

Sudoe NanoDesk Observatory on Nanotechnology Applications and Safety in the Plastic Sector

M. Domat,
C.Fito, A.Ballesteros

C/ Albert Einstein, 1, 46980 Paterna, Valencia

maida.domat@itene.com

The Sudoe NanoDesk Observatory on Nanotechnology Application and Safety in the Plastic Sector is a web tool aimed at the analysis, dissemination, use and exploitation of information of strategical value for the decision-making of companies and institutions.

The goal of the portal is to promote technical viability and safe use of nanotechnology in the plastic sector, taking advantage of the results of the NanoDesk project and contributing directly to their dissemination.

The development of the observatory was carried out considering the information needs of the target groups, including microenterprises, SMEs, industrial associations, and research organizations, competent authorities, promoting decision-making based on recent knowledge.

The portal is structured in different thematic priorities to be aware of new tendencies reading the latest news and learn how to safely handle nanopolymers, covering:

- Technological surveillance of the applications and processing of NMs in the plastic sector.
- Safety of processes and products: toxicological aspects, occupational exposure and risks for the consumer.
- Latest news of the sector, such as publications, scientific articles or patents.
- Financing and subsidies opportunities.

The portal contributes directly to the promotion of technical feasibility and the safe use of nanotechnology in the plastic sector, the specific objective of the project. The compilation of information is possible using an intelligent search engine for

applications and risks of nanotechnology based on data mining techniques to gather information from existing online publications.

Figures



Figure 1: Overview of the observatory with the different sections



Figure 2: Each industrial sector filters the news, applications and events related to it.