



NanoSafety Cluster Review (10-11/12/2014)

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Review purpose

- DG RTD turning into a “policy DG” - clustering a “new” tool
- NanoSafety in FP7: ~50 projects, 180M€ EU funding. Recurrent questions on achievements, in a still heated regulatory context
- Main target is H2020: what and how for 2015 - 2020?
 - ✧ The SRA: a first essential milestone
 - ✧ RRR and CTTM roadmaps
 - ✧ Learn from FP7 (“self-assessment”)
- Review the advances in the domain of nanosafety including fundamental and regulatory research, cross-cutting issues and research roadmaps.
- Critical assessment of FP7 contribution to state-of-the-art, including on-going road-mapping efforts, as well as newly identified challenges and issues, and future related activities.

➤ In practice:

- 10 -11 December 2014, Brussels
- Review open to all projects' coordinators (or reps), CoRs and NSC WGs chairs
- All running projects should be represented, each assigned a task. ALL projects (incl. partners) to contribute to each tasks
- Two PTAs appointed to the NSC: Daniel Breitenstein, Costas Charitidis + some support from the projects' PTAs
- Two independent external high level Reviewers to be appointed
- Tentatively: follow-up event at the European Parliament, 1st half 2015



- EU Networking and community building
- International Cooperation
- Science, shaped around the SRA
 - Nanomaterial identification and classification
 - Detection and characterisation of ENM in complex matrices

 - Exposures, transformation and life cycle
 - Hazard mechanisms, biokinetics, and vulnerable populations

 - Risk prediction and management tools
- Infrastructures, equipment, techniques and standardization
- Regulatory research
- Industry and Market impact
- Skills, training, education



- EU Networking and community building (K Savolainen, WG chairs)
- International Cooperation (CoR chairs, lead?)
- Science, shaped around the SRA
 - Nanomaterial identification and classification (FutureNanoneeds, SUN)
 - Detection and characterisation of ENM in complex matrices (Smart-nano, NanoDefine)
 - Exposures, transformation and life cycle (NanoFate, GuideNano)
 - Hazard mechanisms, biokinetics, and vulnerable populations (NanoMile, NanoSolutions)
 - Risk prediction and management tools (Marina, Modern, e-Nanomapper)
- Infrastructures, equipment, techniques and standardization (Qnano, Nanovalid, Nanostairs,)
- Regulatory research (NanoReg, V Stone)
- Industry and Market impact (Sanowork, NanoMicex, Scaffold, CCTM)
- Skills, training, education (NanoToes)

FIRST TASKS:

- Agree on the structure, and task leaders (projects and people)
- TLs to draft a set of relevant questions for distribution to projects
- Deliverable: presentation at the review meeting and publication?
- Timeline



- EU Networking and community building
- International Cooperation

- ✧ How has the networking evolved? Where do we stand?
- ✧ What is working, what is not?
- ✧ What is missing?
- ✧ infographic summarising key statistics in terms of projects (e.g. amounts in money, number of researchers employed & gender dimensions, patents / publications / citations etc.)
- ✧ Next steps? NSC commitment in Nature Nano? NSC Chart?



➤ Science, shaped around the SRA

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- ✧ State-of-the-art? Progress since SRA?
- ✧ Key contributions from NSC over last 7 years? Illustrate with key publications?
- ✧ Next Priorities? Does SRA need specific revision?



- Infrastructures, equipment, techniques and standardization
 - ✧ What have we learned from QNano?
 - ✧ What are infrastructure needs today?
 - ✧ What about protocols and techniques? Eg dispersion issues
 - ✧ What are the new available equipments? What is needed?
 - ✧ How effective are we with standardization? Can it be improved? ; number of standards, workshop items?
- Regulatory research
- Industry and Market impact
 - ✧ Roadmaps, how are the links with industry and regulators? Should it improve? How should it evolve?
- Skills, training, education
 - ✧ What actions have taken place? What should be done?
 - ✧ infographic summarising key statistics; numbers of PhD students trained, trainings and trainees, ...

YOUR COMMENTS?

