



## ENRHES report provides in-depth examination of nanomaterials safety

*Engineered Nanoparticles, Review of Health and Environmental Safety (ENRHES) provides comprehensive & authoritative review of engineered nanomaterial safety*

**Friday, 15<sup>th</sup> January 2010: Edinburgh, UK**

A comprehensive and authoritative review of the health and environmental safety of engineered nanomaterials has been published by a consortium led by [Edinburgh Napier University](#) and the [Institute of Occupational Medicine](#).

The review, funded under the European Commission's [Seventh Framework Programme](#), has performed a comprehensive and critical appraisal of the health and environmental safety of fullerenes, carbon nanotubes (CNTs), metal and metal oxide nanomaterials.

The review considers sources, pathways of exposure, and the health and environmental outcomes of concern, and contributes directly to the evidence-base needed by industry, regulators and users of nanomaterials.

The review document can be downloaded free of charge from <http://nmi.jrc.ec.europa.eu/project/ENRHES.htm>

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Notes to Editors

### **About the Authors**

The ENRHES Project was coordinated by Professor Vicki Stone of Edinburgh Napier University (ENU); with scientific coordination from Dr Steve Hankin of the Institute of Occupational Medicine (IOM).



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[IOM](#) and [Edinburgh Napier University](#) are two of the co-founders of the [Safety of Nanomaterials Interdisciplinary Research Centre](#) (SnIRC) - and IOM also leads the [SAFENANO](#) Initiative - to address the many uncertainties about the potential risks to health and the environment arising from exposure to nanomaterials.

The [Technical University of Denmark](#) is one of the largest university groups in Europe specialising in environment and resources, including, among other topics, environmental chemistry and ecotoxicology and one of the few university departments directly connected to scientists and engineers developing nanomaterials.

The European Commission Joint Research Centre's [Institute for Health and Consumer Protection](#) provides independent scientific and technical support to the development and implementation of EU policies on chemicals, food and consumer products. This includes work on [risk assessment methodologies and testing methods and non-testing methods](#), e.g. QSARs. Furthermore, the IHCP focuses on [nanobiosciences including work on new bio-interfaces and health aspects related to nanoparticles](#).

The [Institute of Nanotechnology](#) is an independent not-for-profit organisation that can uniquely provide an objective and non-biased contribution to the project with regard to information from the nanotechnology industry, that minimises the risk of conflicts of interest (e.g. commercial confidentiality issues from individual company representation) and maximises the benefit from integrating with relevant initiatives and recognised expertise.



### **About SAFENANO**

The SAFENANO initiative is one of the UK Technology Strategy Board's Micro and Nanotechnology Network's Nanotechnology Centres of Excellence. Phase 1 of this initiative was officially launched in August 2007.

SAFENANO Scientific Services represents the latest stage in IOM and SAFENANO's nanotechnology programme which aims to understand, quantify and control risks posed by nanomaterials to the workforce, consumers, the general population and the environment through research, consultancy and service work for industry and government. Access SAFENANO at [www.safenano.org](http://www.safenano.org)

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