



NanoExplore

Get involved in

The NanoExplore project

We are currently recruiting companies that manufacture or handle nanocomposites, and companies concerned with ultrafine dust emissions to take part in our research project.

 lifenanoexplore.eu

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NanoExplore in a nutshell

The NanoExplore project aims at an integrated approach for exposure and health effects monitoring of engineered and incidental nanocomposites in workplaces and urban areas. The project is supported by the European LIFE programme and is currently in its pilot phase.

Nanotechnology is a fast growing and promising technology due to its potential to develop new add-values products. Their increased production, handling and availability on the market brings innovative applications, but can also lead to personal exposure with the potential for unforeseen biological effects.

In particular, workers in companies manufacturing and handling nanomaterials are likely to have regular exposures to engineered nanomaterials and incidental ultrafine dusts.

The Pilot Phase

The pilot study aims at the followings:

- Test an integrated European approach for the continuous monitoring of nanocomposites and ultrafine dusts on the field, i.e. directly in target occupational settings.
- Evaluate biological markers of possible early and reversible effects in workers handling nanocomposites or exposed to ultrafine dusts.

Who should participate?

Employees of Spanish, Italian, Swiss, French or German companies/organisations manufacturing and/or handling nanocomposites in their occupational settings, or concerned with incidental ultrafine dust emissions.



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Why should my company participate?

Be part of an innovative European cohort in the nanocomposites research field

This information can promote company image and reputation by highlighting its engagement in public health and optimal working conditions.

Receive your company's results for hygiene measurements

Your employees taking part in the study will have the opportunity, upon consent, to receive their individual study results. This will include explanations by a specialist in occupational medicine.

Benefit from sound advice given by industrial hygiene specialists regarding possible exposure to nanocomposites and ultrafine dusts

This can enable your health and safety specialists to set-up specific procedures to control emissions and possible exposure.

How does the study work?

Upon agreement from your company to participate, we set together a date and schedule for an information visit intended at answering your questions, validating our collaboration and gathering information needed for a successful campaign logistics.

Two field campaigns take place onsite in Fall 2020 and Spring 2021, according to your company's availabilities. Each campaign lasts for 4 days, during which we conduct measurements of ambient air while your employees work as usual. Biological samplings are conducted twice, following non-invasive and painless procedures.

All data collected during the study is treated as strictly confidential. Neither your company nor your employees see their identities revealed.

Learn More & Take Part

Contact info@lifenanoexplore.eu

and a local study representative will get in touch with you.