



NanoInformaTIX press release

The application of nanotechnology offers considerable advantages to consumer products and industrial processes in several sectors from medicine to construction, textile, transportation, information technology, energy, food safety and many more. Yet, predicting the risk posed by a product containing engineered nanomaterials (ENM) is still challenging, despite the considerable amount of data from experimental studies on their (eco-)toxicity.

NanoInformaTIX is the newly started EU-funded project focused on the creation of a web-based platform as a comprehensive, multiscale modeling framework for risk management of ENM in industrial manufacturing. The new tool will be based on the significant amounts of data on physico-chemical and toxicological and ecotoxicological properties of ENM generated over the last decades, as well as new data coming from research. The aim of the project is to provide efficient user-friendly interfaces to enhance accessibility and usability of the nanoinformatics models industry, regulators, and civil society to support the sustainable use and production of ENM.

NanoInformaTIX gathers 36 partners from 18 European Countries and 4 International Countries, counting on some of the most renowned experts in the fields of nanomaterials safety, modelling, computational chemistry, toxicology and eco-toxicology. In addition, the project will be linked to the most important initiatives and projects in the field of nano-safety and modelling, to capitalize on the critical mass of experimental data and results being produced at the European and global level.

On February 21st and 22nd 2019 the whole consortium has gathered in Madrid to kick start activities, hosted by the coordinator Prof. Miguel A. Bañares (Consejo Superior de Investigaciones Científicas - CSIC, Spain) and in the presence Project Officer of the European Commission, Carlos Eduardo Lima da Cunha. For more information: the website will be available soon at www.nanoformatix.eu.

