



the  
innovation  
society

September 2014

## Newsflash

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### Dear Reader

Welcome to the September newsflash of the Innovation Society. We wish you an inspiring reading and we are looking forward to receiving your feedback!

Kind regards

The Innovation Society

### Annotations by the Innovation Society

#### Regulation of nanomaterials

New Significant New Use Rules (SNURs) on Carbon Nanotubes issued by the EPA will come into effect in November. Repeatedly, the EPA will not adopt the NIOSH recommended exposure limit (REL), since, "at this time, EPA cannot determine that potential exposures at the REL may not present an unreasonable risk".

The European Commission has published the results of the public consultation on transparency measures for nanomaterials. An analysis of the results shall follow before long.

#### Chances and risks of nanomaterials

Nanoparticles in sunscreens (TiO<sub>2</sub> and ZnO) can cause increased levels of hydrogen peroxide (H<sub>2</sub>O<sub>2</sub>) in waterbodies. Spanish scientists discovered direct effects on ecosystems (phytoplankton) near frequently visited beaches, elicited by these H<sub>2</sub>O<sub>2</sub> accumulations.

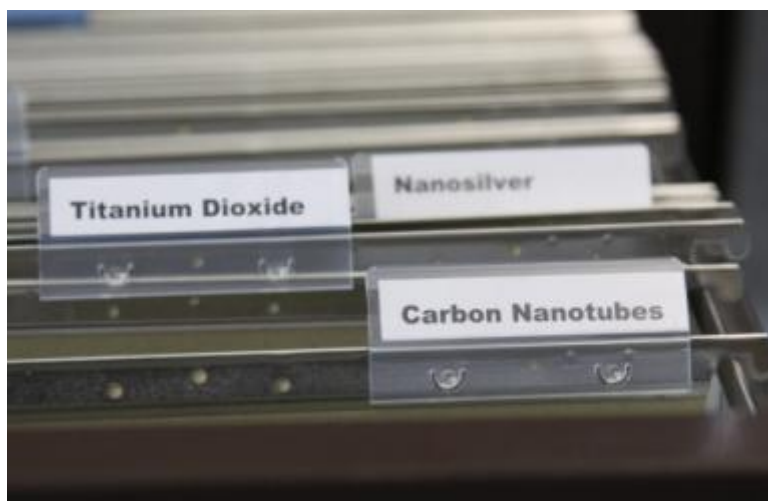
## What happens to nano-products at the end of their life?



Very little is known about the behaviour and possible environmental or health effects of nanomaterials once they are in the end-of-life phase and become part of the waste stream. The Institute of Technology Assessment (ITA) of the Austrian Academy of Science (ÖAW) has published a review on "nano-waste" as a part of the "nano-trust" serial (so far available only in German).

[Read more](#)

## Challenges of the future Belgian nano-register



A decree on the planned nano-register was approved and published by the Belgian government in February. The register is scheduled to come into effect on the 1st of January 2016 and on the 1st of January 2017 for substances manufactured at the nanoscale and compositions containing substances manufactured at the nanoscale, respectively. [Read a summary on the challenges and consequences of the register.](#)

## HILTI AG sponsors nano-education in Liechtenstein



Due to the efforts of the Liechtensteinische chamber of industry and commerce (LIHK), Hilti agreed to sponsor twelve "SimplyNano1®"-experimental kits to the schools of Liechtenstein. Last Tuesday the kits were handed over personally to two representatives of the education authority. In order to provide all schools in Liechtenstein with access to the newly available experimental kits, the kits are being administrated by the centre for school media. Furthermore, in three weeks a complementary training course on the "SimplyNano 1®" - experimental kit will be held by The Innovation Society in Vaduz. [Read more](#)

## The Innovation Society in the media



In its August issue, the Swiss entrepreneur magazine Leader devotes an article to the Innovation Society. The article is based on an interview with Dr. Christoph Meili and describes the area of operation and the approaches of the Innovation Society.

[Read more](#)

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