



NANO2LIFE

Project reference: 500057

Funded under: FP6-NMP

A network for bringing NANOTEchnologies TO LIFE

From 2004-02-01 to 2008-09-30 | NANO2LIFE Website

Project details

Total cost:

EUR 10 416 000

EU contribution:

EUR 8 800 000

Coordinated in:

France

Subprogramme:

NMP-2002-3.4.1.2-1 - Interfaces between biological and non biological entities

Call for proposal:

FP6-2002-NMP-1

Funding scheme:

NoE - Networks of Excellence

Objective

The aim of Nano2Life is to merge existing European expertise and knowledge in the field of nanobiotechnology in order to keep Europe as a competitive partner of the US and Japan and to make it a leader in nanobiotechnology transfer in 4 years time. Nano2Life is tackling fragmentation of European nanobiotech by joining 23 so far unconnected dynamic, highly specialised and competent regions and centres with experience in initiating and running nanobiotech programmes. Nano2Life aims to set the basis of a virtual European NanobiotechInstitute, focused on the understanding of the nanoscale interface between biological and non-biological entities, and its possible application in the area of complex and integrated novel sensor technologies, for health care, Pharmaceuticals, environment, defence, food safety, etc. The partners have agreed on a Joint Programme of Activity (JPA) designed:

- To develop joint research projects in 4 major technical platforms: functionalisation, handling, detection, integration of devices.
- To elaborate a joint IPR policy with a special focus on SMEs.
- To develop novel education and training with special emphasis on the scientific community of the candidate countries.
- To build a future common RTD platform with shared facilities, knowledge, methods, electronic communications and integrated management.

Multimedia supported communication and dissemination activities will provide thorough education and awareness of the scientific and industrial community outside of Nano2Life and the general public about the impact of nanobiotech on industry and society. This will ensure development of nanobiotech devices, material and services according to the needs of European industry and in agreement with international social and ethical standards, which will support sustainable development of the European economy in this knowledge intensive area.

Related information

Result In Brief

- Europe plans ahead on nanobiotechnology

Report Summaries

- Final Report Summary - NANO2LIFE (A network for bringing NANotechnologies TO LIFE)

Documents and Publications

- Final Report - NANO2LIFE (A network for bringing NANotechnologies TO LIFE)
- A network for bringing NANotechnologies TO LIFE (NANO2LIFE) - Publishable Executive Summary

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Biotechnology - Life Sciences

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