

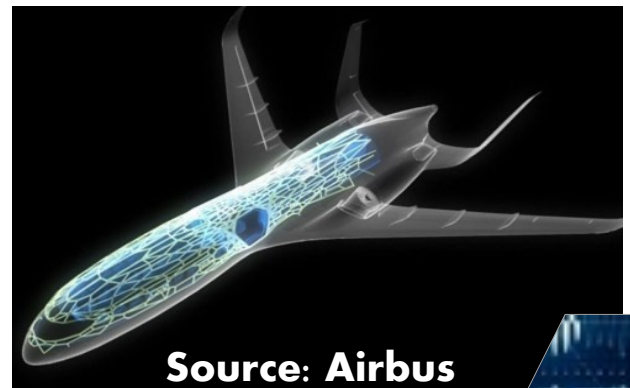
# SUSTAINABLE COMPOSITE MATERIALS & MANUFACTURING (SCMM)

The SCMM Innovation Program is focusing its Technology Developments on the upcoming challenges of transport sectors towards zero-emission mobility solutions. SCMM will turn materials & process innovation into highly relevant demonstrators meeting the expectations of large OEMs.

## Scope

Sustainable composites as key enablers towards net zero-emission mobility

### Aeronautics



Source: Airbus

### Automobile

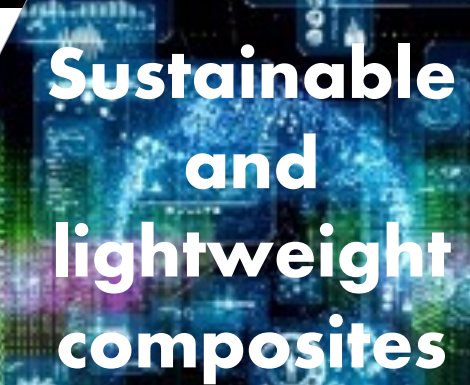


Source: Toyota

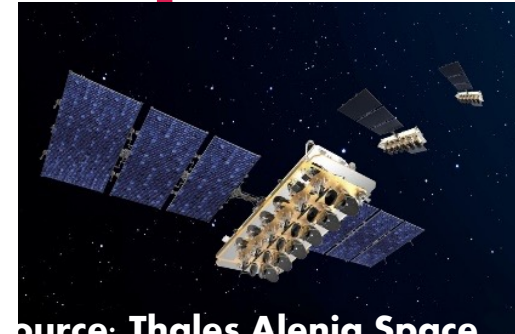
### Rail



Source: Alstom

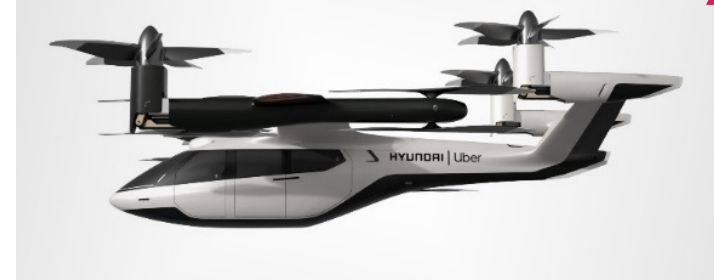


### Space



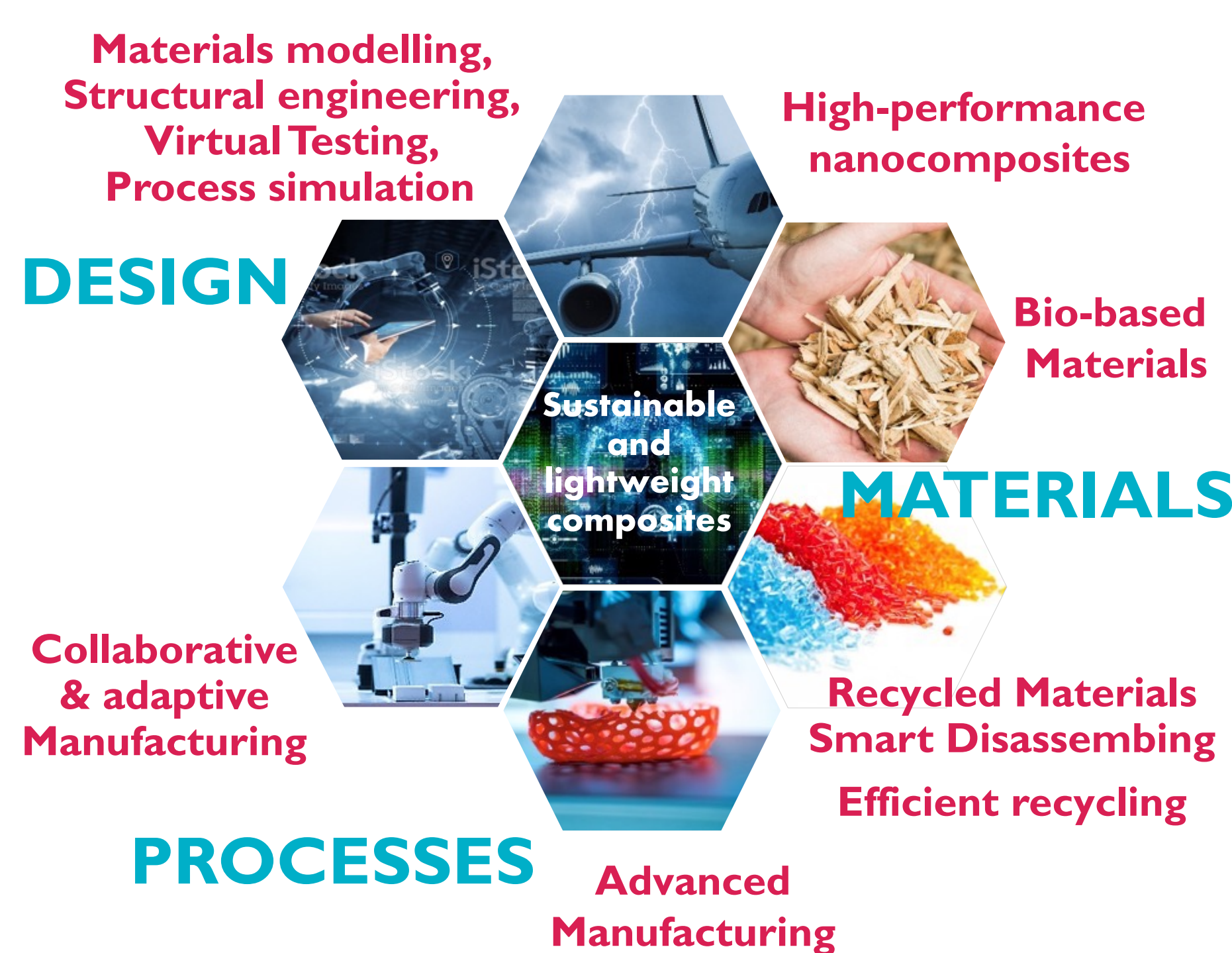
Source: Thales Alenia Space

### Urban Air Mobility



## Research & Innovation

**Strategic Research and Innovation Agenda (SRIA)** defined with SCMM members  
Project execution by LIST, in close cooperation with SCMM members



## Business

To Create an eco-system focused on sustainable composites  
Technology demonstration endorsed by key OEMs



## Research infrastructure & Capabilities

### Polymer processing & Nano-composites



### Advanced Composites Manufacturing & Additive Manufacturing



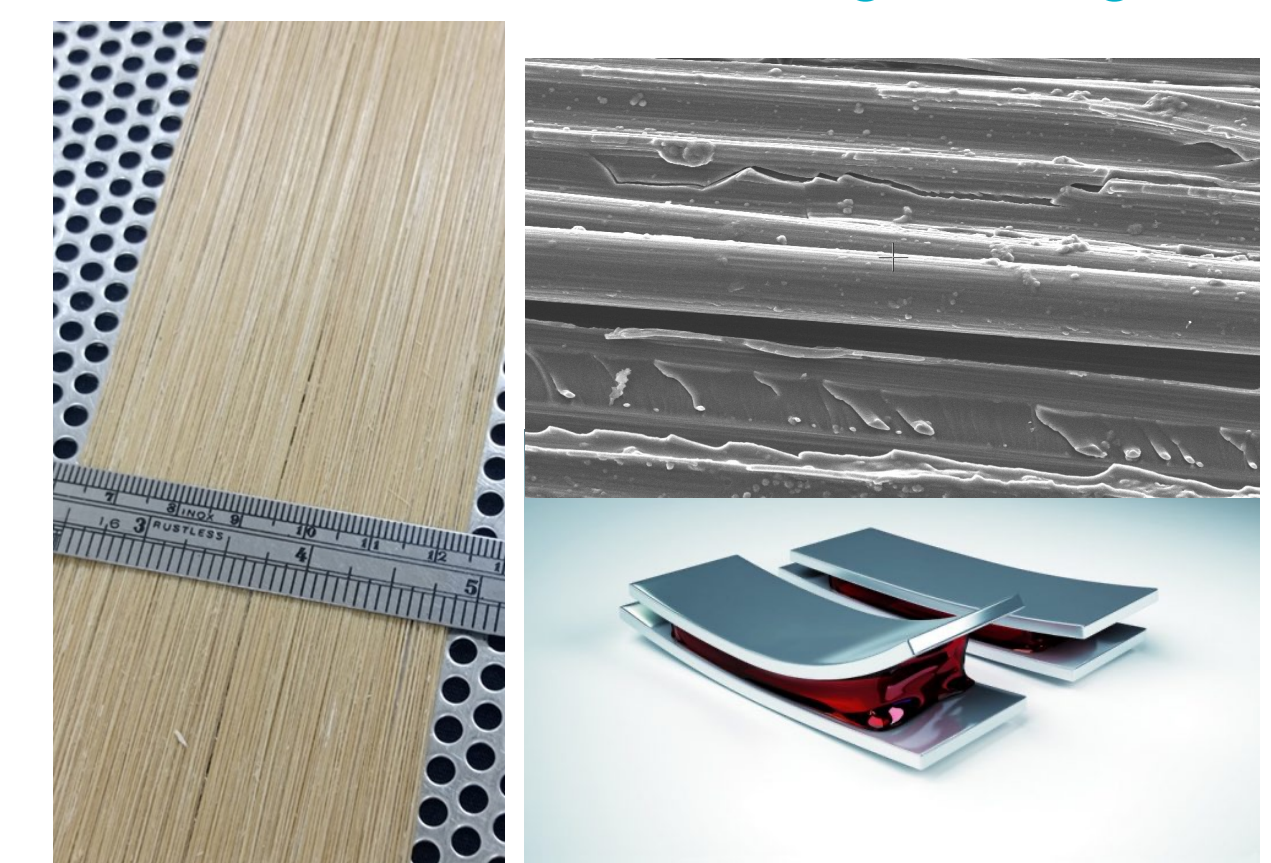
### Advanced Characterization & Testing



### Development of novel polymers and formulations



### Fibre and Interface Engineering



### Materials and Process Modelling, Structure Engineering

