

**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...)

# Expertise in relation to **ADVANCED MANUFACTURING**

## R&D

### Multi-materials assembly

Adhesives benchmarking and development  
Various functionalities (structural, conductive...)

### Disassembly

Proprietary technology for debonding on command

### Surfaces

Anticorrosion, tribological ... coatings

### Additive manufacturing

Materials formulation, finishing ...

### Testing

### Evaluation of environmental performances

Lifecycle Analysis (LCA), ETV

## Manufacturing

### Manufacturing

Scale-up from lab to pilot / semi-industrial volumes

Stilz Chimie: industrial formulator

Rescoll Manufacturing: high precision machining and composite-metal assemblies



### USE CASES

Metallic 3D printing for medical devices

Quality control robotization

Rods assembly



# Contact details

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