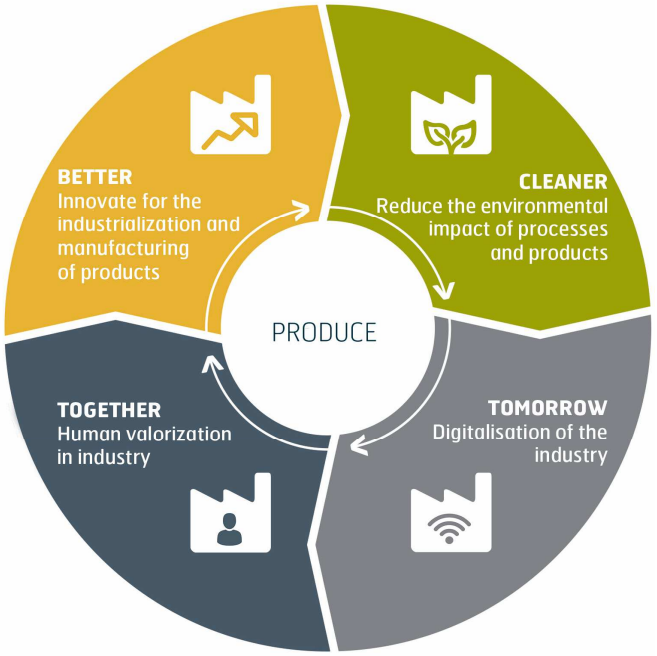
Project idea/ Field of expertise:	#Large parts manufacturing # Cross fertilisation #Advanced manufacturing techniques
Organisation Name:	**EMC2 cluster and members :** Nantes Univ., IRT Jules Verne, Europe Technologies (Mid-Sized), Siemens, End-users
Adressed challenge(s)/ PPP(s):	Factories of the future
Adressed topic(s) in Work Programme:	DT-FOF-10-2020: Pilot lines for large-part high-precision manufacturing Also : DT-FOF-11-2020 and DT-FOF-09-2020

EMC2 The French Advanced Manufacturing Innovation Hub



380 members
50% SMEs

Your gateway to French Advanced Manufacturing partners

Expertise: NMBP, in particular Factories of the Future, ICT Robotics, Mobility for Growth, Green Vehicles, Low Carbon-Energy, INNOSUPPartner in

European inter-clustering and R&D projects

- 80 EU projects accompanied
  - 27 are selected

EMC2

GOLD Cluster Management Excellence
PROVEN FOR CLUSTER EXCELLENCE

> Some of our members have a project idea!

Our project idea

- Based on the EMC2 ecosystem
- Highly experienced and qualified core partners
- Bring 1 or 2 pilot lines around key end users (major groups from Pays de la Loire) and
- Technology providers in robotics integration, automation and modularity functions for large parts.

Consortium (if any)

Known partners / Competence offer

Name	Type		Role in the project
Europe Technologies	Mid-Sized	FR	Techno provider : automation, mobile robotics
IRT Jules Verne	RTO	FR	WP Lead : vision and 3D positionning in industrial environnement; industrial process modelling & simulation (digital twin); in-line process control and real-time data acquisition system
LS2N – Nantes Univ.	Univ	FR	Research Center: Robot behavior identification, digital chain, kinematic redundancy management, development of new processes to manufacture and repair innovative large-scale parts, machining of large scaled part with mobile robot and polyarticuled robot simultaneous, create reconfigurable, modular robotic system for manufacturing part and make experimentation...
Siemens	Group		Potential end-user
Aeronautics End-user	Group	FR	Potential end-user

Partner search

Profile	Type	Country	Role in the project

Contact details

Contact person	
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