

NSC Databases Working Group (WG4) Teleconference

14th January 2014

<http://www.nanosafetycluster.eu/working-groups/4-database-wg.html>

Agenda

1. Antalya + deliverable / year plan
2. Syracuse , Oct 2014
3. eNanoMapper
4. running tasks
5. possible ideas
6. announcements / info / etc

Present

- Barry Hardy (BH)
- Axel Mustad (AM) – joined towards the end
- Christoffer Aberg (CA)
- David Vorgrimmmler
- Egon Willighagen (EW)
- Janna Hastings (JH)
- Marco Monopoli
- Micha Rautenberg
- Nina Jeliaskova (NJ)
- Pekka Kohonen (PK)
- Hubert Rauscher (HR)
- Richard Marchese Robinson (RMR)
- Andrea Richarz (AR)
- John Rumble (JR)

Points raised

1. Antalya NanoTox 2014

- a. WG4 obliged to present in Antalya: (1) an oral presentation, (2) a report with a specified format, (3) a “year plan”. Details will be sent to the WG4 mailing list.
- b. EW thinks that the [two tasks already agreed](#) would be reasonable to present as the deliverables for this year.
- c. When does ‘this year’ start?
- d. 10-15 minutes presentation in Antalya (per WG); EW happy to give this; he is happy for others to present their part of their task
- e. AR – mentioned the joint modelling projects (5 projects) meeting on 22nd of April
- f. BH – is organising an eNanoMapper workshop in Antalya on the 22nd of April: this will be a practical, working day and they invite open participation from the group
- g. RMR – I will ask if observers can attend the meeting of the five projects
- h. BH – observers would be useful

2. Future NSC meetings

- a. E-mail sent around to all NSC WG chairs – describing proposed future NSC meetings (details to be confirmed):
- b. October 6-10, Sicily (Syracusa)– next NSC meeting (details to be confirmed); e-mail EW with objections before next Monday morning

3. [eNanoMapper](#)

- a. Negotiations completed and the official start of eNanoMapper will be the 1st of February 2014
- b. They will be having kick-off meeting 13-4th of Feb. 2014
- c. They will be having a [hackathon](#), hosted by EW in Maastricht (with the possibility of an online link up), on the 12th of Feb. 2014: this will be a practical, working day and they invite open participation from the group
- d. They will be taking into account needs of NSC
- e. They are carrying out a [requirements analysis](#) – visiting organizations across Europe (e.g. LJMU and other institutions participating in the NSC) to gather requirements; this should happen Feb – end of Spring 2014
- f. [Requirements analysis](#) will inform a project [design plan](#) which will be written in June 2014 ([these are both key deliverables for eNanoMapper](#))
- g. eNanoMapper has strong links with [OpenTox](#) : key personnel are common to both projects.

- h. BH - The next OpenTox meeting (OpenTox Euro 2014) will continue the themes of the last OpenTox meeting (Mainz, 2013): openness, industrial applications and regulatory acceptance.
- i. BH - They are awaiting ECHA/someone else leading a session, nanosafety (NIA led) presentation in OpenTox Euro 2014 meeting, hands-on workshop activities
- j. BH - [OpenTox Euro 2014](#) - it will be 22 - 24 Sept in Athens and will include an eNanomapper/NIA sponsored/chaired nano session and hands-on workshop activity on nano applications.
- k. BH - There will also be a sister OpenTox US 2014 meeting in Baltimore Nov 18-20.
- l. eNanoMapper very keen to get feedback (needs, concerns) from WG4
- m. BH - I will travel in the States mid/end March including running a stand at the SOT in Phonix 23-26 March - we will promote approaches such as OpenTox and ToxBank and it is an opportunity to also promote the nano activities. Plus a bonus - either there or on travels - can be to connect with US initiatives etc.

4. **Quality standards/reporting standards** **task**

- a. CA - Provisional data quality list/minimum info. criteria list created, posted online
- b. CA - We are now discussing writing a white paper/journal paper based on this: CA, EW, RMR, Tomasz Puzyn volunteering to contribute to this
- c. CA - Meeting related to this initiative in December (MODENA Cost Action)
- d. EW is listed as interested in MODENA Cost Action, unable to go in December
- e. RMR will check if the MARINA templates, agreed for use in MODENA Cost Action to provide data for modellers (?), provided to him can be shared in the NSC WG4
- f. CA - An issue is that we do not manage to reach part of the community via the working group. A suggestion is that perhaps we should create a rather complete proposal NOW, but hold off with finalisation/publication. Thereby we would have something concrete to discuss with those parts of the community we do not manage to reach, and we can then update the document to reflect that discussion.
- g. CA – maybe we could try and come up with a consensus proposal in the next [CODATA](#) meeting in July 2014 (see below)?

5. **Other international meetings/projects**

- a. JR – some kind of international conference (one per year?) for all nano(safety?) related groups to meet would be very useful
- b. EW – would prefer a joint project rather than another meeting
- c. RMR - What about an online meeting - with US and EU, via CoRs...???
- d. HR – multiple CoR meetings per year (teleconference), one physical meeting per year; not yet an agreed date for the next Databases CoR online meeting – details to be provided via the mailing list/highlighted on the NSC Databases Working Group webpage
- e. JR – [CODATA](#) project developing a “[uniform description system](#)” for nanomaterials, currently [described on the CODATA website](#)
- f. JR - there will be a CODATA meeting in Paris (focused) and a broader meeting around 1st of July 2014 (in Europe)
- g. JR – contact him if interested in collaborating with CODATA
- h. <http://www.ttl.fi/senn2015>
- i. RDA: <https://rd-alliance.org/>

6. **Axel Mustad : Databases Overview**

Task

- a. Nothing new to report

7. **NSC Databases WG Tasks – general point**

- a. EW – we should all aim to contribute to these tasks, even if not listed as the contact point

8. **NSC DB WG [Ideas](#)**

- a. EW – new idea: engaging with the publishing industry regarding what data format/ontologies they would find useful
 - i. eNanoMapper engaging with GigaScience journal who have experience of collecting data in ISA-TAB format
 - ii. eNanoMapper also contacting Chemistry Central Journal, who have experience in nano
 - ii. eNanoMapper – also contacting ACS
 - iii. eNanoMapper – also contacting the Nature Publishing Group c.f. Scientific Data Initiative (Susanna Sansone, ISA-TAB developer, heavily involved)

b. AM -

Egon, for involving the publishers, consider Elsevier, maybe through Mendeley? Confirmed: Elsevier Has Bought Mendeley For \$69M-\$100M To Expand Its Open, Social Education Data Efforts

<http://techcrunch.com/2013/04/08/confirmed-elsevier-has-bought-mendeley-for-69m-100m-to-expand-open-social-education-data-efforts/>

9. Co-ordinating projects/initiatives

- a. CA – surely these discussions (5 modelling projects WGs) should be held with a wider number of projects?
- b. BH – we do not want to duplicate efforts
- c. EW – let's focus on interoperability rather than harmonising organisation of projects/initiatives

Actions

- RMR – check whether the MODENA Cost Action information/proposed data collection templates can be shared with WG4 and report back to WG4
- RMR – check whether the “5 modelling projects’ Working Groups initiative” can accept observers at its meetings and report back to WG4
- RMR – check whether the “5 modelling projects’ Working Groups initiative” can be expanded to involve other modelling projects e.g. from the broader “Nanosafety Modelling Cluster”
- EW – to forward details of the proposed WG4 reports/presentations required in Antalya to the WG4 mailing list
- EW – to forward details of the proposed NSC future meetings to the WG4 mailing list, after the details have been confirmed