

ARTEMIS TECHNOLOGY CONFERENCE 2015

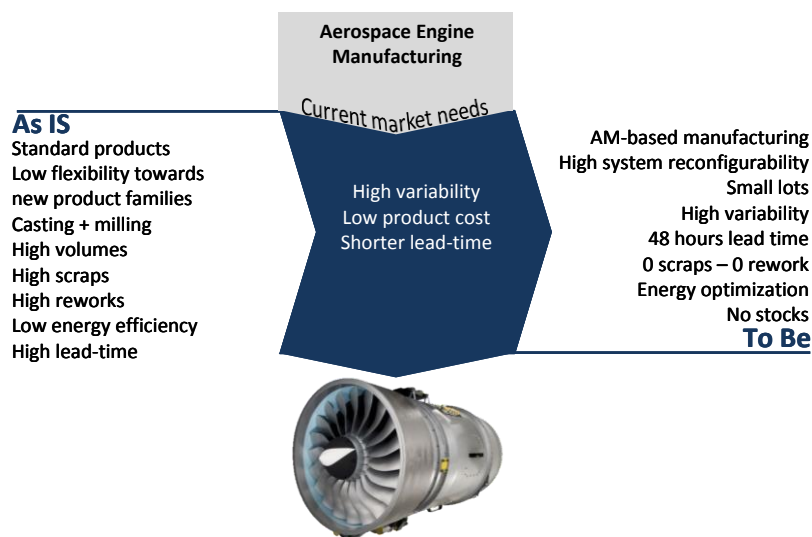
6+7 October | Turin, Italy

Cyber physical systems and powder based technologies to achieve an affordable mass customization production

PROJECT IDEA

Development and implementation of a CPS based automation, machine management, process planning and reconfiguration level, nesting all the manufacturing resources in a unique multi-layer integration platform, capable to deliver unparalleled performance in aerospace.

Integration of multiple, open, AM-based mechatronic modules, capable to process multi-materials complex shape components, lowest buy-to-fly in aerospace, flexibly coupled with service machining modules based on traditional technologies.



CONTACT PERSON

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ORGANISATION

PRIMA INDUSTRIE

CONSORTIUM STATUS

To be defined

AVAILABLE KEY PARTNERS

SMEs and Research Centers

A **New product process optimization** paradigm will gradually offer the capability to manage on the cloud huge amount of data with a great potential of reduction in process setup times;

A **Plug and produce paradigm** will make fast and convenient the upgrade/ configuration of current machines boosting up the capability to introduce innovations in a very short time.

SMART production

New integrated CYBER PHYSICAL SYSTEM solution

High Innovation with the contribution of SMEs