

#### Promoting the Implementation of Safe by Design

### Joint document

# Tom van Teunenbroek Coordinator ProSafe

November 2015



# **S** Main aim of ProSafe:

- Solution Present a way forward to reduce the uncertainties regarding nanosafety in such a way that:
- the innovation potential of nanotechnology can be fully exploited
- while at the same time unacceptable risks for human health and the environment can be avoided.





- Strengthen the NANoREG project:
  - additional data, expertise and capacity
  - extending the platform of support
- Foresight study: what will come in the next 3-10 years regarding product development and risk management.
- Establishing standard approaches for (EHS) data management.
- Further elaboration of the NANoREG safe innovation and safe-by-design concept





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EU Policy oriented document with recommendations for regulators and policymakers for short and long term on the assessment of nanomaterials

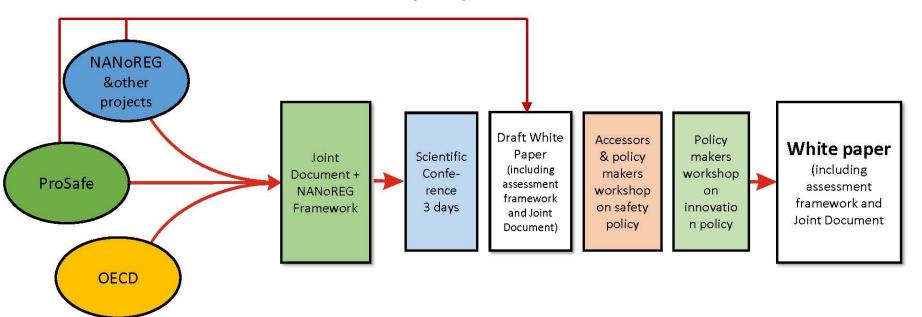
- Relevant for Industry
- Assessment framework and accompanying instruments for the short and the long term
- Safe Innovation/Safe by design for the long term (product-safety assurance)





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### White Paper process

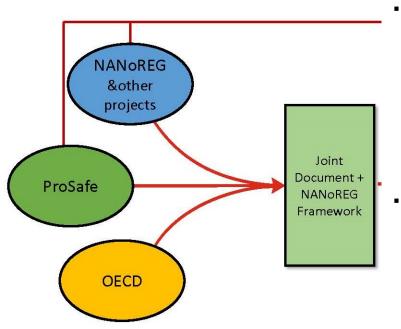






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#### Joint Document:

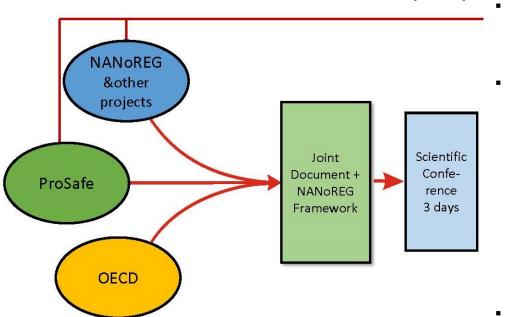


Review of results, protocols, guidance documents of NANoREG and other projects by Task Force chaired by Klaus Steinhauser and Phill Sayer relevant themes such as grouping, read across, characterisation, toxicity, environmental fate, ecotoxicity, exposure, waiving



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#### Scientific Conference



- 3 day event; co-organised by OECD; November 2016
- relevant themes such as grouping, read across, characterisation, toxicity, environmental fate, ecotoxicity, exposure, waiving
- Input: Joint Document + NANoREG framework



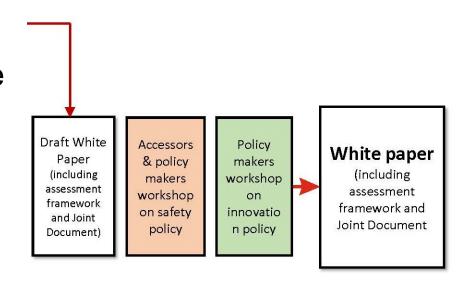


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# Draft White paper

## Input:

- Results scientific conference
- Results PS foresight study
- Results PS data management
- Results NR/PS/NR2Safe by Design
- Other relevant results NR



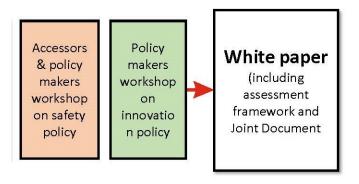




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# Workshops:

- On safety policy (accessors and policymakers)
- On innovation policy (policy makers)



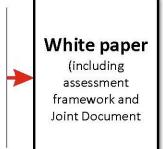




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# White Paper Elements

- Analysis of present situation
- Recommendations for policy framework
- Recommendations for Assessment framework: -
  - for "classic nanomaterials". Basis will be the NANoREG Framework and the Joint Document
  - for "novel nanomaterials (for the long term)
    Based on NR/PS results SbD/Safe Innovation







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## Planning:

- 04/2016 Results NR and other projects available
- 09/2016 Joint Document and NR Framework
- 11/2016 Scientific Conference
- 01/2017 Workshops on safety policy and innovation policy with accessors and regulators
- . 02/2017 White Paper
- Development draft White Paper: ongoing activity already started.

