



**INNOVATIVE
ECONOMY**
NATIONAL COHESION STRATEGY



EUROPEAN UNION
EUROPEAN REGIONAL
DEVELOPMENT FUND



NanoProtect

INNOVATIVE POLYMER AND CARBON MATERIALS PROTECTING AGAINST NANOPARTICLES, VAPORS AND GASES

Legal basis

Agreement with the Ministry of Science and Higher Education No. POIG.01.01.02-10-018/09-00 dated 30.12.2009

Project leader

Central Institute for Labour Protection - National Research Institute CIOP-PIB.
Department of Personal Protective Equipment.

Project partner

Lodz University of Technology. Faculty of Process and Environmental Engineering. Division of Molecular Engineering.

Project dates

01.05.2009 – 28.02.2014

Financing of the project

The project is co-financed by the European Regional Development Fund of the European Union.

Value of the project: 6 581 462,00 PLN

Contribution of the European Union: 5 594 242,70 PLN

The project is implemented under the Operational Programme Innovative Economy (POIG) 2007–2013,
Priority 1: “Research and development of modern technologies”;

Measure 1.1: “Support for scientific research aimed at creation of economy based on scientific knowledge”;

Submeasure 1.1.2: “Strategic programmes of scientific research and development”.

Overall objective

The main goal is to improve the safety and comfort of workers exposed to aggressive work environment using personal protective equipment.

Direct purpose

The direct purpose is the development of innovative nonwoven materials based on polymers that are part of the design of filtering respiratory protective equipment in order to implement effective protection against nanoparticles of air pollutants and modified carbon materials with the properties to clean the air of specific vapors and gases.

Project Leader

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