

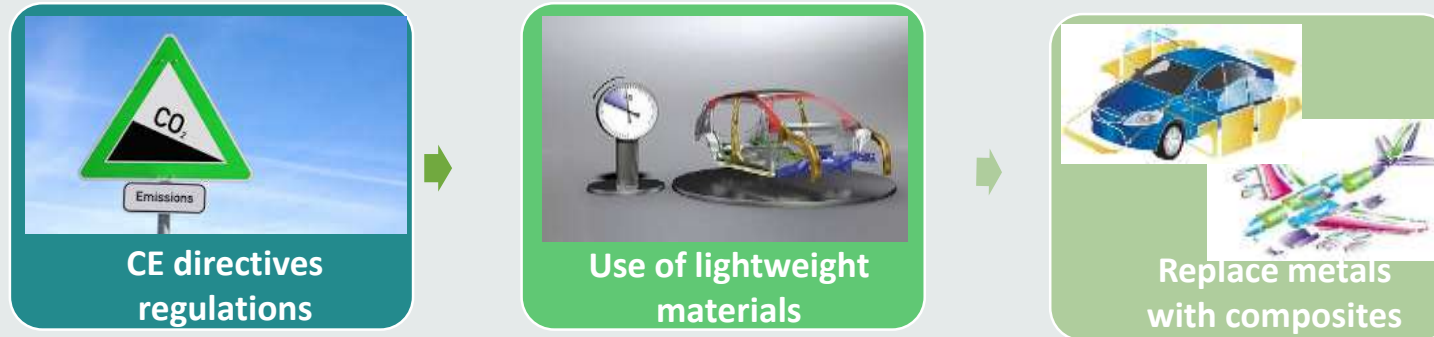


# PLATFORM

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



PLATFORM has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 646307.

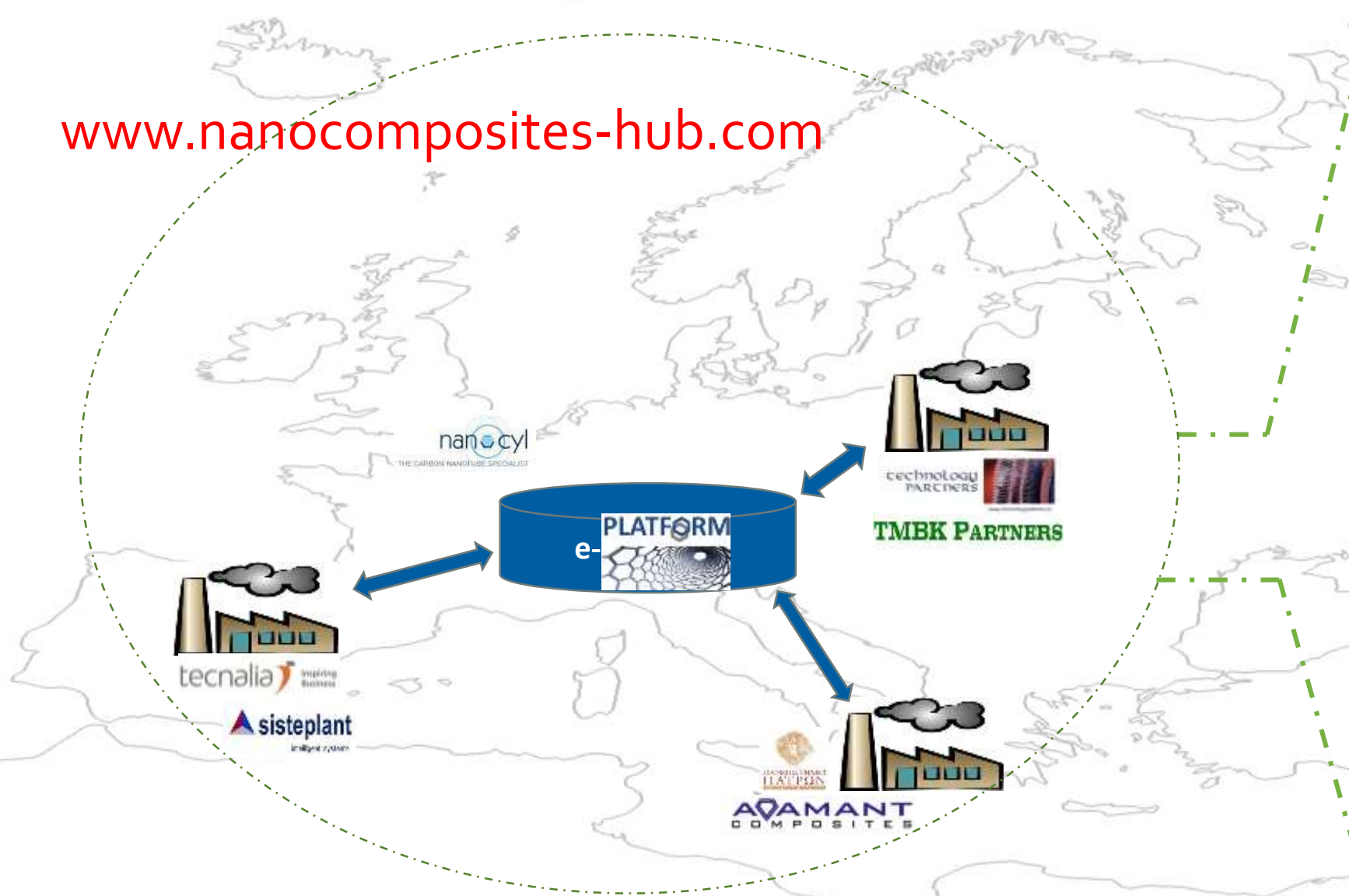


## PROBLEM:

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.

[www.nanocomposites-hub.com](http://www.nanocomposites-hub.com)



- **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.

# PLATFORM: Products & Services

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



**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

# 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

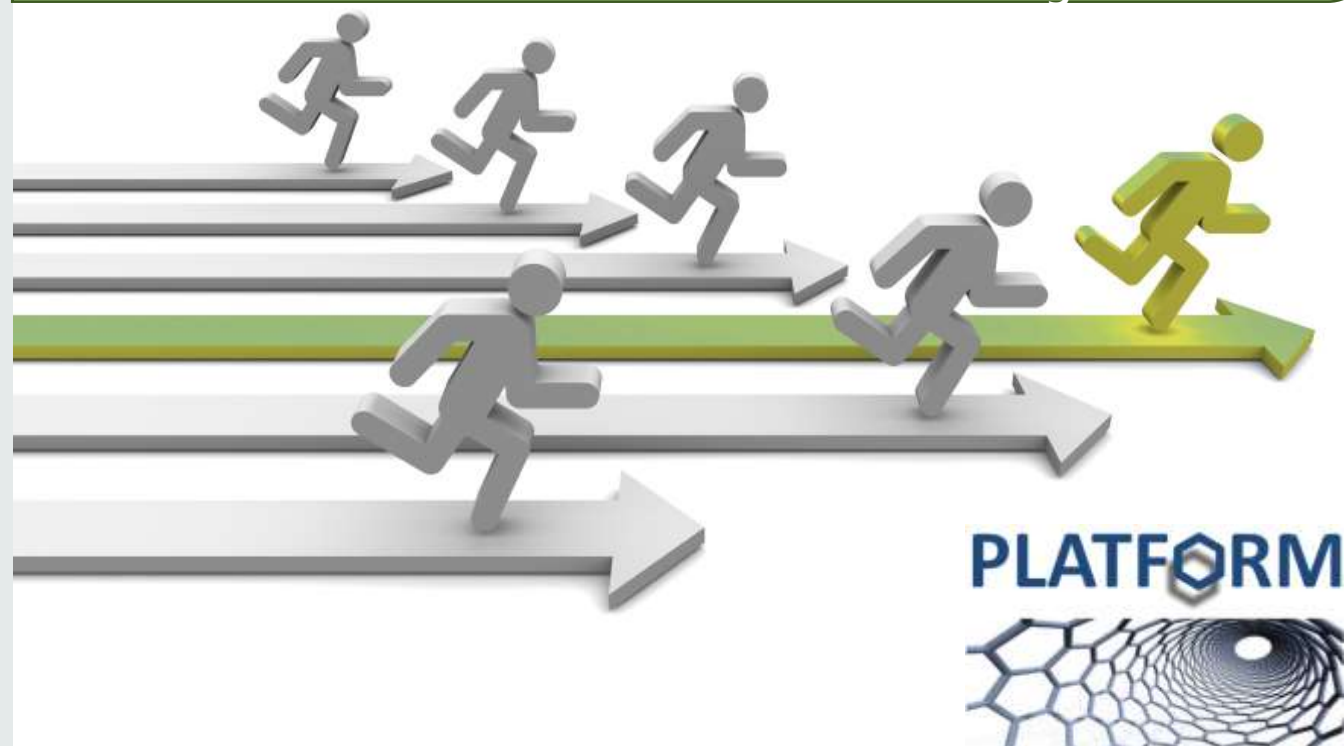


# COMPETITION

**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



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

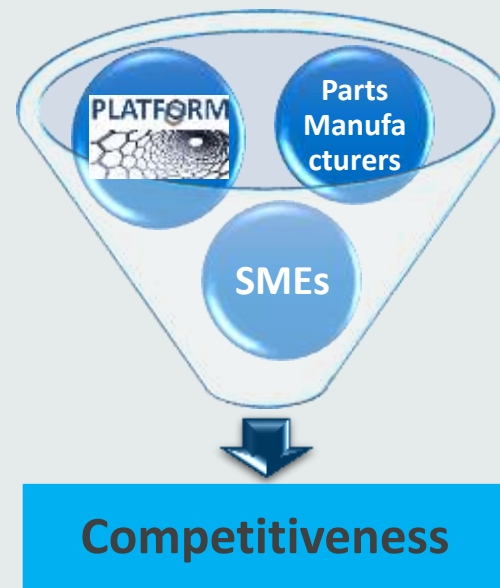


**First company in Europe** for industrial scale manufacturing of continuous nano-enabled products



**Faster time to market and increase competitiveness**

**Trust Our Expertise  
&  
Call and let us provide you with the advanced  
composite tailored to your needs!!!**





# THANK YOU!



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