



## European Network Education and Training in Occupational Safety and Health

### Platform for successful networking



ENETOSH, the “European Network Education and Training in Occupational Safety and Health”, offers the first and currently the only platform for systematic knowledge-sharing on education and training issues in occupational safety and health. The European Commission funded the establishment of the network from October 2005 until September 2007 as part of the LEONARDO DA VINCI programme. The project started life with 13 partners from 10 countries. Today, 36 partners from 16 European countries cooperate in ENETOSH. The “BGAG – Institute Work and Health”, part of the “German Social Accident Insurance” (DGUV), is responsible for coordinating the network.

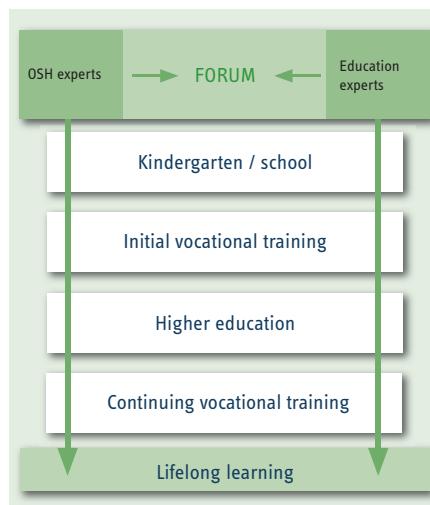
#### Objectives of ENETOSH

ENETOSH helps standardise quality assurance of education and training in occupational safety and health in Europe and generate ideas on ensuring good practice in the mainstreaming of occupational safety and health into the education system.

By doing so, ENETOSH fulfils an important objective of the European Community strategy on health and safety at work 2007-2012. In line with the key idea behind the strategy, i.e. that occupational safety and health are an integral part of lifelong learning, ENETOSH covers all levels of education, from kindergarten to school, initial vocational training, higher education and continuing vocational training.

The ENETOSH network is geared to the following groups:

- lecturers and trainers working for accident insurance institutions,
- staff in general and vocational education (day nursery staff, teachers, trainers, lecturers and freelance instructors) and
- multipliers and political decision makers (representatives of associations, ministries, social partners and the EU Commission).



To date, 332 examples of good practice in education and training in occupational safety and health have been collected from 26 countries as part of efforts to achieve this objective. In addition, a quality standard for instructors and trainers in safety and health has been developed.

### Editorial

With ENETOSH now standing on its own two feet, it's a good time to reflect on the results of the EU project. This newsletter describes the network's structure, looks at the factors that ensure successful networking and outlines the future plans for ENETOSH.

Ulrike Bollmann

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#### Impressum

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ENETOSH is an open network – have a look at our “Who is Who?” section or become a member of ENETOSH yourself!



**Leonardo da Vinci**

## SUCCESS FACTORS for the network's activities

- Good communication between network partners
- Mutual understanding and trust
- Sharing ideas and experience
- Low level of hierarchy and bureaucracy
- Good balance between give and take
- Transparency
- Joint task
- Joint agreement of goals and actions
- Change in the network culture
- Regular meetings in person
- Additional partners
- Development of the idea behind the network based on a long-term approach
- Thorough evaluation during ongoing activities
- Political framework (e.g. EU Community strategy and EQF)

## OBSTACLES to the network's activities

- Linguistic barriers
- Concentration on communication between network coordinator and individual partners
- Frequently changing faces
- Different or differently developed systems of education and training in occupational safety and health in Europe
- Lack of interaction between the systems of education and training in occupational safety and health and the general education system at the national level
- Lack of support for the network's activities from national institutions

## ENETOSH standard



safety and health. It was devised based on descriptions of specific work situations and the required behaviour in those situations. The descriptions were systemised on the basis of the European Qualifications Framework (EQF), enabling the different European qualifications to be compared.

The ENETOSH Standard of Competence has been recognised by 14 institutions from 10 European countries. It is available in 11 languages and can be downloaded from the ENETOSH website ([www.enetosh.net](http://www.enetosh.net)) along with checklists.

The standard is being continuously evolved in collaboration with Technische Universität Dresden (Dresden Technical University).



3rd project meeting in Prague: members working together on the drafting of the ENETOSH standard

## Examples of good practice

The process of identifying, selecting and presenting examples of good practice in education and training in occupational safety and health for ENETOSH is quality-assured.

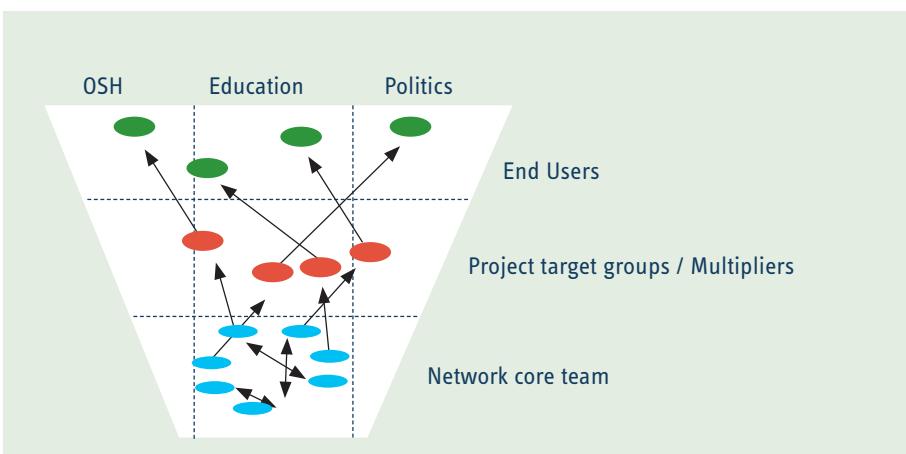
A quality management system was developed during the EU project, including the following: a list of criteria for selecting examples of good practice, a data-collection sheet, a coding system, the advisory editing committee plus its statutes and a code of conduct for users of the ENETOSH platform. These items are used in accordance with a defined workflow.

All of the selected examples of good practice are published in a database ("Tool box")

on the ENETOSH website. Users can search for examples using specific selection criteria or keywords. The system displays a brief note in English and a link to the project's or institution's website in the national language. Certain examples of good practice are presented in more detail ("Good practice") or grouped by topic ("News").

Among other things, the examples of good practice provide ideas for innovative methods in education and training in occupational safety and health in Europe and are intended to promote mainstreaming of safety and health into the national education systems.

## Evaluation of the network



The ENETOSH project was evaluated whilst ongoing by the "Institut für Evaluation und Qualitätsentwicklung" (Institute for Evaluation and Quality Development) at Leuphana Universität Lüneburg. The evaluation covered both the collaboration between the project members (internal evaluation) and the external perception of the project and its results (external evaluation).

The external evaluation was based on a model that distinguished between three target groups: partners in the core network, multipliers and end users from three different areas (OSH, education and politics).

The evaluation procedure mainly used standardised questionnaires and semi-structured interviews. The logfile statistics (showing the number of visits) for the ENETOSH website were also evaluated.

On a scale of 1 (= very dissatisfied) to 5 (= very satisfied), the project partners' average satisfaction grew during the course of the project from 3.5 to 4.2 to 4.6. The answers to the question of what the project's biggest achievements were pointed to four areas: examples of good practice, website, the standards and the establishment of the network.

Of the 83 multipliers and end users who participated in the external evaluation in spring 2007, 15 took part in the follow-up survey in autumn 2007 – a response rate of approximately 27 per cent. At the time of the follow-up survey, 54 per cent of the respondents had already informed others about the project (roughly 250 people in total). 78 per cent of the multipliers and end users feel the project should be continued and 75 per cent would be interested in being involved if it were continued. The multipliers approve of the project itself and the work it does. How-

ever, they are unanimous in their criticism of the fact that the project's results have yet to be applied in practice and, ultimately, that the standard is not recognised. They feel that dialogue must be stepped up in order to disseminate the results.

A look at the number of different visitors to the ENETOSH website shows that there was a clear increase during the course of the project. However, this increase was coupled with a decrease in the number of pages visited and the time spent on each page. Having said that, whilst a total of 12,300 people visited the ENETOSH site in 2007, there were already 24,986 different visitors in the first six months after the end of the project.



2005: Official agreement-signing ceremony at the "Education for Europe" National Agency

(Left to right: Klaus Fahle, Ulrike Bollmann and Walter Eichendorf)

## ENETOSH-milestones

10/2005	Kick-off, Bilbao (ES)
11/2005	List of criteria for examples of good practice
01/2006	<ul style="list-style-type: none"> <li>editing system training</li> <li>Meeting re. Working Paper 1, "Changing world of work"</li> </ul>
03/2006	First advisory board meeting
03/2006	Meeting of the expert group on higher education institutions, Lodz (PL)
03/2006	Expansion of the list of criteria for higher education
04/2006	<ul style="list-style-type: none"> <li>Collection of examples of good practice</li> <li>Launch of ENETOSH website</li> </ul>
07/2006	<ul style="list-style-type: none"> <li>Second project meeting, Dresden (DE)</li> <li>Training &amp; Innovation, Dresden (DE)</li> </ul>
09/2006	<ul style="list-style-type: none"> <li>Creation of editing committee</li> <li>Interim report</li> </ul>
11/2006	Meeting re. Working Paper 2, Helsinki (FIN)
01/2007	"Standard" working group, Vienna (AT)
02/2007	Third project meeting, Prague (CZ)
04/2007	Second advisory board meeting
07/2007	<ul style="list-style-type: none"> <li>Fourth project meeting, Dresden (DE)</li> <li>Training &amp; Innovation, Dresden (DE)</li> </ul>
08/2007	ENETOSH roadmap
09/2007	Extraordinary project meeting, A+A fair, Düsseldorf (DE)
11/2007	Final report

## International “Training & Innovation” forum

“Training & Innovation” started out in 2001 as a meeting place for trainers from Germany’s “Berufsgenossenschaft” institutions. Under ENETOSH’s aegis, it has evolved into an international forum for sharing knowledge and experience in the area of education and training in occupational safety and health. Since 2004, the event has been organised in cooperation with the European Agency for Safety and Health at Work.

Initially, “Training & Innovation” was mainly about innovative educational methods with which to promote OSH knowledge transfer. However, ENETOSH expanded the concept by including mainstreaming of safety and health into education and training as an additional goal.

“Training and Innovation” is aimed at anyone concerned with occupational safety and health in education and training: staff in day nurseries, teachers, lecturers and political decision makers seeking to promote the mainstreaming of safety and health into educational programmes and institutions.

From the very outset, the event has always observed the following principles:

- the participants play an active role or

become engaged during the event and discover their own resources;

- each “Training & Innovation” event is based on its own storyline and imagery;
- out-of-the-ordinary event methods are used;
- new topics are tackled and inspiration provided for new content and methods;
- the participants create a network of interesting contacts for their work;
- the programme is developed by an organisation team and a steering committee. Since 2006, members from the ENETOSH network have been included;
- the processes in and results of the event are evaluated during the actual event; and
- the results are recorded on the internet: <http://www.dguv.de/bgag/de/veranstaltungen/tundi/index.jsp> und [www.enetosh.net](http://www.enetosh.net). A separate report was published for Training & Innovation 2007.

Each “Training & Innovation” is a milestone in the joint effort to improve the quality of education and training in occupational safety and health and to promote the mainstreaming of safety and health into Europe’s education systems.

## ENETOSH in the future



Key items on ENETOSH’s agenda for the future are:

- Continued development and implementation of the ENETOSH standard
- Deployment of ENETOSH mentors at the national level
- Knowledge-sharing on the systems of education and training in occupational safety and health in Europe (e.g. at international and national workshops)
- Implementation of ENETOSH in the candidate states

## Partners in the ENETOSH network

### Core network

 BGAG – Institute Work and Health of the German Social Accident Insurance (DGUV)
 CIVOP – OSH Education, Information and Services Centre, Czech Republic
 BAR U&F – Branch Working Environment Council Education & Research, Denmark
 Leuphana University Lüneburg, Germany
 BG BAU – Berufsgenossenschaft institution for the construction sector, Germany
 BGW – Berufsgenossenschaft institution for the health and welfare services sector, Germany
 ISP ESL – National Institute of Occupational Safety and Prevention, Italy



LDRMT – Lithuanian Labour Market Training Authority



Safety Science Group at Delft University of Technology, the Netherlands



AUVA – Austrian Workers’ Compensation Board



NIOM – Nofer Institute of Occupational Medicine, Poland



Finnish Institute of Occupational Health (FIOH), Finland



ISGÜM – Occupational Health and Safety Centre, Turkey

(the training organisation of the Confederation of German Trade Unions, DE), LAS agency for occupational safety and health (DE), HSL (Health and Safety Laboratory, UK), MOSHA (Macedonian Occupational Safety and Health Association, MK), Labour Inspectorate (AT), the TÜV SÜD technical service corporation (DE), Human Factors Engineering programme at Hanover University (DE), VUBP (Occupational Safety Research Institute, CZ), Nottingham University (UK), Prevent (BE), SUVA (Swiss Accident Insurance Fund, CH), ROMTENS Foundation (RO).

The following have become members since the project period ended:

AIAS (Italian association of environment and safety professionals, IT), AWO Sachsen (Saxon Workers’ Welfare Association, DE), Institute and Outpatient Clinic for Occupational, Social and Environmental Medicine at Munich University (DE), EFBWW (European Federation of Building and Woodworkers, EU) and the Portuguese national network, which currently consists of three individual members.

The following institutions were actively involved as silent partners during the project:

CIOP-PIB (Central Institute for Labour Protection, PL), RGUVV (association of Rhineland municipal accident insurance institutions, DE), BAuA (Federal Institute for Occupational Safety and Health, DE), DGB-Bildungswerk