

**Project idea/ Field of expertise:**

**INNOVATION** in the industrial **APPLICATIONS** of polymer-based **MATERIALS** and related **PROCESSES**

**Organisation Name:**



Group of service companies

- › R&D
- › analysis and characterisation
- › manufacturing

**Adressed challenge(s)/ PPP(s):**

Materials innovation in high added-value sectors  
Materials assembly. Advanced manufacturing

**Adressed topic(s) in Work Programme:**

FOF: **FOF-11**

OPEN INNOVATION: **NMBP-04, 05 and 11**

MEDICAL TECHNOLOGY INNOVATIONS: **NMBP-21**  
**SPIRE-08**

CLEAN ENERGY: **NMBP-31**



150

STAFF

15 M€

TURNOVER

12000  
m<sup>2</sup>

FACILITIES

50

PATENTS  
RESULTING FROM  
OUR STUDIES

+10%

ANNUAL  
GROWTH

## KEY MARKETS

Aerospace | Defense | Energy | Medical | Rail | Others

## OUR R&D LINES

Smart  
coatings

Bonding and  
adhesives

Medical  
devices

High  
performance  
materials

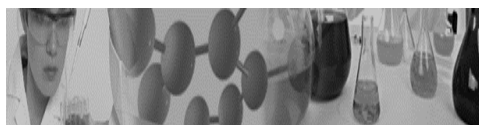


Long track record of participation to projects as **PARTNER** and **COORDINATOR**  
(FP6, FP7, H2020, EUROSTARS, LIFE+, INTERREG, CLEAN SKY...)

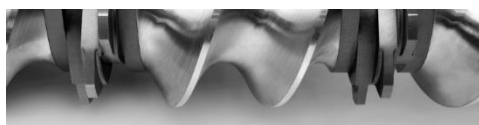
# Turning ideas into products

## From **LAB** to **PILOT** and **INDUSTRIAL SCALE**

### R&D



**Formulation and synthesis**



**Extrusion, compounding**



**3D printing**

**Lifecycle analysis and ETV**



### ANALYSIS & TESTING

**Mechanical testing**

**Thermo-mechanical analysis**

**Chemical and physico-chemical analyses**

**Micro and metallographic analysis**

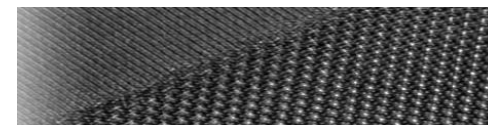
**Fire testing**

**Structural and endurance testing**

**Coatings characterization**

**Environmental testing**

### PROTOTYPING and MANUFACTURING



**Composites prototypes**



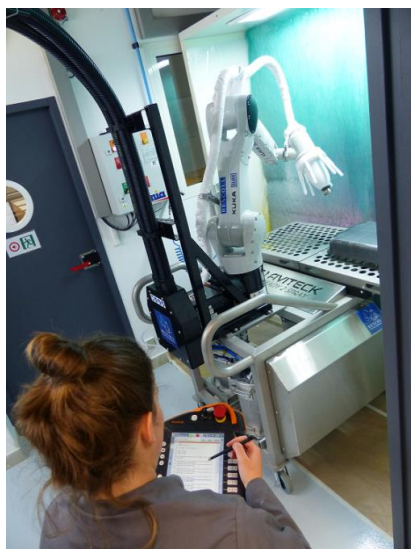
**High precision machining -  
Composites-metal assemblies**



**Dispersing**

## OITB

Lifecycle analysis and ETV



**If project related to adhesives and coatings:  
development, application and robotized pilot  
lines for product application**

## MATERIALS MODELLING

Testing



**Use case on multi-materials bonding**

**Use case on virtual testing**

# Contact details

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