic multimodal manufacturing systems	9,5%	33,0%
Average	*8,6%*	*51,7%*

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Improving the efficiency of the FoF PPP

- Should the call topics be more focused?
- Should the projects be smaller, leading to more accepted projects? Also making SME attractiveness stronger
- Should even more emphasis be put on industrial cases in order to come to fewer but higher quality proposals?
- Should we repeat similar call topics to those that were oversubscribed, with many proposals above the treshold?
- Do we wish to stick to the one-stage proposal submission process?
- Should the merger of project ideas be more stimulated?

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FoF 8 – 2015: ICT-enabled modelling, simulation, analytics and forecasting technologies 79

HORIZON 2020

WORK PROGRAMME 2014 – 2015

HORIZON 2020 – WORK PROGRAMME 2014-2015

Leadership in Enabling and Industrial Technologies
Nanotechnologies, Advanced Materials, Biotechnology and Advanced Manufacturing and Processing

FoF 9 – 2015: ICT Innovation for Manufacturing SMEs (I4MS) 80

FoF 10 – 2015: Manufacturing of custom made parts for personalised products 82

FoF 11 – 2015: Flexible production systems based on integrated tools for rapid reconfiguration of machinery and robots 83

FoF 12 – 2015: Industrial technologies for advanced joining and assembly processes of multi-materials 84

FoF 13 – 2015: Re-use and re-manufacturing technologies and equipment for sustainable product lifecycle management 85

FoF 14 – 2015: Integrated design and management of production machinery and processes 87

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General

Welcome
Welcome and introduction

Consultation Work Programme 2016-2017

Map your projects, results and demonstrators in the Innovation Portal

Express your interest in participating in the FoF PPP!
View here the available project ideas and expressions of interest and learn what you should do to post your expr[illegible]ion of

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WP14-15: Coverage of the FoF 2020 roadmap

Research Priorities	Sum of Ratings	Call topic	Call topic coverage of RP	To be covered in?
Domain 1: Advanced manufacturing processes	**47240**		_	_
RP 1.1 Manufacturing for custom made parts	4300	FoF.2015.10	100%	**2015**
RP 1.6 Material efficient Manufacturing processes	4110	FoF.2014.02	100%	**2014**
RP 1.2 Advanced joining technologies for advanced and multi-materials	3570	FoF.2015.12	100%	**2015**
RP 1.11 Product life cycle management for advanced materials	2390	FoF.2015.13	100%	**2015**
RP 1.14 Photonic Process Chains	1270	FoF.2014.01	34%	**2014**
Domain 2: Adaptive and smart manufacturing systems	**40500**		_	_
RP 2.1 Flexible and reconfigurable Machinery and Robots	3810	FoF.2015.11	100%	**2015**
RP 2.10 Adaptive Process Automation and Control for a sensing shop floor	2770	FoF.2014.01	34%	**2014**
RP 2.2 Embedded cognitive functions for supporting the use of machinery and robot systems in changing shop floor environments	2590	FoF.2015.09	20%	**2016?**
Sub-Domain 2.2 Dynamic Production systems and Factories	2110	FoF.2014.06	100%	**2014**
RP 2.3 Symbiotic Safe and Productive human robot interaction, professional Service Robots and Multimodal Human-Machine-Robot Collaboration	1850	FoF.2015.09	100%	**2015**

Domain 1 – suggestions for WP16-17?

Research Priorities	Sum of Ratings	Call topic	Call topic coverage of RP	To be covered in?
Domain 1: Advanced manufacturing processes	**47240**		_	_
RP 1.1 Manufacturing for custom made parts	4300	FoF.2015.10	100%	**2015**
RP 1.6 Material efficient Manufacturing processes	4110	FoF.2014.02	100%	**2014**
RP 1.5 Delivery of new functionalities through (mass production) surface manufacturing processes	3770			**2016?**
RP 1.9 Integrated manufacturing processes	3570			**2016?**
RP 1.2 Advanced joining technologies for advanced and multi-materials	3570	FoF.2015.12	100%	**2015**
RP 1.3 Automated production of thermoset and thermoplastic composite structures/products	2770			**2017?**
RP 1.7 High Volume Manufacturing at the micro- and nano-scale	2490			**2017?**
RP 1.11 Product life cycle management for advanced materials	2390	FoF.2015.13	100%	**2015**
RP 1.14 Photonic Process Chains	1270	FoF.2014.01	34%	**2014**

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Ready for



Thank You

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