

Risk Governance of Nanomaterials

3 European Projects Working Together

The Challenge:

Nanotechnology impacts a broad range of industries and applications. Yet, the interaction of engineered nanomaterials with the living environment is complex and is marked by uncertainty and ambiguity. As a result, there is an urgent need to develop appropriate governance structures, to ensure the trust of all stakeholders.

The Approach:

Three large independent European projects are collaborating in this endeavour:

- RiskGONE
- Gov4Nano
- NANORIGO

The partners involved have a long history of research to understand the impacts of nanomaterials on human health and the environment, and have participated in all major European and National projects dealing with these topics.

This ensures a strong and comprehensive knowledge base and engagement with all key stakeholders



- €8.6M budget
- 01/19 to 12/22
- 32 partners
- 15 countries
- Coordinated by RIVM (NL)
- Grant agreement No. 814401



- €4.7M budget
- 01/19 to 02/23
- 28 partners
- 14 countries
- Coordinated by Aarhus (DK)
- Grant agreement No. 814530



- €5M budget
- 01/19 to 02/23
- 22 partners
- 17 countries
- Coordinated by NILU (NO)
- Grant agreement No. 814425

The Expected Outcomes:

- A **NanoSafety Governance Portal** (NSGP) built on sound scientific data and informatics tools, that are validated, standardized, progressive and accessible to stakeholders.
- An operational, trans-disciplinary **Nanotechnology Risk Governance Framework** (NRGF) that integrates exposure, hazard and risk assessment tools with those assessing ethical, legal, social, and environmental aspects, and further supports responsible research and innovation (RRI).
- A sustainable **European Nanotechnology Risk Governance Council** (NRGC) that implements the NRGF and engages with all stakeholders in a proactive, participative and transparent manner – a ‘trusted environment’ – to address new issues as they may arise.



NANORIGO, RiskGONE and Gov4Nano have each received funding under the European Union’s Horizon 2020 Research and Innovation Programme