



**CENTRAL
EUROPE**
COOPERATING FOR SUCCESS.



EUROPEAN UNION
EUROPEAN REGIONAL
DEVELOPMENT FUND

nano
FORCE

NANOFORCE

**Association of the Chemical and Pharmaceutical
Industry of the Slovak Republic**

Silvia Surova

23.9.2013 Svit

Nanoved and Nano Info Day

NANOFORCE

Nanotechnology for Chemical Enterprises

**– how to link scientific
knowledge to the
business in the Central
Europe**





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The project

- NANOFORCE is a project co-financed by the ERDF, within European Territorial Cooperation Objective CENTRAL EUROPE Program
- The project started in May 2011, and it will end the 31st of January 2014
- The project is performed in eight regions of the Central Europe belonging to seven countries.

- LP** SC - Sviluppo Chimica spa (IT)
- PP2** Veneto Nanotech S.C.p.A. (IT)
- PP3** Association of Chemical Industry of the Czech Republic – SCHP (CZ)
- PP4** Chemistry Cluster Bavaria (DE)
- PP5** Polish Chamber Of Chemical Industry - PIPC (PL)
- PP6** University of Nova Gorica (SI)
- PP7** BioNanoNet Forschungs GmbH (AT)
- PP8** Association of Chemical & Pharmaceutical Industry of the Slovak Republic (SK)
- PP9** Institute of High Pressure Physics, Polish Academy of Sciences (PL)



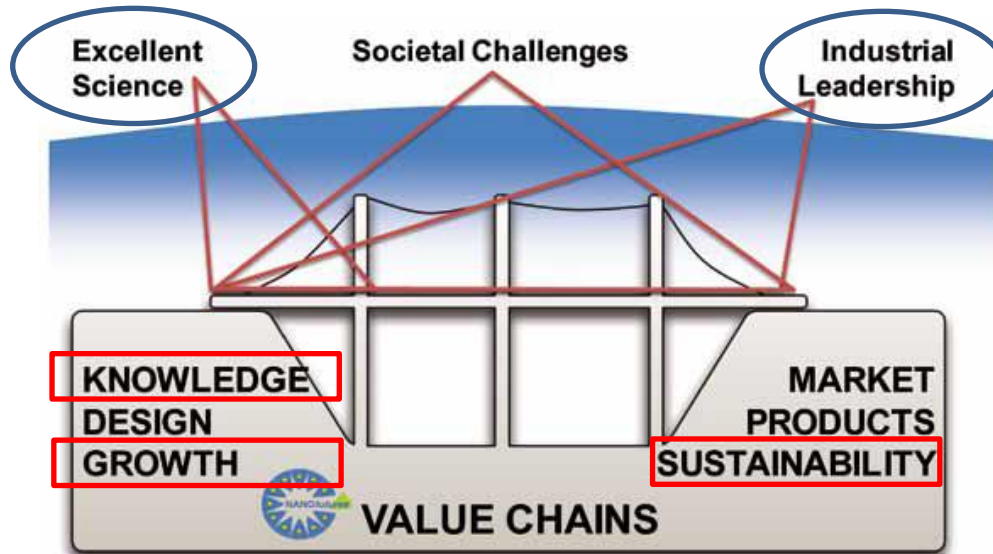
Associated Institutions
supporting the project

- CEFIC - European Chemical Industry Council
- ECRN - European Chemical Regions Network



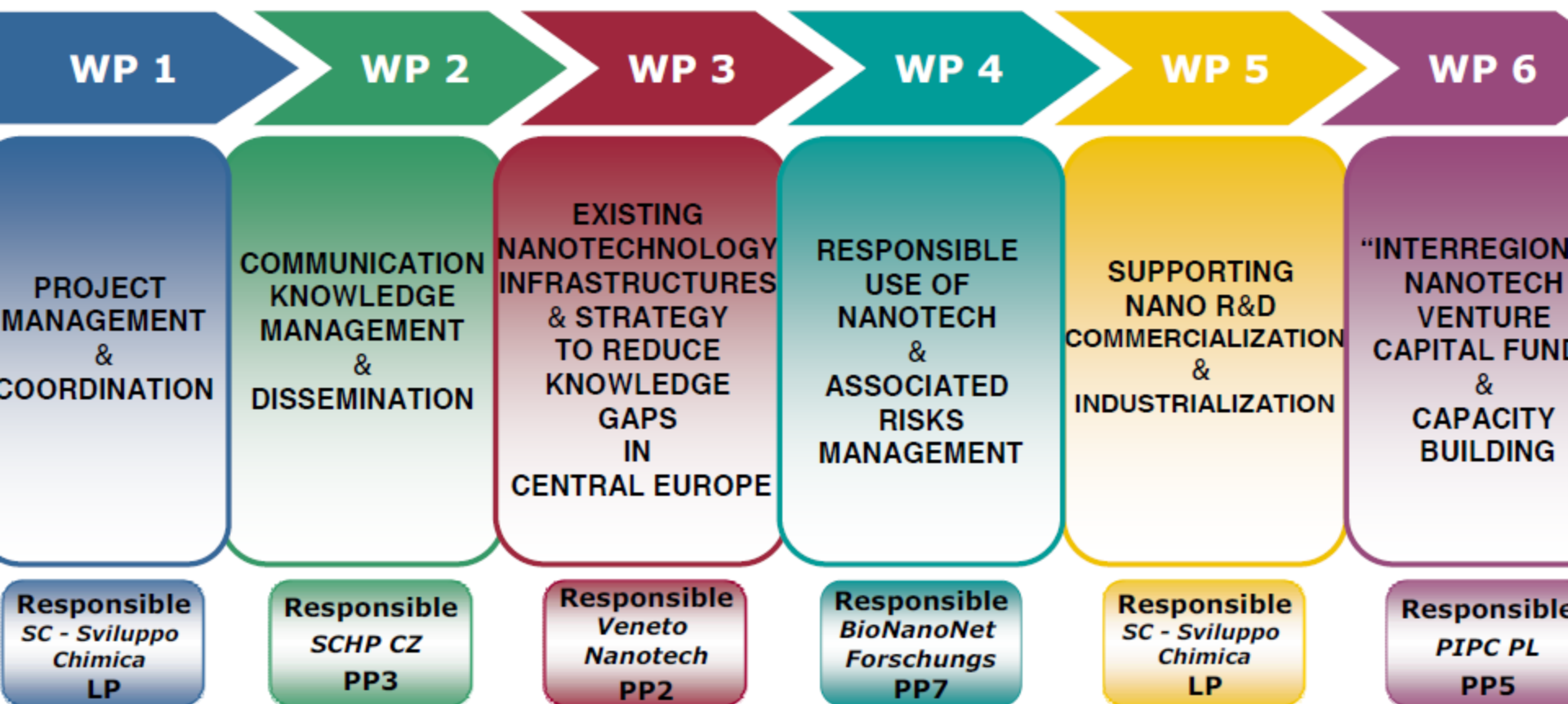
Main Objectives

- To foster sector networks (enterprises, research centers, venture capitalists and public institutions) to carry out collaborative & interdisciplinary research projects on nanomaterials.
- To turn laboratory results into innovative industrial applications, and to improve industrial sustainability (more security & lower environmental impact in the product life cycles).



The Valley of Death
NANOFutures Roadmap

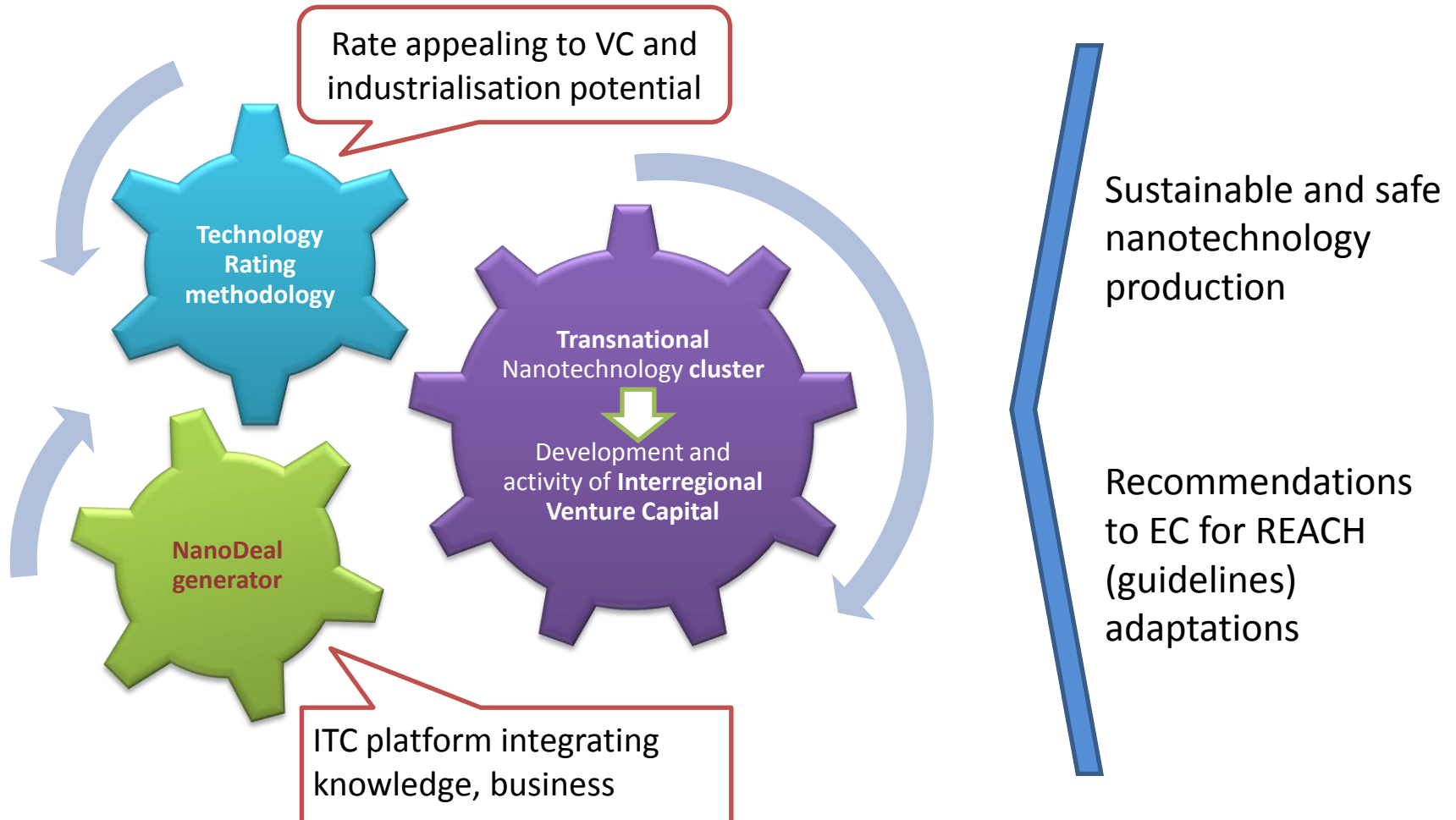
NANOFORCE Work packages



Project duration: 30 months



Expected results



Nanofroce

- V rámci **technickej úrovne** prebieha spoločné hodnotenie fyzikálnych, toxikologických a ekotoxikologických vlastností troch vybraných nanomateriálov.
- Na **systemovej úrovni** projekt podporuje dialóg medzi hlavným chemickými asociáciami krajín strednej Európy a rieši lepšie riadenie, praktiky, bezpečnostné predpisy podľa nariadenia REACH.

Nanoforce

- Na **úrovni trhu** nástroje poskytované projektom NANOFORCE sú „Nananodeal“ generátor a nadnárodné **technologické hodnotenie**, na podporu dopytu a ponuky medzi podnikmi a spoločnosťami partnerských regiónov, smerom k stanoveným cieľom rozvoja využitia nanotechnológií.
- **Finančná úroveň** zahŕňa vypracovanie jedného nadnárodného obchodného plánu na vytvorenie **nadnárodného kapitálového fondu** v strednej Európe na financovanie inovatívnych nanotechnologických projektov.

Testing

- Specific characterisation and toxicological analysis 3 nanomaterials:
- TiO₂,
- nanoAG,
- ZnO
- to be executed in order to validate their registration process within the context of REACH (Exposure Scenarios/Safety Data Sheets) while assessing their potential health and environmental hazards

www.nanoforceproject.eu

- You can:
- Find relevant documents;
- Apply as an expert or search for one;
- Place yourself as an actor on the nanotechnology map in the CE region;
- Discover your Talent as fresh PhD;
- Propose and evaluate a research ideas and business plans;
- Search for business deals;
- Find a place were to establish your business.

LINKS

Who we are

How to know & prosper
with NANOFORCE

Researchers, Venture
Capitalists & Managers

Discover your Talent!

Regulations & Safety &
Benefits

Territories, Clusters &
Technology Platforms



How to know & prosper with NANOFORCE

Researchers, Venture Capitalists & Managers

- [Submit your Deal Proposal or select it](#)
- [Are you an Expert? Do you need an Expert?](#)
- [The Senior Advisors & the Sponsors](#)
- [Are you a Venture Capitalist? Do you need a Venture Capitalist?](#)

You are here: [Home](#) >> [Researchers, Venture Capitalists & Managers](#)

■ Researchers, Venture Capitalists & Managers

The integration of scientific competences, venture capital and management nanotechnologies, wherever in the world! At NANOFORCE we offer the chance idea please ... but something more formalized.... data, patents, pilot plant ... in have several routes to enter in contact with your Partners:

- if you are a Researcher with a nanotech deal, go to [Submit your Deal P](#) interest to enhance your entrepreneurial spirit you can go to [The N](#) CV;
- if you are a [Venture Capitalist](#), please introduce yourself so that you could see the deals NANOFORCE is offering according to your investment criteria
- if you are a Manager (better if a Senior Manager) maybe you have your own company, certainly you will be asked for your advises and consultancies ... and so on

Doterajšie výsledky

- Zmapovanie používania a prípravy nanočastíc v zúčastnených krajinách
- Zmapovanie legislatívneho stavu ohľadom nanočastíc v EU a jednotlivých partnerských krajinách
- Organizácia Nano Info dní v jednotlivých krajinách – v septembri 2012 vo Svite
- Organizácia Okrúhlych stolov – diskusia s národnými autoritami a priemyslom 22.1.2013 v Bratislave
- Príprava a preklad webstránky www.nanoforceproject.eu, informačných listov a brožúry Nanoforce
- Delegovanie mladých výskumníkov na školenie Nanoforce v Prahe v júni 2013
- Organizácia Workshopu Nanodeal Generátor 28.2.2013
- Príprava 8 dealov za SK – návrhov projektu na realizáciu
- Príprava druhého Nano Info dňa spolu s konferenciou Nanoved – vo Svite v septembri 2013
- Zmapovanie finančného prostredia ochotného investovať do nanotechnológií - business angels, venture capitalists, banky
- Príprava nadnárodného kapitálového fondu pre podporu nanotechnológií.

Nanodeal Generator

Príprava „dealov“ - projektov na realizáciu a financovanie:

- 4 VUCH Svit
- 2 Chemosvit
- 2 Slovenská akadémia vied (zatiaľ)

Register your deal

www.nanoforceproject.eu



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www.rcsk.sk



Thank you very much
for your attention