

# Pitching Session

## Loïc MARIN

### CIMES – Creating Integrated Mechanical Systems



“The French competitiveness cluster dedicated to Smart manufacturing, mechanical engineering and production performance”

**Main mission:** coordinate the highly-innovative ecosystem gathering the stakeholders from industry, academic and research communities in order to think, develop and industrialize processes, products and services in the framework of Industry of the Future

**Location:** Located in Auvergne-Rhône-Alpes and Nouvelle-Aquitaine regions, it represents more than 30% of the French mechanical workforce.




**Ecosystem:** more than 250 direct members + capacity to address +250 organisations with the animation of the local mechanical clusters

**Sectors:** cross-sectorial approach (aeronautics, automotive, health, energy, agriculture./agrifood...)

### Some of our main members



### Thematic roadmap

 <p><b>Engineering for Manufacturing, Materials and Surfaces</b></p> <ul style="list-style-type: none"> <li>• <u>Metallic additive manufacturing</u></li> <li>• <u>Sintering, powder metallurgy</u></li> <li>• « <u>Subtractive</u> » processes : <u>complex machining – laser processing - finishing operations</u></li> <li>• <u>Processes for surface functionalization</u></li> <li>• <u>New material/process interactions</u></li> <li>• <u>Hybrid processes</u></li> <li>• <u>Solutions for process monitoring and device characterization</u></li> </ul>	 <p><b>Integrated <u>robotics</u> and productive <u>efficiency</u></b></p> <ul style="list-style-type: none"> <li>• <u>Mechatronic technologies and devices</u></li> <li>• <u>Integrated robotic systems</u></li> <li>• <u>Digital devices for productive equipment and maintenance</u></li> <li>• <u>Multicriteria analysis and driving for productive systems performance</u></li> <li>• <u>Industrial companies transformation (digitalization, servitization...)</u></li> </ul>	 <p><b><u>Optimised engineering for sustainable systems</u></b></p> <ul style="list-style-type: none"> <li>• <u>User-centred engineering</u></li> <li>• <u>Design for manufacturing</u></li> <li>• <u>Optimised engineering, compromise management</u></li> <li>• <u>Pluridisciplinary engineering for complex systems and product-service systems</u></li> <li>• <u>Engineering under uncertainty, risk management</u></li> <li>• <u>Tools, methodology and technology for engineering</u></li> </ul>
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## What are we looking for?

- Develop our network and better know the Taiwan cluster landscape and strategic manufacturing stakeholders (companies and intermediary organisations)
- Find business opportunities/partners for our companies, understand the manufacturing needs of Taiwanese companies
- Establish long-term relationships around Green Transition for Manufacturing
- Discuss about bike industry

## What do we offer

- Collaboration with a dynamic and innovative ecosystem of manufacturing actors (companies, universities, competence centres...)
- Access to the 1st industrial region in France + open door to the French competitiveness clusters landscape through the involvement in the French Association of Competitiveness Clusters
- Organisation of business delegations between France and Taiwan (establishment of MoU as a 1st step)
- Participation in interclustering projects via EU funding programmes
- And... Good wines and Gastronomy 😊

# 谢谢

# 让我们保持联系

[l.marin@cimes-hub.com](mailto:l.marin@cimes-hub.com)