



Priorities and Working Groups initiated by the *MANUFUTURE* Board

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Zero Defect Manufacturing Webinar

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Priorities of the ManuFUTURE Board (1)

ManuFUTURE remains the umbrella organisation with focus on the long-term view and broader perspective of the R&I needs for Manufacturing.

Ambition is to anticipate trends in the rapid changing scenario of coming years

Strengthen Upstream link

- Built up of better connections to Basic Science, extracting relevant knowledge from upstream research, via validation of readiness and proof of concept.

Strengthen Downstream links

- Use the huge potential of NR level to bring Applied Research results to the largest possible effect.

Sustainable, circular and accountable manufacturing

- *Support evolution to Circular economy*

Priorities of the ManuFuture Board (2)

Decentralized Technical Intelligence

- *Technical Intelligence for increased manufacturing performance - going beyond the limits of today in an interdisciplinary approach/endeavour*

The need for resilient manufacturing (COVID-19)

- *Corona has shown the vulnerability of today's manufacturing eco-systems. What are the solutions to make them resilient in the future*

Open Data: a balanced approach between IPR and Open Science

- *We need a balance between IPR and open science to secure the competitive edge.*

Innovation infrastructures and eco-systems

includes the topics "Strengthen links to Sub-PF, EFFRA, EIT-M, and other initiatives" + "Cross disciplinary + cross platforms initiatives"

- *Cooperate in building up advanced eco-systems*
- *To support a comprehensive, common and consistent industrial R&I strategy for Manufacturing*

Priorities of the ManuFUTURE Board (3)

State aid in the scope of research and innovation

- *The European treaty generally prohibits State aid unless it is justified by reasons of general economic development. But it is becoming increasingly clear that a new and significant modernization effort – beyond the 2012 State aid reform programme – will be required, to maintain European competitiveness in manufacturing.*

Impact of European demographics

- *Focus on future education, skills and reskilling needs.*

Overview on Working Group Topics and Leaders

TOPIC of the Working Group	Working Group Leader
Stengthen Upstream link	Tullio Tolio
Stengthen Downstream link	Rikardo Bueno
Sustainable, Circular and Accountable Manufacturing	Marcello Urgo
Decentralized Technical Intelligence	Bjoern Sautter
CORONA Recovery - The need for resilient manufacturing	Kai Peters
Open Data - Balanced Approach between IPRs and Open Science (NEW)	Michel Carton
Innovation, Infrastructures and eco-systems (including "Stengthen links to Sub-PF, EFFRA, EIT-M, and other initiatives" + "Cross disciplinary - cross platforms initiatives - going horizontally")	Panos Stavropoulos
State Aid, in the scope of Research and Innovation	Andrew Lynch
Impact of European Demographics	Krisztina Bardos

ManuFUTURE - Way forward

Thanks to all Coordinators and WG members for their availability and contributions so far!

Next steps:

- *The working groups are installed and active.*
- *First results of the working groups were distributed to ISG and HLG members on 12th May.*
- *Final results expected by end of the year.*
- *If you are interested to join any one or more of the WGs, Please give your name to Odd Myklebust or Juan Arrieta.*