

Save the date!

## FROM NANO RISK MANAGEMENT TO INNOVATION GOVERNANCE

Developing state of the art, reliable and trustable,  
governance models and tools for nanomaterials

### Benefits for participating in the dialogue event

A multi-stakeholder dialogue to build trust and ensure a responsive and responsible innovation risk governance of nanomaterials and nano-enabled products.

A forum for bridging activities of the large EU-funded research projects **SUN** and **caLIBRAtE**, designed to foster progression of risk assessment and management and facilitate decision-making in this field.

A unique opportunity to:

- Engage in a dialogue on needs, priorities and views on managing risks in the innovation, launch, and post marketing monitoring process
- Have the chance to know state of the art achievements on models and tools for risk management
- Contribute to the development of future risk governance integrated systems

### Who should attend?

- Large companies
- SMEs
- Researchers
- Insurers
- Regulators
- Workers & Consumers
- ..and other stakeholders

### Venue

Venice, Italy

March 2-3, 2017

1<sup>st</sup> Day: 13.00-18.00,

2<sup>nd</sup> Day: 8.30-11.45

[nanocalibrate.eu](http://nanocalibrate.eu) | [sun-fp7.eu](http://sun-fp7.eu)



# From nano risk management to innovation governance: Developing state of the art, reliable and trustable, governance models and tools for nanomaterials

2<sup>nd</sup> - 3<sup>rd</sup> March, 2017

Cultural Center Don Orione Artigianelli  
Venice, Italy

Nanomaterials and nano-related applications have caused public concern and challenged conventional approaches for risk assessment and management. This has impaired clear risk communication and risk transfer. Consequently, the trust in risk governance of manufactured nanomaterials has dropped and even more so in regards to innovation risk governance.

While the regulatory frameworks are currently being revised to better suit nanomaterials, the supporting models and assessment methods still needs to be documented and taken up by the regulatory system. Moreover, on-going developments and convergence with other enabling technologies will likely pose new and even more complex challenges, which are not considered well today.

Developing and having access to **reliable, tailored and up-to-date tools for evaluation and prioritization of the risks posed by production, use and disposal of nanomaterials**, in a context that might imply high uncertainty, is therefore essential for anyone involved in taking decisions on these technologies, particularly in the business and insurance sectors.

A comprehensive Risk Governance (RG) framework and tools to equip different stakeholders (e.g. business operators, researchers, regulators, insurers) to facilitate their risk management and transfer decisions is necessary, also to overcome a possible hindrance to innovation.

This workshop will provide a forum for bridging activities of the large EU-funded research projects **SUN** and **caLIBRAte**, designed to foster progression of risk assessment and management towards risk governance, through integration of traditional and new models routed in physical science and approaches from social science and related disciplines.

A **multi-stakeholder dialogue** amongst actors *involved* and *influenced* by these risks has been enacted by these projects to inform the design of a Systems-of-Systems framework, which will be based on calibrated and/or performance tested risk assessment and management models and tools.

The overarching scope is to ensure future responsive and responsible innovation risk governance of nanomaterials and nano-enabled products.

The event aims to engage stakeholders to:

- Discuss **stakeholders' needs, priorities and views on managing risks** in the innovation, launch, and post marketing monitoring process
- Present **state of the art achievements on nano-risk governance**, basing on the aims of the caLIBRAte and outcomes of the concluding SUN project
- Explore the **SUN decision support system** for risk –benefit evaluation and management
- Contribute to define the criteria and function of the **future caLIBRAte Systems of Systems** risk governance framework

The workshop will deliver an overview of different activities in the USA and EU that have led to developing frameworks and tools for risk governance of nanotechnologies. One of these approaches is the risk-benefit decision support system of the SUN project (i.e. SUNDS), which will be presented and discussed in the context of the risk governance framework under development in the caLIBRAte project.

#### Key questions addressed:

What are the most updated models for decision-making, risk appraisal and risk transfer? What are the experience, needs and priorities of stakeholders in this field? How these tools can be calibrated and validated? How future innovation governance approaches should look like?

#### Stakeholders groups:

Research, industry, regulatory bodies, insurance, consumers, workers and other civil society organizations, other organization involved in R&D, production, marketing, use, inspection, insurance, communication and decision-making on nanomaterials and nano-related products.

#### Venue:

March 2-3, 2017, Cultural Center Don Orione Artigianelli, Venice, Italy

The workshop will be held within the SRA Policy Forum Risk Governance for Key Enabling Technologies

#### Registration

A limited number of invitations are available upon request to the workshop organizers (deadline for invitation requests: **February 10, 2017**).

#### Information on the workshop/projects:

Calibrate (calibrate@nrcwe.dk), SUN (s.stoycheva@thereachcentre.com)

[nanocalibrate.eu](http://nanocalibrate.eu) | [sun-fp7.eu](http://sun-fp7.eu)

