

The EUSAFE Project

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European Qualification of Safety and Health Professionals: An International Perspective

Enetosh

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A+A Duesseldorf, Congress Center, CCD Sud, Room 5



Education and Culture DG

Content of the presentation

- Introduction to ENSHPO
- Evaluation of Prevention and Protection
- Technical-Scientific Approach to Risk Prevention
- Eusafe Project:
 - Why; Objectives; Instruments*
- Descriptors defining levels in the EQF
- Eusafe project outcomes:
- Workpackages;
 - The Results*
 - The Consortium*
 - The Network and the Impact*
 - The Stakeholders*



Introduction to ENSHPO

- Network launched in 2001
- European Agency = catalyst
- Statutes and Terms of Reference
- Initially “European Network of Safety and Health Practitioner Organisation”
- Definition of “practitioner”



Objectives

- Representing OSH professional organisations in Europe
- Building up relations with key stakeholders
- Being a forum for information exchange
- Developing European-wide recognition of OSH professional qualifications



What we do

- Share good practice cases
- Develop a European Certification Standard (EurOSHM & EurOSHT)
- Training & Education working party
- Cooperation & Memorandum of Understanding with ENETOSH (European Network Education & Training in Occupational Safety & Health)
- Networking Assembly meeting twice a year



Member countries

- Austria
- Belgium
- Cyprus
- Czech Republic
- Finland
- Denmark
- Germany
- Italy
- Ireland
- Latvia
- Luxemburg
- Malta
- Macedonia
- Netherlands
- Portugal
- Romania
- Russia
- Spain
- Switzerland
- United Kingdom

With official MoU with: Inshpo, Enetosh, Ishcco, Focus, CfpEurope, Cfpai
Stakeholder of EU-OSHA, EU Parliament, EU Commissions, ILO, ISSA



High

Level of safety

Low

**Continuous Life Learning
Management Systems
Safety Culture & Leadership
Safety Behaviour**

**Risk Prevention
Management
Approach**

**Best Available
Techniques (BAT)**

**Safety Technical
Approach**

**Best Practicable
Technology (BPT)**

Legal Approach

**As Far as
Reasonably
Practicable
(AFARP)**

**As Far As
Reasonable
(AFAR)**

**Corporate Social
Responsibility
(CSR)**

**Free
Choice**

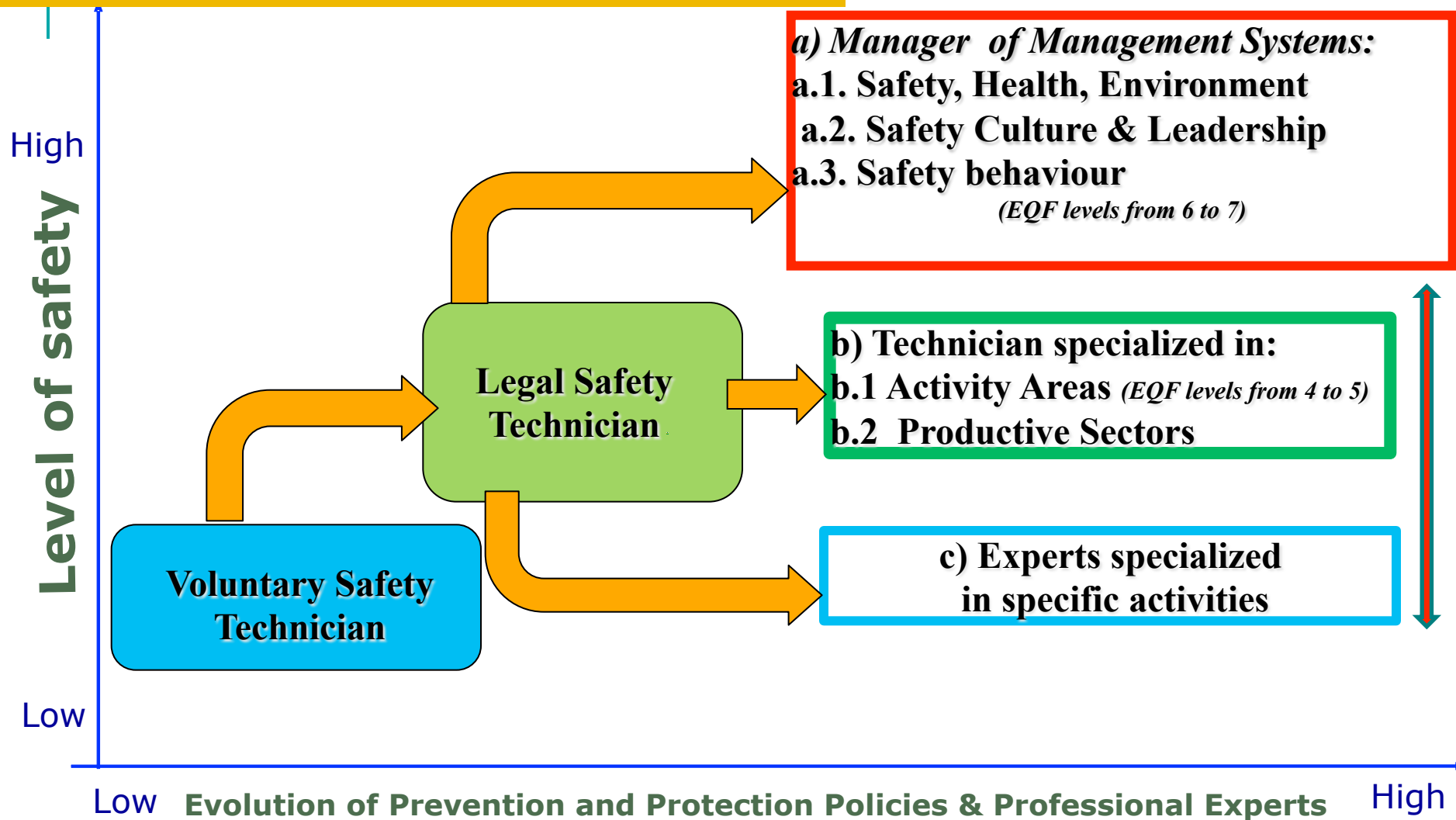
**Cost-
Benefit
(C-B)**

1989 EU - 89/391/EEC Framework Directive

Evolution of Prevention and Protection Policies

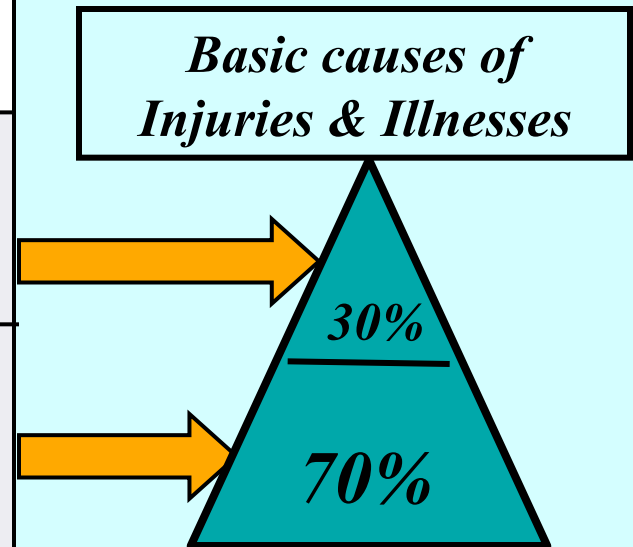
High





Technical –Scientific Approach to Risk Prevention

Levels	Tools
1. Research & Development	Experimental research & applied models (Universities & research centers)
2. Theory	Hazard identification & Risk Assessment
3. Methodology	• Management Systems for Safety, Health & Environmental Protection
	• Management System for Culture & Leadership • Management System for Behaviour Based Safety
4. Practices	Guidelines; Best & Good Practices

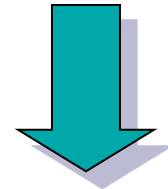
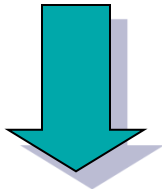


European Qualification of OSH Professionals EUSAFE Project: Why?

Common OSH legislative framework through
framework Directive (89/391/EEC)

BUT

*No common requirements in EU Member
States for the training of OSH Managers and
Technicians*



Serious barriers to their international mobility
and qualification recognition

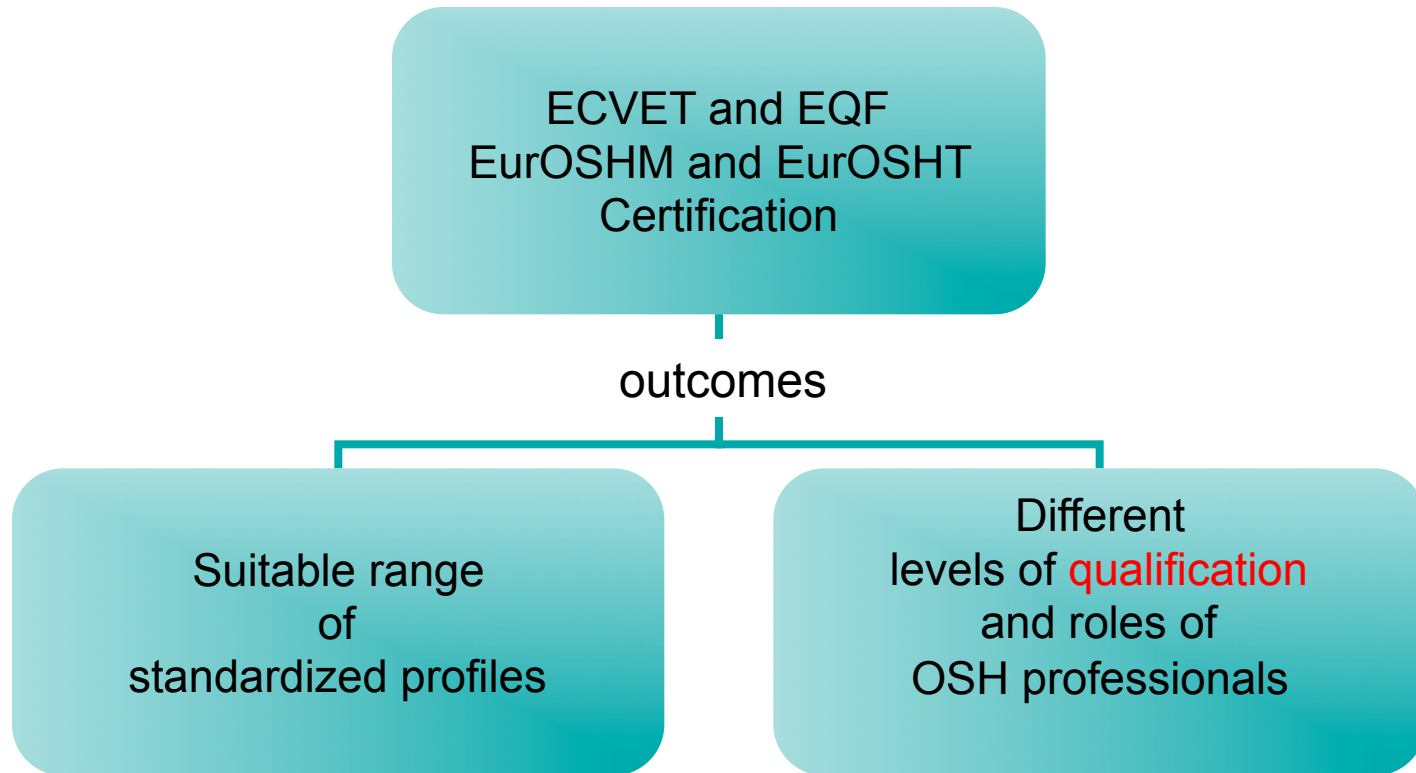


EUSAFE: the objectives

- To develop a new professional qualification and a common training framework starting from existing certification standards
- To share instruments and methodologies at EU level to achieve effective competences and qualification transparency and recognition



EUSAFE: instruments



Descriptors defining levels in the EQF

Level	Knowledge	Skills	Competences	Example: Italian Education System
1	Basic general knowledge	<ul style="list-style-type: none"> • basic skills required to carry out simple tasks 	<ul style="list-style-type: none"> • work or study under direct supervision in a structured context 	Scuola Primaria e Secondaria di 1° grado
2	Basic factual knowledge of a field of work or study	<ul style="list-style-type: none"> • basic cognitive and practical skills required to use relevant information in order to carry out tasks and to solve routine problems using simple rules and tools 	<ul style="list-style-type: none"> • work or study under supervision with some autonomy 	2° superiore
3	Knowledge of facts, principles, processes and general concepts, in a field of work or study	<ul style="list-style-type: none"> • a range of cognitive and practical skills required to accomplish tasks and solve problems by selecting and applying basic methods, tools, materials and information 	<ul style="list-style-type: none"> • take responsibility for completion of tasks in work or study • adapt own behaviour to circumstances in solving problems 	4° Superiore
4	Factual and theoretical knowledge in broad contexts within a field of work or study	<ul style="list-style-type: none"> • a range of cognitive and practical skills required to generate solutions to specific problems in a field of work or study 	<ul style="list-style-type: none"> • exercise self-management within the guidelines of work or study contexts that are usually predictable, but are subject to change • supervise the routine work of others, taking some responsibility for the evaluation and improvement of work or study activities 	Diploma di Scuola Superiore
5	Comprehensive, specialised, factual and theoretical knowledge within a field of work or study and an awareness of the boundaries of that knowledge	<ul style="list-style-type: none"> • a comprehensive range of cognitive and practical skills required to develop creative solutions to abstract problems 	<ul style="list-style-type: none"> • exercise management and supervision in contexts of work or study activities where there is unpredictable change • review and develop performance of self and others 	Corsi post Diploma (IFTS)
6	Advanced knowledge of a field of work or study, involving a critical understanding of theories and principles	<ul style="list-style-type: none"> • advanced skills, demonstrating mastery and innovation, required to solve complex and unpredictable problems in a specialised field of work or study 	<ul style="list-style-type: none"> • manage complex technical or professional activities or projects, taking responsibility for decision-making in unpredictable work or study contexts • take responsibility for managing professional development of individuals and groups 	Laurea Breve (3 anni)
7	1) Highly specialised knowledge, some of which is at the forefront of knowledge in a field of work or study, as the basis for original thinking and/or research 2) Critical awareness of knowledge issues in a field and at the interface between different fields	<ul style="list-style-type: none"> • specialised problem-solving skills required in research and/or innovation in order to develop new knowledge and procedures and to integrate knowledge from different fields 	<ul style="list-style-type: none"> • manage and transform work or study contexts that are complex, unpredictable and require new strategic approaches • take responsibility for contributing to professional knowledge and practice and/or for reviewing the strategic performance of teams 	Laurea Specialistica (2 anni) Laurea Magistrale (one-block 5-6 anni) Master Universitario di 1° livello (min. 1 anno)
8	Knowledge at the most advanced frontier of a field of work or study and at the interface between fields	<ul style="list-style-type: none"> • the most advanced and specialised skills and techniques, including synthesis and evaluation, required to solve critical problems in research and/or innovation and to extend and redefine existing knowledge or professional practice 	<ul style="list-style-type: none"> • demonstrate substantial authority, innovation, autonomy, scholarly and professional integrity and sustained commitment to the development of new ideas or processes at the forefront of work or study contexts including research 	Phd - Dottorato di Ricerca (min. 3 anni) Master Universitario di 2° livello (min. 1 anno)



Eusafe Workpackages

1. Project Management
2. Quality Plan Activities
3. State of the art evaluation and collaboration with institutions responsible for validation
4. Identification of methods and instruments for the recognition of the new qualification
5. Development of OSH professional qualification
6. Creation of a Community
7. Transfer and dissemination



EUSAFE: the results

- A new profile for OSH professionals based on EQF and ECVET systems to facilitate the OSH Professionals transferability
- Country reports on OSH training
- Educational objectives, learning objectives and learning outcomes, teaching plans and teaching materials link to a specific body of knowledge
- Standardized at EU level based on competence, skill and knowledge
- Flexible instruments to validate, transfer and recognize learning results a network of training centres, professionals, institutions based on existing ENSHPO and ENETOSH networks



WP5 - Project Deliverables

D5.1 – Development of OSH

Professional Qualification

D5.2 – Development of teaching
materials and plans

D5.3 – Development of pilot courses



D5.1 – Development of OSH Professional Qualification

Qualification - Levels 4, 5, 6 and 7

a) **KNOWLEDGE (K)**

b) **SKILLS (S)**

c) **COMPETENCES (C)**

Linked with WP4 description of standards



D5.1 – Development of OSH Professional Qualification

Level 4, Level 5, Level 6 and Level 7
(in sequence)

Draft for discussion *(13Feb 2012)*

UP

Hands-on workshop

(Cyprus, 23-24 Feb 2012)

Consolidate the results



D5.2 – Development of models for teaching materials and plans

Examples of models for each level:

- *Learning Outcomes*
- *Mode of Teaching/Training*
- *Assessment for each type of LO*
- *Credits (ECTS) or points (ECVET)*
(30 Apr 2012)



D5.3 – Survey of suitable courses in accordance with models of D5.2

Examples of existing courses for each level and according to models of D5.2

- Level 4 – (CYSHA)
- Level 5 - (ENSHPO/AIAS)
- Level 6 - (IOSH)
- Level 7 - (VDSI)

(31 May 2012)



Voluntary Stakeholders tasks

Validation, Transfer and Dissemination of Eusafe Project Results

International level

ILO; ISSA; Niosh; ICOH; INSHPO

European Level

*European Agency for Safety and Health (EU-OSHA);
E.U. Trade Unions Associations ; E. U. Employer Associations; E.U.
Insurance Associations; Enshpo members*

Countries levels

Focus Group of:

*Institutions; Regulatory Agency; OSH Professionals; Employer
Associations and trade Union Associations; Qualified OSH Training
Centers; Qualification & Certification Bodies*



EUSAFE: the Consortium

- AIAS – Milano, Italy 
- CySHA – Nicosia, Cyprus 
- ENSHPO – Wigston, United Kingdom 
- IOSH – Wigston, United Kingdom 
- SINERGIE – Reggio nell'Emilia, Italy 
- Universidade do Porto – Porto, Portugal 
- VDSI – Wiesbaden, Germany 



*Eusafe
Project
Impact*



BASIC STATISTICS ON EUROPEAN COUNTRIES

European Union member states

	Area 1 000 km²	Population million	Per capita Gross domestic product PPS (%)
Belgique/België Belgium	31	10.7	30 100
България Bulgaria	111	7.6	10 200
Česká republika Czech Republic	79	10.4	21 200
Danmark Denmark	43	5.5	30 700
Deutschland Germany	357	82.2	28 800
Eesti Estonia	43	1.3	17 500
Éire/Ireland Ireland	70	4.4	36 200
Ελλάδα Greece	132	11.2	25 000
España Spain	505	45.3	26 700
France France	544	63.8	27 900
Italia Italy	301	59.6	25 300
Κύπρος/Cyprus Cyprus	9	0.8	23 900
Latvija Latvia	65	2.3	14 400
Lietuva Lithuania	65	3.4	15 900

	Area 1 000 km²	Population million	Per capita Gross domestic product PPS (%)
Luxembourg Luxembourg	3	0.5	70 500
Magyarország Hungary	93	10.0	16 200
Malta	0.3	0.4	19 800
Nederland The Netherlands	34	16.4	33 800
Österreich Austria	84	8.3	32 299
Polska Poland	313	38.1	14 400
Portugal Portugal	92	10.6	18 800
România Romania	230	21.5	11 100
Slovenija Slovenia	20	2.0	23 600
Slovensko Slovakia	49	5.4	18 300
Suomi/Finland Finland	305	5.3	29 800
Sverige Sweden	411	9.2	31 700
United Kingdom	244	61.2	29 500



Candidate countries

	Area 1 000 km ²	Population million	Per capita Gross domestic product PPS ⁽¹⁾
Hrvatska Croatia	56	4.4	15 200
Republika Jugoslavija Republika Makedonija The former Yugoslav Republic of Macedonia	25	2.0	7 900
Türkiye Turkey	771	70.6	10 900

Figures are for 2008. Source: Eurostat (epp.eurostat.ec.europa.eu).

(1) Gross domestic product is the total value of all goods and services produced within a country in a year. It is often used to express wealth. PPS, purchasing power standard, is a unit representing an identical volume of goods and services in each country, irrespective of price levels. The value of 1 PPS unit corresponds roughly to 1 euro. Figures are forecasts.

(2) 2007.

(3) Source: www.census.gov

Europe in the world

	Area 1 000 km ²	Population million	Per capita Gross domestic product PPS ⁽¹⁾
The 27 European Union countries together	4 234	497.5	25 900
China	9 327	(2) 1 330.0	(2) 4 400
Japan	365	(2) 127.3	28 500
Russia	16 889	(2) 140.7	(2) 12 200
United States	9 159	(2) 303.8	38 900



Thank you for your attention!

