



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

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2 of the NanoMONITOR Monitoring stations are now installed!

ABOUT THE PROJECT

The LIFE+ project NanoMONITOR addresses the challenge of supporting the risk assessment of nanomaterials under REACH by development of a real-time information and monitoring system, consisting of two integrated elements:

- a software application to capture, store, exchange and manage the data on the concentration of engineered nanomaterials, and
- a new low-cost monitoring station prototype to support the outdoor and indoor monitoring of airborne nano-pollutants.

Next Events

23/03/2018

EU NanoSafety Cluster Meeting

Athens, Greece

Relevant News

Dr Neil Hunt features in the Chemical Watch Global Business Briefing following his presentation at the 2nd Stakeholders' Day of the NanoMONITOR project, which was held at Lancaster University on 24th October. Check out the full article [here>>](#)

Latest advances of the project will be presented during the high impact events

- NanoSPAIN to be held on 13-15 March 2018 in Bilbao, Spain.
- NANOTECHNOLOGY EXPO to be held on 30 June -7 July 2018 in Thessaloniki, Greece.

NANOMINITOR WEBPORTAL DEVELOPMENTS

Working versions of the NanoMONITOR Web Portal and the Administration Web console were launched and made publicly available at the beginning of 2017.

Since then the demo version of the Web Portal has been presented and discussed during the consortium project meeting in Athens in October 2016, the 1st NanoMONITOR Stakeholders' Day, held on 4 April in Valencia, Spain and during the 2nd NanoMONITOR Stakeholders' Day, held on 24 October in Lancaster, UK. Based on the discussions and the feedback received from relevant stakeholders additional features will be added to the platform to ensure its user-friendliness and to meet its intended users' requirements. You can explore the demo version of the NanoMONITOR Webportal here:

<http://www.lifenanomonitor.eu/en/applications/>

NANOMINITOR MONITORING STATION DEVELOPMENTS

As of January 2018, NanoMONITOR has delivered 2 fully operative Monitoring Stations. The first Monitoring Station Prototype has been installed in one of the existing stations of the air quality network of the city of Valencia and it is already generating data on the concentration of nanomaterials in areas with high traffic density. The second station was installed in a commercial area located outside the city.

Both stations are generating new data on the concentration of nanomaterials in city roads and highways of prime importance, to study potential effects on human health and the environment.



DISSEMINATION AND NETWORKING ACTIVITIES

Since the beginning of the project in 2016 up to 2018 the project results have been presented at various national and international events. An overview of the project dissemination and networking activities include:

3 Organisation and co-organisation of international stakeholder events on Risk Assessment, Risk Management and Regulatory Challenges related to nanomaterials.

35+ Other dissemination and networking activities including oral and poster presentations at international conferences, round table discussions, participation to workshops, meetings and networking actions with industry representatives, policy makers and research institutes.

Full list of NanoMONITOR previous and upcoming events can be found here:

<http://www.lifenanomonitor.eu/en/events/>

UPCOMING ACTIVITIES

Technical activities:

- An optimized, smaller and lighter, Monitoring station design is expected to be delivered by March 2018. This second design considers new functionalities, including PM1, PM2.5 and PM10 measurements.
- Delivery of the first version of the NanoMONITOR software platform in February 2018.
- Installation of the monitoring stations in up to 3 industrial facilities covering relevant processes in the ENM life cycle by May 2018.
- Satellite station to be used by stakeholders upon request available in Spring 2018.
- Guidance on the sampling methods and analytical techniques for the measurement and monitoring of ENMs in the environment is to be delivered by April 2018.

Dissemination activities:

- Joint workshops with relevant EU funded projects in Madrid (Spain) in spring 2018.
- NanoMONITOR 3rd Stakeholders' day, to be held in Thessaloniki (Greece) in July 2018 during the NANOTECHNOLOGY 2018 conference.

- Presentation of the project actions at NanoSpain 2018, to be held in March 2018, in Bilbao (Spain).
- Presence in relevant disseminations events in Europe.
- Final dissemination event in November 2018 in Valencia (Spain).

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



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