

NanoDESK Workshop: innovative solutions for the application and safe use of nanomaterials in the plastic industry

Date: 27th of November 2018

**Location: Location: Campus Catalunya, Universidad Rovira i Virgili
Avda. Catalunya, 35. 43002 - Tarragona, Spain**

Language: English - Free registration - Lunch included

Registration deadline: November 26th | Contact: alfonso.gallo@itene.com

- Workshop -

Session 1 - Opening and general presentation (10:00 – 11:30)

10:00 – 10:30. Registration

10:30 – 11:00. Overall introduction to the NanoDESK project (Alfonso Gallo - ITENE)

11:00 – 11:30. Key note: Nanotechnology and innovations in the plastic sector. Gemma Garcia Camps. Cap de l'Oficina de Prevenció de Riscos Laborals de la URV (OPRL)

11:30 – 12:00. Coffee break

Session 2. Analysis of the industrial needs (12:00 - 13:30)

12:00 – 12:30. Regulatory aspects: REACH and relevant product related regulations (Arantxa Ballesteros - ITENE)

12:30 – 12:50. Overall view of the applications of Nanomaterials in the plastic sector (Edgar Pérez Esteve – Universidad Politécnica de Valencia)

12:50 – 13:10. NanoDESK challenge: current barriers for the safety use of nanomaterials in the plastic sector (Arantxa Ballesteros - ITENE)

13:10 – 13:20. Round table

13:20 – 14:30. Lunch

NanoDESK Outcomes

14:30 – 14:50. Physicochemical properties of relevant nanofillers (CEMES)

14:50 – 15:10. Toxicological profile of relevant nanofillers (INL / ITENE)

15:10 – 15:30. NanoDESK Observatory (INVASSAT)

15:30 – 15:50. NanoDESK Platform

15:50 – 16:10. QSAR models and software interface (ProtoQSAR / URV)

16:10 – 16:30. Exposure Models (ITENE)

16:30 – 16:45. Data mining tool (URV)

16:45 – 17:00. Round table and closure