



# Major scientific achievements of the EU-NSC in the past 5 years

Coordination team

ÉVA VALSAMI-JONES

ANDREAS FALK

FLEMMING CASSEE

ANASTASIOS PAPADIAMANTIS

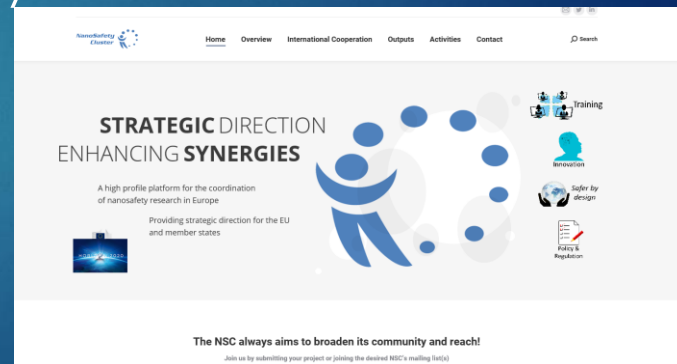


# The Nanosafety Cluster (NSC)

2

The NSC is an initiative of the European Commission Directorate-General for Research and Innovation, which sponsors research in nanosafety. Established Budapest (Hu) 2010

- ▶ The NSC aims to maximise **synergies** between European-level projects addressing the safety of NMs and technologies.
- ▶ **Topics:** toxicology, ecotoxicology, exposure assessment, mechanisms of interaction, risk assessment, standardisation and governance.



# The Nanosafety Cluster (NSC)

3

The NSC functions as a high profile platform for

- ▶ coordination of nanosafety research in Europe,
- ▶ providing strategic direction for the EU and member states,
- ▶ enhancing synergies between running and newly starting projects
- ▶ preserving the outputs and data from ended projects, and
- ▶ integrating and synthesising nanosafety knowledge to provide a unified message to stakeholders including regulators, industry and civil society.

# Internationalisation @ the NSC

4

- ▶ Enhancing Global Partnerships
- ▶ Tackling big issues
- ▶ Open to the world

SCIENCE WITHOUT BORDERS

# Internationalisation in practice

5

The NSC ensures:

- ▶ International partner participation in projects
- ▶ International activities
- ▶ Participation in committees, task forces, WGs and webinars.

# Special activities/opportunities for international participants

6

- ▶ Scientific missions
- ▶ Task forces
- ▶ Meetings (annual and ad hoc)
- ▶ Roadmaps
- ▶ Workshop/training school
- ▶ Malta Initiative
- ▶ Newsletter
- ▶ Website
- ▶ EU-Asia-Dialogue on NanoSafety

# Recent Scientific Missions

7

- Mexico Jan 2019
- USA BILAT meeting March 2019
- Connection with Asian Nano forum (clustering with South Korea, Japan, Thailand, Iran etc)
- EU-US Communities of Research (virtually in 2020)

# Realising international ideas

8

- A common platform for “sharing scientific data”  
– an idea from the first dialogue event
- Creating common ground on standards
- Starting and maintaining the harmonisation and knowledge exchange on social dialogue and risk governance
- Sharing tips on Governance and guideline development



# The Nanosafety Cluster (NSC)

9



Support, educate, represent the NanoSafety Community.

## International cooperation

**us - eu**  
bridging nanoEHS research efforts

**EU-US Communities  
of Research**

[Bridging nanotechnology  
environmental health and safety  
\(nanoEHS\) research.](#)



**H2020 International  
Cooperations**

[The NSC is open to the world  
and actively looking for  
international partners.](#)



**EU nanosafety  
delegations**

[Advancing nanosafety and  
nanomedicine research and  
promoting global  
collaborations.](#)



**The Malta Initiative**

[Updating the OECD guidelines](#)



**Regulations, risk  
governance and  
standardisation**

[Close collaboration with EU and  
global agencies.](#)

<https://www.nanosafetycluster.eu/>

# The Nanosafety Cluster (NSC)

10

## NSC annual meeting @ NanoSafe - 16&23/11/2020

MONDAY NOVEMBER 16 <sup>th</sup>	TUESDAY NOVEMBER 17 <sup>th</sup>	WEDNESDAY NOVEMBER 18 <sup>th</sup>	THURSDAY NOVEMBER 19 <sup>th</sup>	FRIDAY NOVEMBER 20 <sup>th</sup>	MONDAY NOVEMBER 23 <sup>rd</sup>
Online poster exhibition Online recorded oral presentations					
<b>NanoSafetyCluster</b> <ul style="list-style-type: none"><li>• Thematic session I</li><li>• Thematic session II</li><li>• NSC General Assembly</li><li>• Thematic session III</li></ul>	13h00 - 13h30 <b>Opening Ceremony</b>	12h00 - 13h30 Panel discussion 1		13h30 - 15h00 Selected Poster Pitches	<b>NanoSafetyCluster</b> <ul style="list-style-type: none"><li>• Project training activities</li></ul>
	14h00 - 15h00 <b>NANOSAFE</b> Live Plenary Lectures				
	15h30 - 17h00 Parallel voice-chat sessions to discuss uploaded presentations Topics 1, 2, 3 & 4	Topics 2, 4, 5 & 7	Topics 2, 3, 6 & 8	Panel discussion 2	
	17h30 - 18h00 Exhibition I Sponsor live Interactive session		Exhibition II Sponsor live Interactive session	Awards & closing remarks	

THANK YOU!