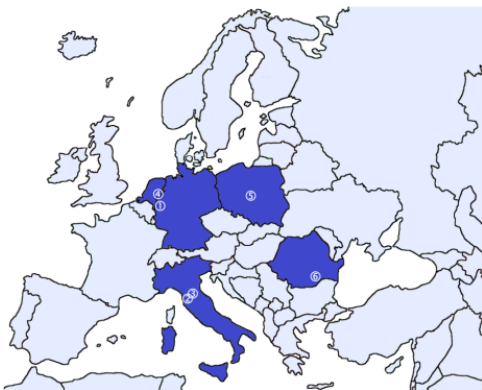


Newsletter 01

ENEX in brief

'ENEX – Expert in Nanotechnology Exploitation' is a project funded by the European Commission under the ERASMUS+ Programme.

The ENEX project wants to develop advanced training modules for graduate and postgraduate students as well as professionals in industry, research and the service sector in the fields of nanotechnology and innovation management.



The final outcome will be an interdisciplinary *Open Licence* e-learning course merging both technology and management content into one novel qualification concept.

The Project consortium consists of six partners out of five European regions: Twente (NL), Tuscany (IT), Lodz (PL), Bucharest (RO) and North Rhine-Westphalia (DE). Among the partners are 3 universities, 1 research centre, 1 regional development agency and 1 private-sector consulting firm.

The Project started on 01 September 2014 and has a duration of three years.

ENEX Kick-off Meeting



The kick-off meeting of the ENEX Project was held in the premises of INTAMT in Duesseldorf on 27 November 2014. It was an important step to promote team building among the project partners.

The main objective of the meeting was to review the work plan and clarify organisational as well as technical issues. A major part of the meeting was used to start working on the intellectual outputs foreseen in the project.



The event started with a pre-meeting in the afternoon of 26 November, during which the partners had the opportunity to become acquainted with each other and to give presentations of the organisations involved in the project. After the pre-meeting the participants met for an informal dinner and get-together in a traditional restaurant close to the meeting venue where they continued to exchange ideas over a tasty glass of beer.

What does ,ENEX' stands for?

The *Expert in Nanotechnology Exploitation (ENEX)* is the 'interface' between the industry and health sector using nanotechnologies and laboratories and research departments developing them. He/she is either employed at strategic level in companies specializing in or using nanotechnology or working as an innovation/ technology transfer professional in the R&D or service sector. The ENEX must have

- sound knowledge and understanding of the underlying NT principles, material properties and processing techniques,
- competences to assess and manage innovation processes.

ENEX Outputs

The ENEX Project will develop in detail:

- the ENEX (Expert in Nanotechnology Exploitation) competence profile, structured according to ECVET guidelines,
- two curricula combining theoretical as well as practice-oriented lessons with methodologies and case scenarios, the one on fundamentals of nanotechnology (materials and processing), the other on assessing and managing innovation processes,
- the final e-learning course, structured in modules, merging both curricula into a novel interdisciplinary and pedagogical concept,
- appropriate methodologies and guidelines for the validation, assessment and monitoring of the performance of ENEX trainees according to European standards.

Target Groups

- Companies, in particular SMEs, engaging in nanotechnology or related industries: key staff, e.g. executive level, project managers, business development managers, innovation managers;
- Post-tertiary graduates in the fields of natural sciences (physics, chemistry, biology), medicine, engineering sciences;
- Technology transfer offices, Industrial liaison offices of universities and research organisations, center management and strategic divisions of research & technology centres, scientists, researchers, innovation & technology transfer professionals: consultants, coaches, mentors, analysts etc.;
- Other stakeholders: VET providers, regional development agencies, political decision makers, chambers of commerce and industry, industrial associations, foundations relating to NT, capital investors, patent attorneys etc.

Coming next

To analyse in more detail company needs with regard to nanotechnology and innovation management, the ENEX partners will carry out online *company surveys* in their respective regions as well as personal interviews with stakeholders along the entire nanotechnology value chain. The responses of the questionnaires and the outcome of the interviews will be used to define/ refine the ENEX Competence Profile.

The 2nd ENEX project meeting will take place in Sesto Fiorentino, Italy on 15 June 2015.

ENEX Partners



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ASEV Agenzia per lo Sviluppo Empolese
Valdelsa Spa
www.asev.it



CNR-IFAC Consiglio Nazionale delle Ricerche
Nello Carrara Institute of Applied Physics
www.cnr.it



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UPB Universitatea Politehnica din Bucuresti
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