

## **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





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# **REGISTER TODAY**

On this link or at:

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

Coordinator

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# 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 FACORY OF THE FUTURE PROJECTS**

**Zero Defect Manufacturing (4ZDM)** 

- IFaCOM
- MEGAFiT
- MuProd
- MiDDEMA

#### **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:

**Dr. Jason Tanter**, Managing Director, Founder of MOBIUS Institute – Australia

**Dr. Maar Haarmann,** Mainnovantion B.V. Consultancy, Former Chairman of Dutch Maintenance Association (NVDO)

# Program 16th FEBRUARY 2016

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

Keynotes and the result from the Cluster Workshop with International Industrial Experts

08..15 Registration, Network & Coffee

09.00 Welcome,

European Commission and NTNU

- 09.30 The FOCUS Project, Coordinator Dr. Myklebust
- **09.45 Introduction to 5 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 The European view

Professor Engelbert Westkämfer

15.00 Panel discussion,

Experts, Cluster Leaders, Moderators

16.00 Summary Conclusions