



Horizon 2020 - DIRECTORATE-GENERAL FOR RESEARCH & INNOVATION
Directorate D - Key Enabling Technologies

EU funding opportunities



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RTD.D3 - Advanced Materials and
Nanotechnologies

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TEMAS AG – PROSAFE CSA project



Emerging Technologies imply new ELSI and EHS questions

Suitability of the current regulatory framework?
(REACH/CLP, product-specific legislation)

YES but specific requirements for nanomaterials:

Definition of Nanomaterials 2011/696/EU

Revision of REACH annexes for NMs

Specific NMs requirements in Cosmetics,
Food Safety, Biocides

"Real Life"
implementation

Exploratory research: hazards, exposures, risk assessments

Regulatory Research: Validation, Adaptation or
Development of test methods

Market Support Research

FP6

FP7

H2020

Research and
Innovation

International Cooperation

- **Crucial** to address many Horizon 2020 objectives
- **Principle of general openness:** the programme will be the most open funding programme in the world
- Cooperation with the **United States** is highest priority

but funding to US partners not automatic except if ...

- ✓ Provided for in the Work Programme (e.g. Health) or
- ✓ Deemed essential for the action/ project or
- ✓ Provided for in a relevant bilateral S&T agreement or any other relevant arrangement

Several successful cases of US participation in EU projects:
Nanommune, NeuroNano, Modern, NanoSolutions, NanoMile, ...

- ***Project level cooperation:***

- "International Consortia": independent projects sharing research agenda and having coordination mechanisms. Recent examples: NanoFASE, NanoREGII

- ***Next opportunities: WP 2016-17 (in prep)***

- Analytical techniques and tools in support of nanomaterial risk assessment
- Promoting safe innovation through global consolidation and networking of nanosafety centres and strengthening the European nanosafety
- Framework and strategies for nanomaterial characterisation, classification, grouping and read-across for risk analysis
- Advanced and realistic models and assays for nanomaterial hazard assessment

- ***Project level cooperation:***

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- ***Program-level cooperation:***

With government departments and funding agencies

- Joint call (joint evaluation and selection procedures to be agreed upon) – "single" or "twinned" projects
- Coordinated/synchronized calls & ex-post cooperation
- Joint calls through Era-Net or CSA projects:
 - SIINN 3rd call for research proposals with NSF, CPSC & NIEHS
 - PROSAFE