



# AeroSpace Technologies

## The Paris Region


### Aerospace Cluster

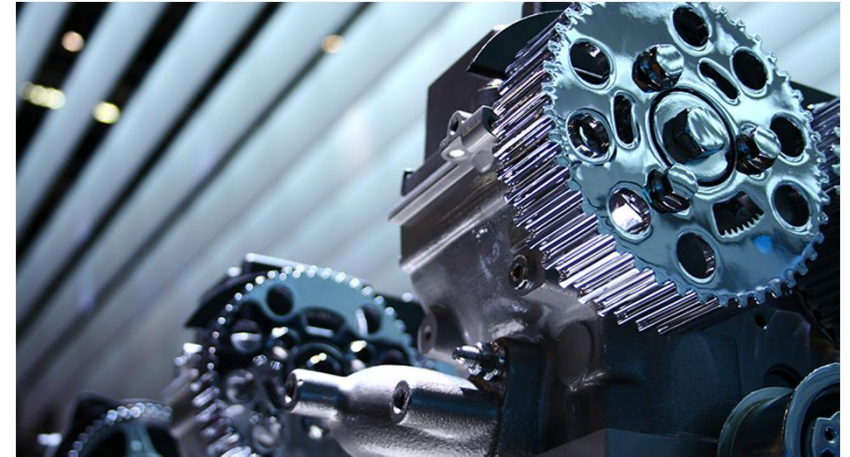
# Description of a Competitiveness Hub


- ✈ Paris Region Major Aerospace area in Europe
  - ➔ *By industrial workforce*
  - ➔ *By decision centers (HQ / Regulatory bodies / Industry association / ...)*
  - ➔ *By research and academic resources*
  
- ✈ ASTech a competitiveness cluster
  - ➔ *Industries (SME and major groups) / Academics / RTO*
  - ➔ *340 members*
  - ➔ *Innovation New techno → new products by SME's*
  - ➔ *70% success rate on national R&D call FUI*



## Challenges of advanced manufacturing

 *Cost reduction (RC and non recurring),  
leadtime reduction  
and increased customization  
→ higher agility to better serve our end  
customers*



 *Maintenance and spare parts productions  
→ innovation all along the lifecycle of the product*

✈ Collaborative innovation : why / what for and how collaborative

✈ *Incremental innovation on secondary parts – not addressed by OEM*  
→ *A clear responsibility sharing*

✈ *Take advantage of new technologies such as additive manufacturing*  
→ *A need to adapt the product definition*



✈ *A new collaborative spirit not only on product technology but also on manufacturing technology (high TRL)*

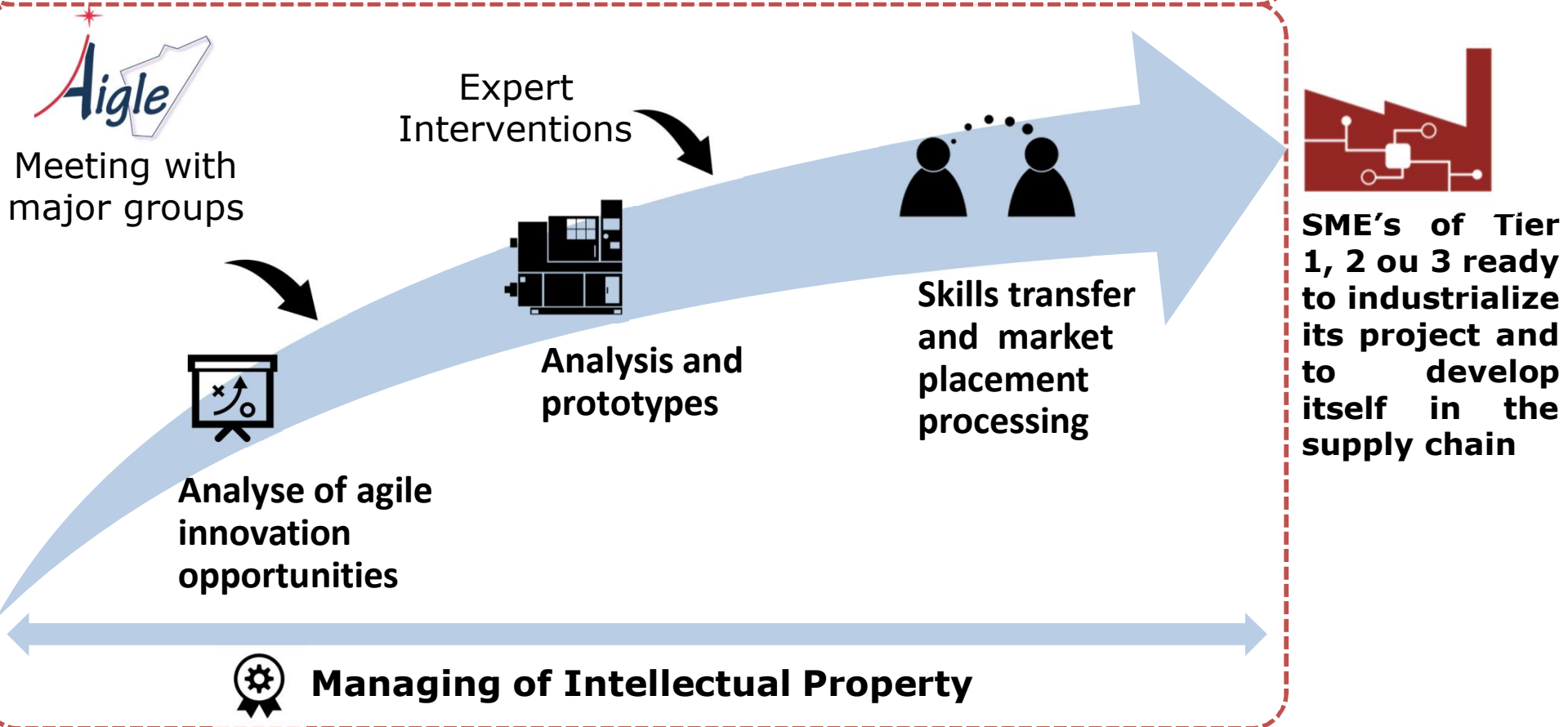


## **→ Role of ASTech**

- *Connect SMEs not only to R&T representatives of larger groups but also to program managers and supply chain managers***
- *Foster bottom up innovation by SME's***
- *Help SMEs prepare the industrial phase through demonstrator parts production***
- *Regional / National / European / International network build up***

# ASTech competitive cluster vision to support collaborative innovation on aerospace manufacturing

- Access to the latest innovative technologies and competences
- Protect their Industrial Property
- Accelerate the process from innovation to market
- Access to major groups
- Guidance from majors with **reliable orientations**
- Gather a community



**SME's of Tier 1, 2 or 3 wishing to develop an innovative project on their own / within a collaborative project**