

## NanoDESK General Assembly meeting

### Advanced web based tools to promote the application of nanotechnology and safe use of nanomaterials in the plastic industry

Date: October 17<sup>h</sup> – 18<sup>th</sup> 2017

Location: INL. Avda. Mestre José Veiga s/n, 4715 Braga, Portugal

#### DAY 1 – OCTOBER 17

13:30 - 13:45	Reception of the Attendees
13:45 - 14:30	Analysis of the progress so far (Carlos Fito - ITENE)
14:30 – 15:15	Task Group 2. Presentation of the data mining application. Scheduled activities to maintain the tool. Partners collaboration (URV)
15:15 – 16:15	Task Group 3. Progress so far and scheduled activities to support hazard profiling using QSAR models (ProtoQSAR / FCUP)
16:15 – 16:45	Task Group 4. Progress so far and scheduled activities to support exposure estimation in workers, consumer and the environment (Maida/Francesca-ITENE) ----- coffee break -----
17:00 – 17:45	Task group 5. Design of the NanoDESK Observatory. Scheduled activities to maintain the tool. Partners collaboration (E. Santamaria – INVASSAT))
17:45 – 18:15	Task group 6. Design of the NanoDESK platform (C.Fito - ITENE)
18:15 – 19:00	Stakeholders engagement – communication activities (All)
19:00 – 19:15	Round table – Overall Conclusions and next steps
	Closure

#### SOCIAL DINNER / 20:30 – 22:30

Proposed Title: INTERNATIONAL WORKSHOP ON SAFE IMPLEMENTATION OF  
NANOMATERIALS IN PLASTIC INDUSTRY

Place: INL Auditorium

Lateral event to INL summit 2017: <https://summit2017.inl.int/>

**Preliminary program**

8:30H- Registration

9:00h-Welcome:

9:00 – 9:10. Opening and INL presentation (Begoña Espiña)

9:10 – 9:30. NanoDesk project introduction (Carlos Fito)

Questions

**Session 1- Current trends and needs in plastic industry and nanomaterials providers.**

9:35 - 10:00h – Current Vision of the Nanotechnology in Europe. Nanotechnology Industry Association

10:00 -10:20h- The Portuguese Plastic Industry Association (APIP). Applications of NMs in the plastic sector.

10:20 -10:40 – EuPC / French Association or CEMES. Market limitations

10:30h-Coffee break

**Session 2- Nanomaterials in plastic industry-Success case studies. Chair**

11:00h- Success case 1: Graphene based nanocomposites -Grupo Antolin/ AVANZARE

11:35h-Success case 2: Safe-by-design concept in nanomaterials production.

12:10h-Success case 3: Nanoclay based nanocomposites

12:45h- Interactive survey on stakeholder's interest.

13:00h Lunch break

**Session 3-NanoDesk project. Chair: Carlos Fito.**

14:00h Nanomaterials: properties and tools for proper selections. (Begoña - INL)

14:30h Data mining: what exists, what is missing? (Albert Fernandez - URV)

15:00h QSAR models. (Riccardo Concu - UPorto)

15:30h NanoDesk observatory (Esteban Santamaria - INVASSAT)

16:00h Next steps: exposure models, bioaccumulation and toxicity, (C.Fito - ITENE)

16:30h Round table. Chair: Carlos Fito.

17:00h Conclusions and closure