



The EU NanoSafety Cluster maximises the synergies between European-level projects addressing the safety of materials and technologies enabled by the use of nanoparticles. The studied aspects include toxicology, ecotoxicology, exposure assessment, mechanisms of interaction, risk assessment and standardisation.

The Cluster is an initiative of the European Commission Directorate-General for Research and Innovation (DG RTD), which sponsors these large projects. Overall, Europe targets safe and sustainable nanomaterials and nanotechnology innovations. Cluster projects contribute to assuring environmental health and safety (EHS) of this Key Enabling Technology. The Cluster also is an open platform for dialogue and exchange, bringing together researchers, regulators, administrators, industry, and civil society representatives. Synergy among these projects, collaboration for maximising impact, policy elaboration, planning of future actions, and international cooperation are the main aims of the NanoSafety cluster, projects and stakeholders open forum.

The main objectives of the NanoSafety cluster are:

- To facilitate the formation of a consensus on nanotoxicology in Europe
- To provide a single voice for discussions with external bodies
- To avoid duplicating work and improve efficiency
- To improve the coherence of nanotoxicology studies and harmonize methods
- To provide a forum for discussion, problem solving and planning R&D activities in Europe
- To provide industrial stakeholders and the general public with appropriate knowledge on the risks of nanoparticles and nanomaterials for human health and the environment.

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