PLATFORM
Open access pilot plants for sustainable manufacturing of industrial scale nanocomposites.

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PROBLEM:

1. **Different properties**: composites do not conduct electricity or heat as metal does
2. **Nanotechnology (CNTs)** cannot easily be introduced into composites supply
3. **Lack of industrial scale** manufacturing of nano-enabled composites products
4. **Not sufficient quantities** are currently produced for the automotive & aerospace industry
5. **High Cost** of intermediate nano-enabled composites products, especially for SMEs
6. **Tailored solution for each application**: different chemical content, production process, etc
7. **Limited accessibility** to SME producers
3 Existing Pilot Lines for manufacturing advanced composites.

- **Cost effective** nanomaterials manufacturing.
- **Reducing the time and effort** of manufacturing tailored nano-composites: in-house R&D and engineering services.
- Common commercialisation through e-PLATFORM.
- New nano-enabled composites intermediate products with tailorable mechanical and electrical properties that are suited to the needs of SMEs and can be incorporated in their parts production.

www.nanocomposites-hub.com
Intermediate products: based on three of the most promising semi-finished products using carbon nanotubes.

R&D Services: Our engineers and specialist will deploy their R&D skills and knowledge to answer to SMEs’ needs.

Renting Facilities: SMEs will have access to any of the three pilot lines, so as to integrate the nano-enabled products in their materials, manufacturing processes and/or products.

Training: seminars and workshops devoted to those SMEs that may want to become one nano-enabled product producer.

One-stop shop for companies: Not just another composites material company.
KEY BENEFITS

We provide

**Functionalized** composites via nanotechnology:
- **Cost effective** nanomaterials manufacturing
- **Tailored Solutions**

You benefit

- **Seamless integration** in your own materials, composites manufacturing processes and/or products
- **Reducing the time and costs** for manufacturing tailored nano-composites: in-house R&D engineering and small scale manufacturing services
- **Reducing risk**: high quality of raw materials and manufacturing processes
COMPETITION

Companies offering nanotechnology related products and services:

- Small laboratories (non industrial scale)
- US well-established companies
- Companies focused on a specific nanotechnology

Unlike the competitors, e-Platform offers a holistic solution including leading technology knowhow of all promising nano-enabled technologies for composites combined with state-of-the-art R&D services and renting facilities!
COMPETITIVE ADVANTAGE

1. **One-stop shop**: from consulting, learning, renting facilities, R&D services and manufacturing of nano-enabled composites with tailored properties

2. **First company in Europe** for industrial scale manufacturing of continuous nano-enabled products

3. Faster time to market and increase competitiveness
Call for Action

Trust Our Expertise

&

Call and let us provide you with the advanced composite tailored to your needs!!!
THANK YOU!

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