

NSC meeting & ECHA data harmonisation workshop

18/19 October 2017 (Brussels)

Location: UoB Brussels office, 22-28 Avenue d'Auderghem/Oudergemsesteenweg
B-1040 Brussels, Belgium

The meeting will comprise of two parts: a regular NSC face to face meeting in the morning of the first day, followed by the NSC workshop on data harmonisation. The workshop will aim to bring together EU coordinators of current, recently completed and newly starting projects and other interested parties including ECHA to discuss nanosafety data. The afternoon of the first day will have project presentations on strategies (past, present, future) for data capture, storage and archiving and data formats, followed by open discussions to understand what barriers may exist in data harmonisation.

The 2nd day will involve an introduction of the consensus view from the first day, followed by a presentation from ECHA on what is expected/needed for the EUON and workshop sessions discussing the main databases currently available and how their data can be harmonised across database capture systems (including consideration of SOPs), followed by discussion on database ontology harmonisation and requirements for transfer to the EUON. The aim of the workshop will be to increase the NSC community's ability to pool data, enhance data sharing and collaborations within the NSC and facilitate future data import into ECHA's EUON.

| Wednesday 18 October 2017 | | |
|---------------------------|--------------------------------|---|
| 10:30 – 11:00 | Registration and Coffee | |
| 11:00 – 11:30 | Welcome and NSC status update | Éva Valsami-Jones: Wellcome & introduction |
| 11:30 – 11:45 | EC perspective | George Katalagarianakis |
| 11.45 – 12:00 | Survey of action plan 2017 | Flemming Cassee |
| 12:00 – 12:45 | NSC Task Force presentations | <ul style="list-style-type: none">▪ Damjana Drobne: nanoTiO₂ task force▪ Claire Skentelbery: definition of Safe-by-Design task force▪ Thomas Exner: sustainability task force▪ Wouter Fransman: data exposure and management task force▪ TBC: Andrew Nelson: ENM/protein membrane interactions task force |
| 12.45 – 13:00 | US-EU nanoinformatics roadmap* | Andrea Haase |
| 13:00 – 14:00 | Lunch | |

* The latest draft of the nanoinformatics roadmap can be accessed by clicking this [link](https://docs.google.com/document/d/1sIS9uJOMIBTpG3AI22uElcRLiuozv8V0cNUkt84abck/edit). If the link is not working please copy and paste the following into your browser:
<https://docs.google.com/document/d/1sIS9uJOMIBTpG3AI22uElcRLiuozv8V0cNUkt84abck/edit>

| Wednesday 18 October 2017 (Continued) | | |
|---------------------------------------|---|--|
| 13:45-14:00 | Aims of workshop | NSC coordination team |
| 14:00-15:30 | Individual projects database structure presentations: | |
| | <ul style="list-style-type: none"> ▪ Completed projects legacy | <ul style="list-style-type: none"> ▪ NanoMILE (Iseult Lynch) ▪ NANOREG 2 (Nina Jeliaskova) ▪ NanoSolutions (Peter Ritchie) ▪ SUN (Danail Hristozov) ▪ GuideNano (Soco Vázquez-Campos) ▪ eNanoMapper (Thomas Exner) ▪ NaNoREG (Thomas Exner) |
| | <ul style="list-style-type: none"> ▪ Ongoing projects plans | <ul style="list-style-type: none"> ▪ OpenRiskNet (Thomas Exner) ▪ ACEnano (E. Valsami-Jones) ▪ CaLIBRAte (Martine Bakker) ▪ HISENTS (TBC) ▪ EC4SafeNano (TBC) ▪ NanoGenTools (TBC) ▪ NECOMADA (Neville Slack) ▪ EU-US Data Harmonisation initiative: CEINT NanoInformatics Knowledge Commons (Camille de Garidel) ▪ NanoFASE (Iseult Lynch) |
| | <ul style="list-style-type: none"> ▪ Newly starting projects plans | <ul style="list-style-type: none"> ▪ NanoCommons (Iseult Lynch) ▪ GRACIOUS (Danail Hristozov, Nina Jeliaskova) ▪ PATROLS (Peter Ritchie) |
| 15:30-17:00 | Open discussion on barriers to harmonisation | All |
| 17:00-17:30 | Consensus proposal | NSC coordination team |

| Thursday 19 October 2017 | | |
|--------------------------|--|---|
| 8.30 – 9.00 am | Registration and Coffee | |
| 9.00 – 10.00 | Summary of previous days consensus | NSC coordination team |
| 10:00-11:00 | <p>The EUON: collaboration with the NSC</p> <p>General aims and future of the observatory, how the EUON plans to use data from research projects. Nanomaterials registration and description in a regulatory context.</p> | Abdel Sumrein, ECHA |
| 11:00-12:30 | <p>Breakout sessions: parallel sessions chaired by NSC coordination team member</p> <p>Practical examples, considerations of individual descriptors, role of SOPs</p> | Number of breakouts TBC, each group chaired by coordination team member, to facilitate discussions; ECHA team likely to “float” between groups. |
| 12.30 - 13.30 | Lunch | |
| 13:30-15:30 | <p>Breakout sessions: parallel sessions chaired by NSC coordination team member</p> <p>Roundtable group discussions of data formats, opportunities and difficulties in data harmonisation</p> | As above |
| 15.30-16:00 | <p>Breakout session reports back</p> <p>10 minutes per group</p> | Rapporteurs |
| 16:00-16:30 | Concluding remarks and decisions for way forward | NSC coordination team/ECHA |