

Safe-by-Design

Relevance and Added Value for Austrian Companies

OBJECTIVES

A Safe-by-Design concept was developed in the course of the EU FP7 project NANoREG in order to support the safe development of nanomaterials. This concept focuses on assessment, evaluation and reduction of potential risks for humans and the environment posed by nanomaterials. First insights into its practical applicability were gained from the NANoREG case study "GALANT". During preparation and execution of this case study, various challenges for the implementation of the Safe-by-Design concept in industrial processes became visible.

In order to specify improvement potential and challenges as well as to develop possible solutions, an active involvement of industry is required. The national project SbD-AT aims to elaborate various aspects on the potential implementation of Safe-by-Design concepts in industrial innovation processes, including possible barriers industry may face. Moreover, this study aims at identifying and analyzing perceived advantages and disadvantages, risk awareness and acceptance barriers of the Safe-by-Design concept from a scientific and industrial perspective.

PROJECT DURATION

01/2017 – 12/2017

LIST OF PARTNERS

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