

Nanotechnology

Nanotechnology is described as the creation and utilization of functional materials, devices, and systems that develop novel functions and properties based either on their geometrical size or on the material-specific peculiarities of nano-structures. From the pure geometrical point of view, the prefix “nano” describes a scale 1,000 times smaller than the one of elements present in micrometric size. This scale has become accessible both by application

of new physical instruments and procedures and by further diminution of present microsystems. Nanotechnology currently underpins many practical applications (several areas of medical care, information and communication technologies, energy production, food & agriculture ...) and it has the potential to enhance the quality of life and environmental protection, and boost industrial competitiveness.

(3) For more information on the definition please consult www.nanoforum.org

The NANOFORCE project

The main objective of NANOFORCE Project is to foster nanotechnology across Central Europe regions by bringing together public and private organizations (companies, research centers, venture capitalists and public institutions) to carry out collaborative and interdisciplinary research on nanomaterials within the meaning of the REACH regulation and to turn the most promising R&D results into innovative markets applications.

NANOFORCE has launched:

- the innovative ICT nanotechnology platform “NANODEALS Generator” to better integrate science, industry, finance, management and regulatory affairs in

Central Europe's regions;

- the responsible tools to safely manage nanomaterials, such as the ones used to create exposure scenarios and SDS, for SMEs;
- huge information systems to select the right locations in Central Europe where to start up and successfully develop your own business;
- business plans as a preliminary step to create the “Interregional Nanotech Venture Capital Fund” for a total amount of €30 million to support the creation and the growth of start ups and spin offs in the nanotechnology sector.

The Role of Central Europe

CENTRAL EUROPE is a European Union programme, based in Wien, that encourages cooperation among nine countries of Central Europe – Austria, Czech Republic, Germany, Hungary, Italy, Poland, Slovakia, Slovenia and Ukraine. It aims to improve innovation, accessibility and the environment and to enhance the competitiveness

and attractiveness of their cities and regions.

CENTRAL EUROPE invests € 231 million to provide funding to transnational cooperation projects involving both private and public organisations. The programme is financed by the European Regional Development Fund (ERDF) and runs from 2007 to 2013.

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This project is implemented through the CENTRAL EUROPE Programme co-financed by the ERDF

Your gateway to the
Central Europe's
Nanotechnology

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Your gateway to Central Europe's Nanotechnology

NANOFORCE was started on 1st May 2011 with the aim to reach a better integration of the scientific, industrial, financial sectors, public authorities and company managers to promote the sustainable development of nanotechnology(1) in Central Europe(2).

The activities stretch across bringing a wide range of brilliant ideas; promoting and financing R&D projects; placing nanosubstances and nanoproducts on industrial and consumption markets; responsibly approaching nanomaterials and promoting their safe use.....NANOFORCE is about all these phases!



Would you like to cooperate with the 9 Institutions operating along the magnificent corridor of NANOFORCE?

Of course you would! Let's create a socioeconomic wealth for present and future generations!

NANOFORCE is a project that integrates science, industry, finance and management... How?

As soon as you have obtained your PhD submit your CV!

www.nanoforceproject.eu

The most efficient way to discover... to cooperate... to propose... to benefit from nanotechnology in Central Europe...

to finance... to implement the procedures of European regulations, is using the web: www.nanoforceproject.eu!



Participate in selected events throughout Europe!

Join the NANOFORCE system... a new world will open up to you!

You will be kept up to date on NANOFORCE progress!

Would you like to know how to ensure that workers are safe and consumers informed?

Are you looking for a Partner? Would you like to apply for Horizon 2020? Any doubts Nanotechnology or Climate Change?

(1) NANOFORCE is currently using the definition of "Nanotechnology" adopted by the European Commission.
(2) For the list of the Countries see next pages.