

Presentation Title

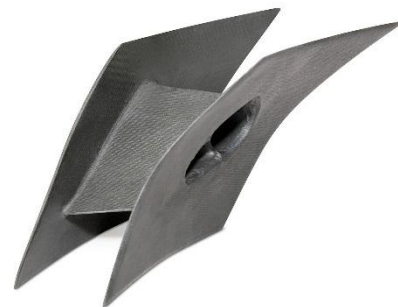
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Topics that we are interested in

Space technology

- COMPET-1-2015: Technologies for European non-dependence and competitiveness
- COMPET-2-2015: Independent access to space
- COMPET-3-2015: Bottom-up space technologies at low TRL

Ceramic matrix composites (CMCs):
Common technology for all calls with some changes in the development subject specific for each call



Presentation of the organisation

Founded: 2012

Specialized Taskforce of 16 Engineers



EU Consortia

- 1 MANUNET (FP7) – Welding
- 2 Clean sky 2 Projects
- Presence in several consortia:
 - Security
 - ICT
 - SPACE
 - FoF



Portugal

- 14 Engineers
- Excellence Centre



Brazil

- 2 Engineers
- Expansion



UK

- Office
- Academical Partnership:
Imperial College

Presentation of the organisation

Smart Manufacturing

- Non-Destructive Testing
- High Strenth Steel
- Tooling

Simulation

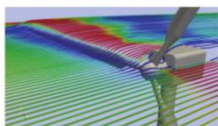
- Computacional Simulation
- Multiscale Simulation

Research & Development

- Close partnership w/ Imperial College

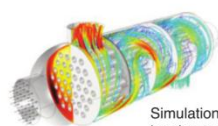


FLUIDS



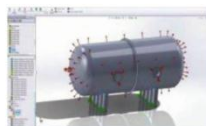
Pressure measurement flow around a wind turbine

THERMAL



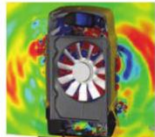
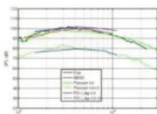
Simulation of a flow pattern in a heat exchanger

STRUCTURAL

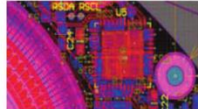


Pressure analysis within reservoir

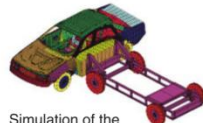
ACCUSTICS



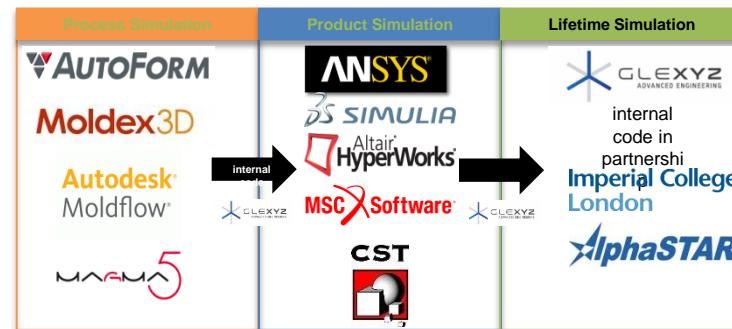
CUSTOMIZES SYSTEMS



CRASH TEST



Simulation of the car chassis



Potential ideas and partners

- GLEXYZ it's looking for partner with expertise in:
 - Manufacturing parts for testing
 - Destructive and non-destructive test methods to control the quality of the part (tolerances, properties, manufacturing defects).