



## Workshop Programme

### Day 1: Monday 26th September

12.30-13.30	Registration
13.30-13.40	Opening of the workshop: <i>Arnim von Gleich, University of Bremen</i>
13.40-13.50	The NanoSustain project: <i>Rudolf Reuther, NOMI (coordinator)</i>
13.50-14:10	Workshop Introduction: <i>Michael Steinfeldt, University of Bremen</i>
14.10-14.40	Requirements at LCI of engineered Nanomaterials & Strategies to overcome existing gaps with examples: <i>Roland Hischier, EMPA, Switzerland</i>
14.40-15.10	SEEBALANCE Analysis of X-SEED, concrete hardening accelerator: <i>Marianna Pierobon, BASF SE, Germany</i>
15.10-15.40	Evaluation benefit and risk of coating surfaces with nano-products: Two case studies: <i>Manfred Klade, TU Graz, Austria</i>
15.40-16.00	Coffee break
16:00-16:30	Lessons learnt from the introduction of Life Cycle Thinking in Nanotechnologies: <i>Maria Blazques, Ekotek, Spain</i>
	Nano-scale dust particles released from polyamide nanocomposites: <i>James Njuguna, University of Cranfield, UK</i>
16:30-17:00	Life Cycle Assessment of Polymeric Nanocomposites: Nanopolytox Approach: <i>Socorro Vazquez-Campos, LEITAT, Spain</i>
17:00-17:30	Sustainable nanotextiles? A case study from the PROSUITE project: <i>Andreas Ciroth, Greendelta, Germany</i>
17:30-18:00	Open table discussion

On Monday evening all participants are invited to a city walk through the old part of Bremen followed by a communal dinner.

### Day 2: Tuesday 27th September

09:00-09:30	Combination of LCA and RA to evaluation EHS-issues of nanofluids as refrigerants for data centre and power electronics: <i>Simona Scalbi/ Grazia Barberio, ENEA, Italy</i>
09:30-10:00	Going beyond the current concept of LCA in the area of engineering nanomaterials: <i>Aleksandar Jovanovic/ Flor Angela Quintero, Steinbeis Advanced Risk Technologies, Germany</i>
10:00-10:30	Coffee break
10:30-12:30	Set up and running of parallel training sessions <ul style="list-style-type: none"> <li>• Use of LCA- software (Umberto) and databases: <i>Stefan Gößling-Reisemann, Till Zimmermann, University of Bremen</i></li> <li>• Modelling of the life cycle of ENP and of individual manufacturing processes (examples): <i>Michael Steinfeldt, Arnim von Gleich, University of Bremen</i></li> </ul>
12:30-13:00	Evaluation and final discussion of results
13:00	End of workshop

### Registration Deadline

If you would like to attend, please register by **9th September 2011** by contacting Eleanor O'Rourke at [eleanor.orourke@nano.org.uk](mailto:eleanor.orourke@nano.org.uk) or on +44 (0)141 303 8444