



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

# **EU funding opportunities**

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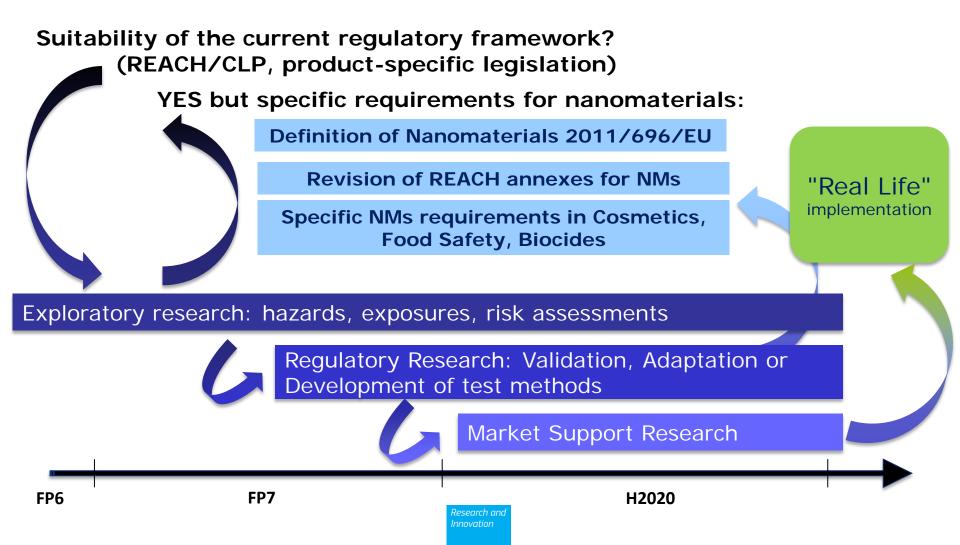
RTD.D3 - Advanced Materials and Nanotechnologies

Karl HOEHENER TEMAS AG – PROSAFE CSA project

Research and Innovation



#### **Emerging Technologies imply new ELSI and EHS questions**





## **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:

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

#### • 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 3<sup>rd</sup> call for research proposals with NSF, CPSC & NIEHS
  - PROSAFE

