

PROJECT PARTNERS

The NanoStreeM consortium combines unique expertise from the academic labs via technology development through semiconductor application side.

Material R&D



Industrial Applications



Environment, Health and Safety



The partners originate from 6 EU Member states: Belgium, France, Germany, Italy, Ireland, and The Netherlands.

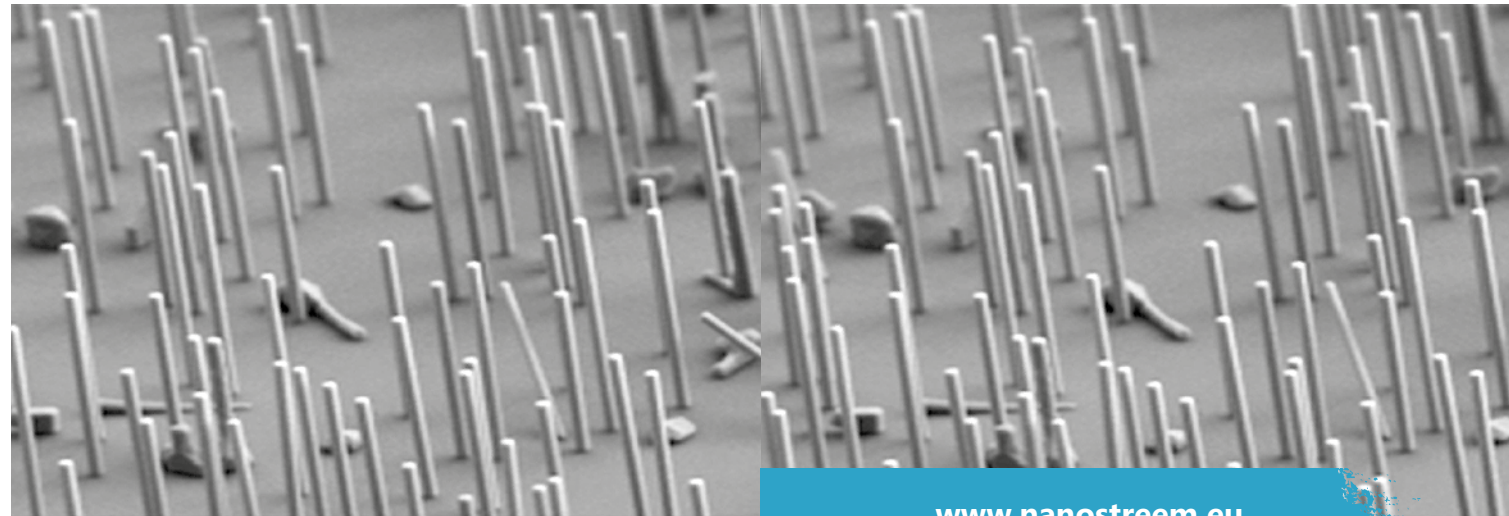
PROJECT COORDINATOR

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Nanomaterials: Strategies for safety Assessment in advanced Integrated Circuits Manufacturing



www.nanostream.eu



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THE AMBITION

- Better understanding of the occupational hazards related to the use of nanomaterials
- Better governance of the risks related to the manipulation of nano-materials on the workers and environment using the semiconductor industry as an example
- Intensification of the international cooperation in the areas of standardization and risk governance related to nanomaterial use
- Promotion of public knowledge in the understanding of the occupational hazards related to the use of nanomaterials.

VISION



OBJECTIVES

- 1 To compile an inventory of nanomaterials currently used or generated in semiconductor manufacturing or research environments.
- 2 For identified nanomaterials, map their trajectories in a typical semiconductor facility identifying hotspots for worker or environmental exposure.
- 3 Based on this information, to identify and examine most appropriate exposure scenarios.
- 4 To identify gaps in knowledge and methodologies to assess the risk of engineered nanomaterials deliberately used or incidentally released in the semiconductor manufacturing process.
- 5 To apply the obtained results for better governance, dissemination and outreach.

PROJECT

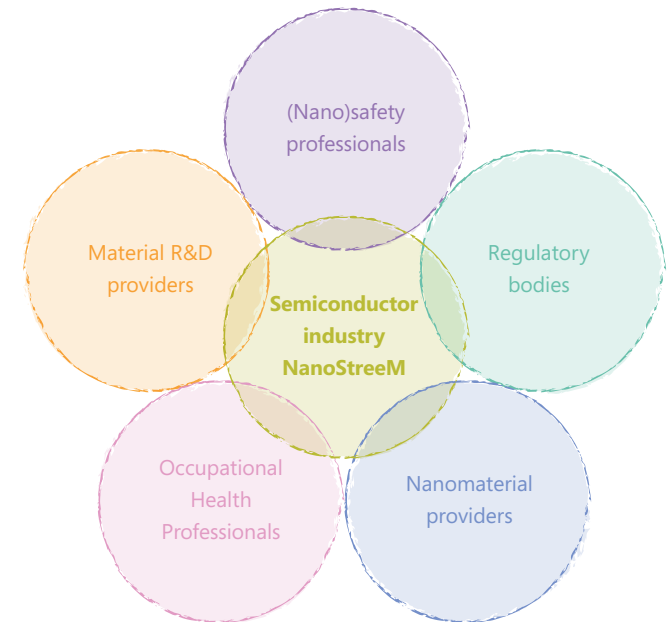
Start: 01/01/2016

Duration: 36 months

Total budget: 1 157 621 Euro

OUTREACH

The consortium would like to interrelate with actors from



If you are interested in information about some aspects of our work or if you have information to share from your side, please do not hesitate to contact the project coordinator.