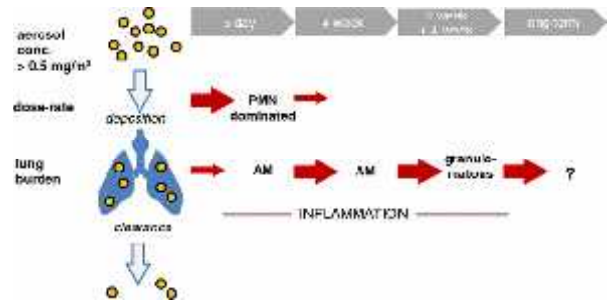


Interest & impacts of NanoMILE for industry and service providers

NanoMILE's Output: A framework for classification / grouping of MNMs according to their impacts, whether biological or environmental:

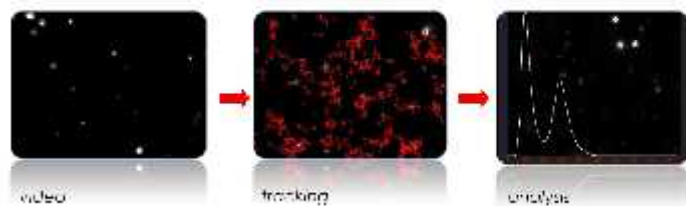
- **Description** of mechanisms
- **Protocols**
 - Characterization
- **Equipment**
 - Hazard
- **Data** on structure, fate, toxicity, etc.
- **Models:** QSAR/QPAR tool
- **Guidance:** to study MNM impacts
- **Design rules for tailoring MNM impacts**



Summary of results after 5 days and 4 weeks of inhalation exposure to Ceria nanomaterials (BASF)

NanoMILE's impact

For core business	On context	On tools
For MNM industry		
<ul style="list-style-type: none"> - Safer products - Demonstration of safety - Help replacement of unsafe products - Safer sites (emissions) 	<ul style="list-style-type: none"> - Stabilized regulation (REACH, GHS, ...) - Public confidence on impact of new MNM → Safer activity → More sustainable economic development 	<ul style="list-style-type: none"> - New protocols for own or external labs - New equipment for own labs - New OSH rules + Protocols for NM synthesis
For Lab "industry"		
<ul style="list-style-type: none"> - More accurate and significant tests - New equipment 	<ul style="list-style-type: none"> - Stabilized essays (REACH, GHS, ...) → More sustainable economic development 	<ul style="list-style-type: none"> - New protocols - New equipment - New OSH rules
For risk assessment consultants		
<ul style="list-style-type: none"> - More accurate and significant methods & tools 	<ul style="list-style-type: none"> - Stabilized methods and data (standards, REACH, ...) → More sustainable economic development 	<ul style="list-style-type: none"> - Enhanced RA tools



Nanoparticle Tracking Analysis (NTA) of NanoMILE partner Malvern counts and sizes particles by the video tracking, simultaneously, of many individual particles

How to use NanoMILE's results?

MNM industry:

- R&D: Integrate knowledge in your tools and policy
- Direct use of NanoMILE's tools & services
- Request integration by your service providers

Lab "industry":

- Integrate new protocols in your offer
- Labs: purchase new equipment

Risk assessment consultants:

- Integrate knowledge in your tools & offer
- Direct use of NanoMILE's tools & services

NanoMile Quick facts



Coordinator: University of Birmingham
Website: www.nanoMILE.eu

Duration: 01.03.2013 – 28.02.2017
Budget: 13 M€- EC contribution: 9.6 M€

NanoMile's Industrial partners

