

WG3 Exposure

WG-meeting report

WG3 meeting agenda

- • WG3 organizational issues
- o Looking back
 - ☒ to the Antalya presentation
 - • Subdivision human and environmental exposure
 - • Promoting WG membership and NSC website
 - • Should LCA be included?
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- o Made any progress I
- ☒ interlinkage/ collaboration between projects
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- • Examples human exposure assessment
- • Examples environmental fate (joint workshops)
- o Birmingham was great
- o FFF ICPMS just run in Vienna
- o So where next? What theme and what Project leads? Joint NanoMILE, NanoSolutions, GUIDEnano and SUN?)
- • Looking forward
- o What else is ongoing at the minute related to Exposure (e.g. OECD Categorization Meeting in DC)
- o How can/ will NSC project support Nanomaterial characterization and categorization
- o Data sharing issues
- o Method sharing and cross validation issues
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- • Website – ideas for what you would like to see here? Please let us know.
- o Our ideas includes lists of
 - ☒ project specific methods catalogues
 - ☒ copies of or links to Public deliverables related to Exposure
 - ☒ both – with contact names for more detail and to foster interlinking and collaborating

Meeting results

- WG3 meeting attendees N=3
- WG3 organisational issues
 - Explicitly differentiate Human and Environmental exposure (co-chairing)
 - Inclusion of LCA (?)(NanoSolutions, SUN,...)
 - Improve attractiveness of WG
 - Post list of activities on website
 - Organize telecons on regular basis
 - Dissemination SENN2015
 - (Personal e-mails rather than WG-group e-mails?)



Exposure issues 'progress'

- Human Exposure (and other areas)
 - Formalize between-project collaborations/ data sharing (SUN, NanoReg, Guidenano, Marina,...)
 - Exposure and other libraries/NECID database
 - Joint data generation events
 - Tuning work tasks
- Environmental Exposure
 - Joint project workshops
 - Methods & techniques

Other issues discussed

- OECD ‘grouping’ issues
 - Grouping based on Exposure scenarios
 - Need for standardized ‘functional assays’ (behavioural properties for identified systems/ exposure scenarios) e.g. various dustiness methods
- Exposure assessment
 - Recommendations for industry
 - Strategy, metrics
 - Data interpretation: decision rules/limit values
 - **Relevance of (Exposure) libraries for benchmarking (real industrial workplaces)**
- Future metric: related to functionality of material?