

Pre-NSC we had



- Coordination Action
- Annual Conference
- Training schools
- Workshops
- Newsletters
- Reports
- Stakeholder involvement

NanolImpactNet Training school for young researchers Bratislava, 19 to 23 July 2010

Topics: A) Environmental fate and behavior of nanomaterials B) Risk assessment methodologies

Scope
Environmental fate and behaviour of nanomaterials: Much effort has recently been put into toxicological research of nanomaterials. However, the environmental fate and behaviour of engineered nanomaterials are equally important to risk assessment. It is less studied leaving an important knowledge gap in the fields of e.g. transport pathways, distribution, degradation and transformation of engineered nanomaterials in the environment. This training school will provide an update on the present state of knowledge in environmental fate and behaviour of engineered nanomaterials and enable the participants to actively contribute to the ongoing scientific discussions currently taking place in this area.

Aim
Assessment of nanomaterials: This training school will provide an update on the present state of knowledge in risk assessment of engineered nanomaterials and give the participants the opportunity to actively contribute to ongoing scientific discussions. It will start with the basic principles of risk assessment to then focus on issues important for the development of a framework for risk assessment of nanomaterials. Participants will obtain an overview on newly gained insights for integration of exposure estimation, life cycle analysis, and hazard assessment with both human and ecotoxicological data necessary in the development of risk assessment methodologies adequate for nanomaterials.

Cost
There is no registration fee for academic participants. Non-academics: 200 EUR per day for course and materials. For housing and travel, a limited number of travel grants will be available. (Terms & conditions apply)

Training days at a glance

Venue:
Slovak Medical University, Bratislava, Slovakia

Schedule:
Monday 19 - Wednesday 21 July 2010
Environmental fate and behaviour of engineered nanoparticles

Wednesday pm 21 - Friday 23 July 2010
Risk Assessment of nanomaterials

Dates:
10 May 2010 Registration opens
9 July 2010 Registration closes

Scientific committee
Katarina Volkova, SZU, SK
Anders Bawn, DTU, DK
Cees de Maat, RIVM, NL
Stuart Dobson, STWV, NL
Dik van de Meer, RIVM, NL
Stig Olafsen, DTU, DK
Rita A. Oliveira, INL, NO
Teresa Fernandez, INL, UK
Karen Tiede, FEBS, UK

Host
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Registration
Download registration form on www.nanolimpactnet.eu and send it by e-mail to registration@nanolimpactnet.eu

The European Network on the Health and Environmental Impact of Nanomaterials **NanolImpactNet**

NanolImpactNet Scientific Protocol
Exposure of Rainbow Trout to Single Walled Carbon Nanotubes

Written by:
Catherine J. Smith, Benjamin J. Shaw and Richard D. Handy.
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The European Network on the Health and Environmental Impact of Nanomaterials **NanolImpactNet**

Abstract Book

1st NanolImpactNet Conference
For a healthy environment in a future with nanotechnology
Lausanne, Switzerland
23-27 March 2009

Hosted by the Institute for Work and Health, Lausanne, Switzerland

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The European Network on the Health and Environmental Impact of Nanomaterials **NanolImpactNet**

D2.9 Final Report on the Hazards and Fate of Nanomaterials in the Environment

Teresa F. Fernandez (HWW), Bernd Nowack (EMPA), Anders Bawn (DTU), Dik van de Meer (Radboud University Nijmegen), Wilco Pagenberg (Leiden University), Neza van den Brink (Altera), Richard Handy (USP), Vicki Stone (HWW)

Reviewed by Flemming Cassee
24 May 2012

Approved by the Management Committee on Wednesday 4th July 2012.
Deliverable 2.9 under the European Commission's Seventh Framework Programme, NMP4-CA-2008-218539, Grant Agreement 218539 for Project NanolImpactNet

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European Commission's Seventh Framework Programme,
94 Grant Agreement 218539 for Project NanolImpactNet



Scope

- Nanosafety Cluster creates a scientific basis to ensure the safe and responsible development of engineered nanoparticles and nanotechnology-based materials and products, and supports the definition of regulatory measures and implementation of legislation in Europe.
- Nanosafety Cluster focus on a strong two-way communication to ensure efficient dissemination of information to stakeholders and the European Commission, while at the same time obtaining input from the stakeholders about their needs and concerns.

Observations

- Some unfunded activities like Research strategy and roadmaps but progress is slow
- Activity level in WGs a very low
 - (perceived) voluntary tasks with low priority
 - no credits for action
 - no tools to monitor desired contribution
 - interaction among WGs virtually absent
- Expectations for attendance at cluster meetings is unclear
 - The cost and time involved in attending all of the cluster meetings as well as project meetings, dissemination activities and other work commitments is prohibitive for many.

How can this be improved?

- Define specific tasks
- Reduce the size of tasks to a more manageable size that can be achieved in a shorter time frame.
- These tasks should focus on bringing together information from existing and past projects to make cross project observations and comparisons rather than initiating new topics.
- Larger activities need to be funded in a competitive manner or conducted via a focused and funded workshop.
- DG R&I to 'check' contribution of projects/partners and award this

Future of the NSC

- Discontinue **WGs** (and only keep **CoRs**) and establish ad hoc **task forces** for addressing specific questions or needs (more recent WGs can become **TF**).
- NSC can be lead by a **steering group**
 - Members with different background, rotating membership
 - Funded secretarial and organizational support (incl funding running projects) also for Newsletters and website. RIVM willing to lead provided plan & funding.
- Integrating conferences/workshops/training schools
 - Focus on industrially relevant problems and try to have a fluid dialogue among the different actors in the nanotechnology/safety community and the general public.
- Act as reference in nanosafety and lead the research and dissemination activities in the continent.
 - E.g. the knowledge hub to answer pressing questions
 - Keep tools alive and deliverables and up to date or classify as outdated
 - Align with EC4Safenano