

ICEENN Training Workshop

“REACH and TSCA:

Nanomaterials dossiers for Risk Assessment”

Sunday, 3rd September 2017

Purpose and Scope of the Workshop.

This is a one-day training event aimed at early career scientists in government and industry, PhD students in academia, and anyone wanting to obtain a professional overview of the preparation and evaluation of dossiers for nanomaterials. The workshop will introduce key topics such as the REACH and TOSCA dossiers, concepts of hazard and risk, examples of ecotoxicity testing and hazard assessment, approaches to risk calculations and risk assessment, and allow some time for hands-on compilation of dossiers for representative nanomaterials.

09.00 Registration desk opens / Coffee

09.30 Prof. Richard Handy (University of Plymouth)

Welcome and Introductions

09.45 Neil Hunt (The REACH Centre)

Introduction to REACH dossiers – the challenges from Nanomaterials

10.30 Fred Klaessig (Pennsylvania Bio Nano Systems)

Introduction to the TOSCA approach – how Nanomaterials are dealt with

11.15 Tea / Coffee

11.45 Kai Paul (Blue Frog Scientific Limited)

Considering the use of Read-Across for Nanomaterials in a REACH Context (nanomaterial forms versus between nanomaterial families)

12.15 Richard Handy (University of Plymouth)

Data examples: from physical chemistry to aquatic Hazard: Ecotoxicity Tests

13.00 Lunch break

14.00 Hands-on sessions in breakout groups

Using the datasets provided, and the templates for REACH and TOSCA dossiers, the groups will work on developing example dossiers, including justifications for where data is not available / required, and for where read-across might be appropriate.

Each group to appoint a rapporteur to report back on challenges, the main results.

16.00 Tea / Coffee

16.30 Feedback and discussion session (Chair Iseult Lynch)

17.00 Prof Richard Handy (Plymouth)

Closing remarks (followed by reception at Lapworth Museum, UoB).