



FOCUS Consortium

FOCUS aims to:

Create clusters of FoF project activities, according to their objectives and addressed themes.

- Speeding up industrial exploitations
- Stimulating new networks
- Common business and commercial potentials
- Add value beyond the state of art
- Effective execution of activities
- Common interests
- Joint exploitation
- Roadmap



Horizon2020 project funded by DG Research & Innovation under grant agreement No.637090, coordinated by NTNU

REGISTER TODAY

On this link or at :

www.focusonfof.eu or www.4zdm.eu

Coordinator

Email: Odd.Myklebust@ntnu.no

Arrangement contact:

Email: Ragnhild.Eleftheriadis@ntnu.no

Who We Are

“Factory of the Future Clusters”

5 Existing European Manufacturing Project Clusters

- 4ZDM-Zero Defect manufacturing
- Clean Factory
- High Precision Manufacturing
- Robotics
- Maintenance & Support

The 5 clusters consist of:

- 30 existing or finished FoF Projects
- Approx. 360 partners



5 EUROPEAN MANUFACTURING PROJECT CLUSTERS

Zero Defect Manufacturing
Clean Factory
High Precision Manufacturing
Robotics
Maintenance & Support

“FACTORY OF THE FUTURE CLUSTERS”

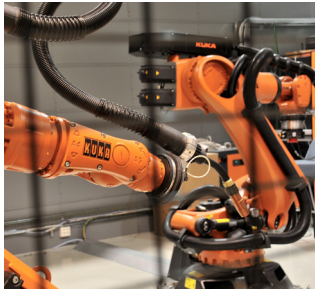
EXPERT WORKSHOP

CROWNE PLAZA HOTEL
BRUSSELS

FEBRUARY 16 - 2016



“The future FoF Priorities”



Clustering an effective way to enhance the impact of FoF projects

30 FACTORY OF THE FUTURE PROJECTS

Zero Defect Manufacturing (4ZDM)

- IFaCOM
- MEGAFiT
- MuProD
- MiDEMMA

High Precision Manufacturing

- Hi-MICRO
- 3D-HipMAS
- HiPr
- SMART LAM
- μ -Fast
- FABIMED
- HINMICO
- Next Factory

Clean Factory

- AREUS
- EMC2-Factory
- ENEPLAN
- DAPhNE
- FACTORY-ECOMATION
- REEMAIN
- REFORM

Robotics

- CableBOT
- Thermobot
- Mainbot
- Autorecon
- Miror
- Comet
- X-act
- FibreMap

Maintenance & Support

- iMAIN
- SUPREME
- Power OM

TEN INTERNATIONAL INDUSTRIAL EXPERTS IN:

Zero Defect Manufacturing:

Dr. Makoto Fujishima, Mori Seiki,
DMG MORI Co. Ltd, Japan

Dr. Dan Frayssinet, Founder and CEO
of DP Technology, USA

Clean Factory::

Prof. I.S. Jawahir,
University of Kentucky, USA

Prof. Yaoyao Fiona Zhao,
McGill University, Canada

High Precision Manufacturing:

Dr. Henny Spaan, IBS Precision
Engineering, Netherlands

Dr. Fukuo Hashimoto, Senior
Scientist, The Timken Company, USA

Robotics:

Clay Flannigan, SwRI Robotics and
Automation Engineering, USA

Arturo Baroncelli, Comau, Former
President international Federation of
Robotics, Italy

Maintenance:

Jason Tranter, Managing Director,
Founder of MOBIUS Institute – Australia

Dr. Mark Haarman, Managing
Partner Mainnovation, Former Chairman of
Dutch Maintenance Association (NVDO)

Program

16th FEBRUARY 2016

**CROWNE PLAZA HOTEL, Le Palace,
Rue Gineste 3 BRUSSELS**

08.15 Registration, Network & Coffee

*09.00 Welcome,
Odd Myklebust, Morten Øien, NTNU*

*09.30 The FOCUS Project,
Coordinator Dr. Myklebust*

*09.45 Introduction to five clusters,
Professor. M. Colledani*

10.00 Experts Presentations

- *Zero Defect Manufacturing*
- *Clean Factory*
- *High Precision Manufacturing*
- *Robotics*
- *Maintenance*

13.30-14.30 Lunch

*14.30 Perspectives in relation to the
FoF- PPP program
Andrea Gentili, European Commission*

*14.50 The European view
Professor Engelbert Westkämper*

*15.20 Panel discussion,
Experts, Cluster Leaders, Moderators*

16.15 Summary Conclusions