



## Development of a real-time information and monitoring system to support the risk assessment of nanomaterial under REACH

[www.lifenanomonitor.eu](http://www.lifenanomonitor.eu)

**NanoMONITOR succeeds towards the end of the project with its Final Conference!**

### LIVE TRAINING WEBINAR

#### **New Tools to Support the Sampling, Monitoring and Analysis of the Concentration of Nanomaterials in Workplaces and Urban Areas**

NanoMONITOR is organising a webinar to train attendees on the use of the tools developed under the LIFE project NanoMONITOR to support the characterisation of the potential exposure to nanomaterials in workplaces and urban environments.

#### **Date and Time:**

13 December 2018

Start: 10:00 CET | End: 11:30 CET

#### **The session will cover:**

- Training on the Use of the NanoMONITOR Software
- Training on the Use of the NanoMONITOR Station Prototype



### Next Events

**13/12/2018**

Training Webinar: New Tools to Support the Sampling, Monitoring and Analysis of the Concentration of Nanomaterials in Workplaces and Urban Areas

### Relevant News

NanoMONITOR Layman's Report is now published on the project website, and is available for download in three different languages.

To find out more [click here>>](#)

NanoMONITOR video results are now available on YouTube with English, Greek or Spanish subtitles. To watch the video, [click here>>](#)



- Analytical Techniques for the Monitoring of ENMs in the Environment
- Methodologies to Conduct Exposure Assessment Studies in Workplaces
- Discussion

Attendance to the workshop and the webinar is **free of charge**. You can join the event via a conference call! Please register before 10 December [by clicking here](#).

## FINAL CONFERENCE

The Life NanoMONITOR Project is in its final weeks and has shared its results at a concluding conference in Valencia, 29th November, including the development of two databases on the concentration of nanomaterials and five prototype stations for the characterisation and detection of nanoparticles.

Titled 'New Solutions to Support the Sampling, Monitoring and Analysis of the Concentration of Nanomaterials in Workplaces and Urban Areas', the final Conference was a forum for nanotechnology experts from industry, academia and policy making to discuss nanotechnology safety, the use of measured data on the concentration of engineered nanomaterials (ENMs) to support risk assessment, the implementation of safe exposure scenarios, and its regulatory challenges. The event was hosted by the members of the NanoMONITOR consortium.



The event showcased the main progress and outcomes of the LIFE NanoMONITOR project, which provides scientific based solutions to support the risk assessment of nanomaterials on a regulatory

basis, including critical issues such as environmental, occupational and consumer exposure to ENMs, environmental release and fate in the life cycle and product value chains, and human health impacts of ENMs.

## FINAL RESULTS

The main results and outcomes of the projects are:

- The development of a database about the concentration of nanomaterials in different environments including urban environments, industrial environments, and what we call clean environments, rural areas.
- The development of five prototype stations for the characterisation and detection of nanoparticles in all environments that are relevant for human health.
- A data base describing concentrations to meet the obligations of REACH, with the goal of characterising the maximum environmental concentrations of nanoparticles.



Carlos Fito, Project Coordinator and ITENE's expert explained: "The project results have three major impacts: on society; on industry and on the environment. For society, the project has contributed to improving the knowledge about the concentration of what we call nano-polluting particles in the environment. These are extremely relevant to people who live in cities polluted by traffic. The project has impact also to industry: the new low-cost prototype station that can be used by businesses to characterise in real time the number of particles per cubic centimetre and mass that are inside the company. Finally, the project contributes to reducing the environmental impacts of nanomaterials by developing best practice protocols and guidelines for the sampling for these nano-polluting particles in both urban air and other compartments such as water, soil and sediment and hence improving the sparse information currently available".

## VIDEO RESULTS

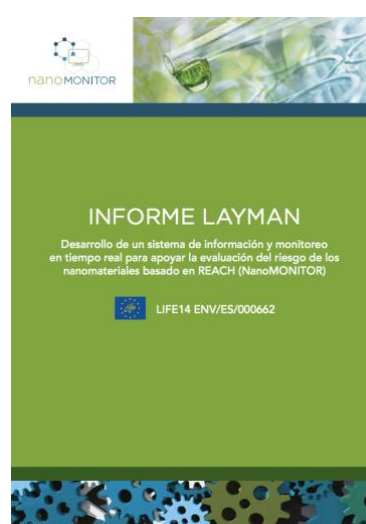
The NanoMONITOR project informative video is available in three languages: English, Spanish and Greek! Check out a summary of the project results in just 4 minutes!

[Click here to watch the video>>](#)



## LAYMAN'S REPORT AVAILABLE IN THREE LANGUAGES

The Layman's report is available for download in versions of English, Greek and Spanish.



To access the report in the three available languages, click here:

<http://www.lifenanomonitor.eu/en/laymans-report-now-available-in-3-languages/>

## GUIDANCE DOCUMENT

This guidance provides support to select adequate sampling and monitoring procedures and techniques to characterise the concentration of ENMs in heterogeneous environments, including industrial settings, indoor and outdoor areas in urban locations and natural environments. The

guidance also aims at making current data relative the potential sources and concentration of ENMs in indoor workplaces and urban areas accessible and interoperable.



The ultimate goal of this document is to provide guidance for indoor, outdoor and personal exposure monitoring of particles in the nanometer range, as well as data management to ensure that measured data are correct, representative and consistent.

**Explore the Guidance Document here:** <http://www.lifenanomonitor.eu/wp-content/uploads/2018/07/NM-guidance-final-for-web.pdf>

## UPCOMING ACTIVITIES

- Implementing the After LIFE Communication plan
- Launching an E-learning platform available free for everyone who wants to use the tools developed within the project
- Dissemination events co-organised with other LIFE projects such as NanoRisk and NanoExplore

## Project Partners:

ITENE (Packaging, Transport & Logistics Research Centre), Spain

AXON Enviro-Group Ltd., Greece

The Mediterranean Center for Environmental Studies (CEAM), Spain

Yordas Group (formerly The REACH Centre), UK



## Contact details

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