

## FAST FACTS

**Duration:**

36 Months

**Completion Date:**

September 2019

**Total Funding:**

€10 Million

**Partners:**

42 across 15+ countries

**Objective:**

Establish Safe by Design as a fundamental pillar in the development of nanomaterials or nano-enabled products

**Outcomes:**

- Nanomaterial grouping strategy
- Associated integrated testing strategy

**Learn More:**

NanoReg2.eu

## NanoReg2 Project Update

The NanoReg2 project has been busy for the last few months developing the safe innovation approach (SIA) and safe-by-design (SbD) concepts that are central to the project. The first issue of the SIA Toolbox is now available in beta version for people to use and feedback on this is very welcome. The value chain demonstrators being run within the seven industry partners of the project are all progressing and using many of these tools to help with their implementation of SbD.

As the project progresses into its final year, the first results of the project are starting to emerge. In the next newsletter, the project's final event will be launched, so keep an eye out for that news! In the meantime, NanoReg2 will be represented at a number of key events during the year.

## NanoReg2 releases beta version of the Safe Innovation Approach Toolbox

NanoReg2 has now released a beta version of the Safe Innovation Approach (SIA) Toolbox. The SIA concept that has been developed within NanoReg2 brings together safe-by-design (SbD) and regulatory preparedness (RP) to help address safety of nanomaterials in their design, production and use. An introduction to the SIA concept can be found on the project website in video form (<http://nanoreg2.eu/nanoreg2-video-explains-safe-innovation-approach>).

To support the implementation of SIA, a toolbox has been developed with NanoReg2. It provides a set of tools, guidelines and checklists that can be used along the whole value chain by stakeholders. The tools within this toolbox are all specifically designed or applicable to nanomaterials.

To learn more about the toolbox and to access it, see the beta site: [http://www.rivm.nl/en/About\\_RIVM/Mission\\_and\\_strategy/International\\_Affairs/International\\_Projects/Horizon\\_2020\\_projects/NANOREGII/Safe\\_Innovation\\_Approach\\_Toolbox](http://www.rivm.nl/en/About_RIVM/Mission_and_strategy/International_Affairs/International_Projects/Horizon_2020_projects/NANOREGII/Safe_Innovation_Approach_Toolbox)

Feedback on the toolbox can be provided to [cornelle.noorlander@rivm.nl](mailto:cornelle.noorlander@rivm.nl).



## Where to Meet NanoReg2 During 2018

The NanoReg2 project presented itself within the 6th annual EU-Korea NanoWorkshop, hosted in Brussels on January 16.

- A Korea delegation including the Ministry of Science and ICT and the National Nanotechnology Centre presented updates on items including:
- National Nanotechnology Initiative Programme of Korea,
- Activities from the Centre for Nanosafety Metrology,
- High throughput screening for toxicity using 3D cells,
- predictability of mixture toxicity from engineered particles,
- Korean government plan for enhancing data driven materials research in Korea and
- machine learning prediction prediction of electronic properties for double perovskites

The EU delegation, presented project outcomes and collaboration potential. For NanoReg2, there was significant interest in Safe by Design collaboration, particularly from a standards perspective and the project will discuss directly how SbD principles might apply within Korean standards and certification planning.

NanoReg2 and some of its partners will be at the following events this year. This is a good opportunity for you to learn more about the project and meet some of the partners.

- February 22 (Brussels, Belgium) European Industry Days
- March 13-15 (Bilbao, Spain) ImagineNano
- May 13-17 (Rome, Italy) SETAC
- June 2-21 (Cologne, Germany) Chemspec
- September 2-5 (Brussels, Belgium) EuroTox
- November 5-9 (Grenoble, France) NanoSAFE 2018

## Working with NanoReg2

The NanoReg2 project has started to produce results in the form of publications and presentations. However, there are also other opportunities for people to engage with the project, including industry, research organisations, regulatory authorities and governmental bodies. NanoReg2 seeks to establish liaisons to share data, train stakeholders in NanoReg2 safe-by-design tools or with industry who would like to use the standard operating procedures being developed in the project. Horizon2020 projects that would wish to implement the safe innovation approaches and safe-by-design concepts developed in NanoReg2 are also invited to come forward to establish a formal liaison and receive support. To learn more about how to establish a liaison with NanoReg2 contact Andreas Halbleib (Andreas.Halbleib@temas.ch).

## Follow Our Progress

We look forward to keeping you up to date on our activities throughout the life of this project. Hearing your feedback will be essential for our project to achieve our goals and produce outcomes that can be used by both the public and private sectors.

If you have any questions or comments at all, please contact us at [ProjectOffice@NanoReg2.eu](mailto:ProjectOffice@NanoReg2.eu), or if you would like to sign up for our mailing list please visit our Website at [NanoReg2.eu](http://NanoReg2.eu).