OPEN INNOVATION CHALLENGE

NANOMATERIALS PROCESSES

We are looking for Innovative Technological Processes to produce High Performance Organically Modified Nanomaterials.

THE ORGANISER

This Challenge is organised by **INAM** (**Innovation Network for Advanced Materials**, www.inam.berlin), on behalf of one of our core members. This is a well known Industrial Global company on materials technology solutions, looking for new processes and technologies.

STARTUP REQUIREMENTS

- The challenge is open to any university research group, research center, startup & industries.
- You have developed an innovative and disruptive technology or a combination of existing technologies to modify the surface of materials with high efficiency.
- Your technology must be technically reproducible, and its scalability must be viable to tons level.

BRIEF

Changing solid materials behaviour through a process of surface activation is required to obtain novel materials with high efficiency and profitability.

We are looking for startups / research groups working on innovative technological processes in nanomaterials. This may include any physical or mechanical treatment that allows to increase the surface contact in order to improve the modification, v. gr. by dispersing aggregates and/or agglomerates, but without breaking the constituent particles and altering its morphology.

The final purpose would be the hydrophobization of the inorganic solid material surface. We are looking to tailor the surface properties of solid nanomaterials without changing the morphology. We are looking for physical or mechanical treatment to increase surface contact without breaking the constituent particles and altering its morphology. The technological process must also confer or boost its capability to disperse in an oil or solvent-based liquid phase.

Note: *Previous IP will be respected; if new processes in a co-development project develop, we will evaluate the distribution of the IP according to the degree of co-development and the provided knowledge. We are looking for start-ups / research groups with previous experience and knowledge in surface modification with organic substances of inorganic materials (nanomaterials).*

APPLY NOW ON F6S www.f6s.com/openinnovationchallengenanomaterials/apply

BENEFITS

- Win a long-term corporate partner
- A chance to work on a pilot project with a global materials company.
- Validate, grow and scale up your solution globally with us.
- Technical and business mentoring.
- Technical integrations for a joint proof of concept.
- Direct access to channel partners (including distributors and resellers)
- Direct investment in your Company (solution) could be evaluated (following phases)

TIMELINE

- **Applications:** 1 July - 1 Nov 2019
- **Pre-Selection:** 5 Projects will be pre-selected by the end of November 2019
- **Presentation:** 3 Finalists will be invited to the headquarters of the company in February 2020
- **Winners Announced:** April 2020

CONTACT

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