Additive Manufacturing
FIT is the reunion of the 8 IRTs
4 of them are coming together on the AM topic
Why working together?

- To ensure for each new project the use of the best skills in the right environment.
- To reach an efficient IP management by cross-sharing between IRTs (in accordance with the agreements signed with the partners).
- To optimise investment, communication, representation and lobbying with public bodies and initiatives.
- To raise the visibility of IRTs at an international level.
By making a cartography of IRTs’ technological complementarities in Additive Manufacturing

By building a coordinated technological approach through the FIT AM Roadmap

By mutualising means and platforms

By optimising the technology watch in dividing the research area between IRTs

Overall coordination by IRT Saint Exupéry
Additive Manufacturing

AM research domains & Referents IRT

- New materials Characterisation
  - Powder, wire & parts recycling
  - HSE
- Microstructure Characterisation
  - Modelling
  - Interaction material process
- Process development & modelling
  - In-situ testing & monitoring

Digital chain optimization and simulation

- Behaviour parts modelling
- Surfaces post-traitement
  - Finishing work
- Ageing Durability

IRT M2P
IRT Jules Verne
IRT Saint-Exupéry
IRT SystemX
Common launched actions

- Material data base
- Training
- Communication
- Representation in several public bodies
- Methodological joint approach
Additive Manufacturing

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⇒ Coordination des IRT sur la FA par l’IRT Saint Exupéry

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