

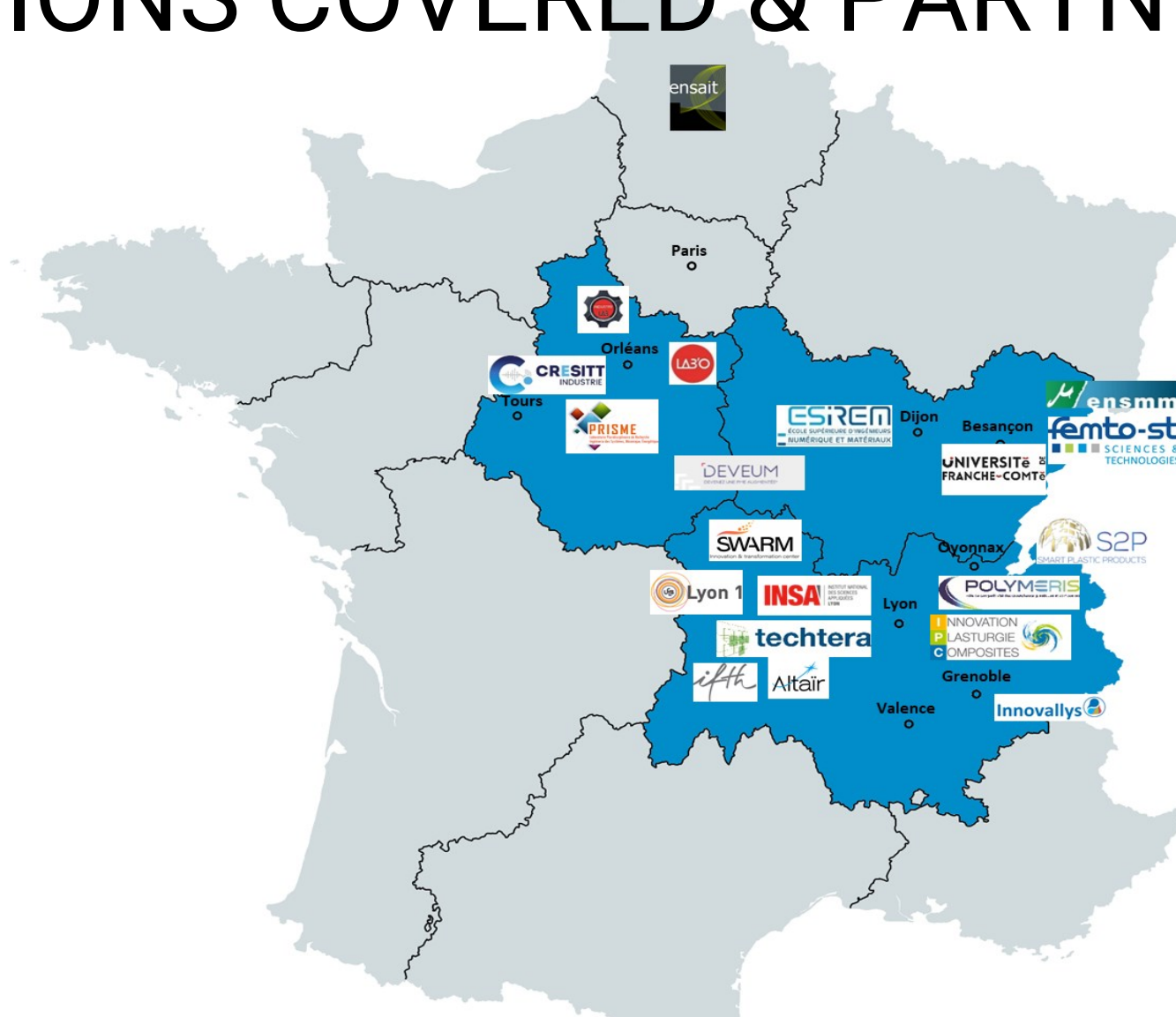


# POLYTRONICS

Smart Polymers Digital Innovation Hub



# REGIONS COVERED & PARTNERS



# Project's aim

- The aim of Polytronics is to support companies in the plastics, composites and polymer materials industries in their digital transformation thanks to **artificial intelligence (AI)**.
- Flagship services and main areas of innovation:
  - Product innovation: innovative and smarter polymer products thanks to new functionalities such as printed electronics (plastronics)
  - Process innovation: using AI to improve manufacturing processes, to have a better management of energy and resources, but also to increase product quality.

# Economic sectors

- Focus on polymer manufacturing technologies covering several industrial sectors:
  - Manufacturing,
  - Energy efficiency,
  - Health,
  - Food & Agro-industry (packaging)

# Challenges for the success:

How to specify the services towards the polymer manufacturing industries and reach out a large number of SMEs ?

# Interest of collaboration

## Joint services

- Joint activities with other fields of materials (metal, wood...) and other technologies (Cybersecurity, High performance computing...)

## Strength and attractiveness

- EDIH with strong sectorial and field competence : only focusing on polymer manufacturing industry, with high level partners for high quality services, both on materials science and on data analytics and use of AI.

# Contacts

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