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EU Lifelong Learning Programme 2007-13
Subprogramme Leonardo da Vinci - Call for proposal 2010 EAC/41/09
Priority 1 "Transparency and recognition of competencies and qualifications"
Action "Multilateral Projects of Development of Innovation"
Project Code 510565-2010-LLP-LEONARDO-LMP



Certified Safety VET Trainers (CeSaTra)

An experimental intervention to put in transparency and to recognise the competences of the trainers on safety matter in the European VET systems of the Construction sector

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WP 5 - Definition and signature of the Memorandum of Understanding - MoU ECVET for the professional qualification of VET safety trainer in Construction sector

VET Safety Trainer in Construction MoU ECVET (Memorandum of Understanding ECVET)

Establishment of the European correspondence for the assessment, transfer, and accumulation processes of learning outcomes achieved in formal, informal and non formal contexts

Paris (FR), 19th January 2012

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Introduction

Background to general context of MoU

The need for a continuous renewal of the citizens' knowledge, skills and competence is crucial for the EU's competitiveness and social cohesion, and, in this respect, vocational education and vocational training have a key contribution to make. However, complexity and lack of cooperation between different providers/authorities and between different national systems weaken its impact. These barriers hinder individual citizens from accessing education and training and from combining and accumulating learning outcomes achieved in different learning contexts. They make it difficult for citizens to move within the European Vocational Education and Training (VET) area and the European labour market and to pursue genuine lifelong learning without borders.

One of the main obstacles to attracting more interest in trans-national mobility as part of initial and continuing vocational training and education is the difficulty in identifying, validating and recognising learning outcomes acquired during a stay in another country. Furthermore lifelong learning is taking place increasingly in different countries and in a wide variety of contexts, formal, non-formal and informal.

What is needed, therefore, is a way of enabling people to pursue their learning pathway by building on their learning outcomes when moving from one learning context to another, and from one country to the other.

One of the most important challenges to be faced is the diversity, even fragmentation of education, VET and qualifications systems in Europe. A large number of qualifications and of different competent institutions and actors may be involved. Their activities may include the definition of qualifications, methods for assessing and validating learning, setting training objectives, determining the content of learning outcomes, implementing training programmes. A wide range of providers may also be involved: ministries, agencies, occupational sectors, companies, social partners, chambers, non-governmental organisations, and so forth. In some cases, a national authority may accredit or empower training providers or other actors to prepare and issue qualifications, points, etc. In other cases, these functions can be devolved to the regional level, or to the providers.

Countries have a national framework defining levels of qualifications or a classification for these levels. These frameworks may or may not be geared towards the organisation of education or training cycles. Moreover, depending on the systems, qualifications may be obtained either after only one type of formal training programme or following several kinds of learning processes.

The award of qualifications is based, in some systems, on the accumulation of units of learning outcomes either associated with credit points (United Kingdom, Finland, Sweden...) or without credit points (France, Spain...). Credit systems are sometimes developed within a broader qualifications framework (Scottish and Welsh credit and qualifications framework) or designed for specific qualifications (IFTS system in Italy). Furthermore, depending on the Country, there are many ways of using units and points for learning outcomes and, in certain Countries different practices for the allocation of points for learning outcomes may coexist.

Considering the diversity described above, common conventions and technical principles are required in order to ensure mutual trust and to enable the transfer and recognition of learning outcomes in the context of trans-national mobility.

The Lisbon European Council in 2000 concluded that increased transparency of qualifications and lifelong learning should be two of the main components in the efforts to adapt Europe's education and training systems both to the demands of the knowledge society and to the need for an improved level and quality of employment.

The 2002 Council Resolution on the promotion of enhanced European cooperation in VET (the "Copenhagen Process") emphasised that giving priority to a system of credit transfer for VET was one of the common measures needed in order to promote the transparency, comparability, transferability and recognition of competence and/or qualifications, between different countries and at different levels.

In the 2004 Maastricht Communiqué, the Ministers responsible for VET, the Commission and the European social partners agreed to give priority to the development and implementation of ECVET. This was confirmed by the same group in the 2006 Helsinki Communiqué which calls further development of common European tools namely ECVET.

On these basis, in 2009 was published the specific Recommendation of the European Parliament and of the Council of 18 June 2009 on the establishment of a European Credit System for Vocational Education and Training (ECVET).

Existing provisions for the MoU at European level

The ECVET common European tools belong to a series of European initiatives, including the European Credit Transfer and Accumulation System (ECTS), Europass, the European Quality Charter for Mobility (EQCM), the European principles for the identification and validation of non-formal and informal learning and the European Qualification Framework for lifelong learning (EQF):

- ECTS was promoted by the Recommendation of the European Parliament and Council of 10 July 2001 on mobility within the Community for students, persons undergoing training, volunteers, teachers and trainers, used in higher education. ECVET should be compatible with ECTS so as to enable bridging vocational education and training and higher education.
- Europass was created by Decision No 2241/2004/EC of the European Parliament and of the Council of 15 December 2004 on a single Community framework for the transparency of qualifications and competences.
- The European principles for the identification and validation of non-formal and informal learning were agreed in the form of Council Conclusions in 2004. The implementation of ECVET will take these principles into account.
- EQCM was adopted through the Recommendation of the European Parliament and of the Council of 18 December 2006 on trans-national mobility within the Community for education and training purposes (European Quality Charter for Mobility). It states in point 8 of its Annex that, when mobility is undertaken by individuals, "participants should be provided with assistance to facilitate recognition and certification" of learning outcomes. ECVET is intended to support the quality of individuals' mobility as required by the above mentioned Recommendation.
- EQF was launched by the 2008 Recommendation of the European Parliament and of the Council on the European qualification framework (EQF) as a reference tool for the comparison of qualification levels in national qualifications systems and also

in qualifications systems developed by international sectoral organisations. ECVET will complement and build on common concepts and principles with the EQF. Indeed, ECVET uses EQF as the reference level for qualifications.

- Finally, the establishment of a European Credit System for Vocational Education and Training (ECVET) was object of the Recommendation of the European Parliament and of the Council of 18 June 2009.

ECVET does not apply to the mutual recognition of qualifications in the area of regulated professions, as that is ensured by Directive 2005/36/EC of 7 September 2005, because ECVET is not a tool for granting rights to migrants in recognition of their qualifications acquired in one Member State with a view to exercising a regulated profession in another Member State. In such a case, only the Directive imposes legally binding obligations on Member States' authorities.

Definitions

For the purposes of the Memorandum of Understanding - MoU, the definitions which apply are the following:

- a) "Qualification": a formal outcome of an assessment and validation process which is obtained when a competent institution determines that an individual has achieved learning outcomes to given standards;
- b) "Learning outcomes": statements of what a learner knows, understands and is able to do on completion of a learning process and which are defined in terms of knowledge, skills and competence;
- c) "Unit of learning outcomes" (unit): a component of a qualification, consisting of a coherent set of knowledge, skills and competence, that can be assessed and validated;
- d) "Credit for learning outcomes" (Credit): individuals' set of learning outcomes which have been assessed and which can be accumulated towards a qualification or transferred to other learning programmes or qualifications;
- e) "Competent institution": the institution which is responsible for designing and awarding qualification or recognising units or other functions linked to ECVET, such as allocation of ECVET points to qualifications and units, assessment, validation and recognition of learning outcomes, under the rules and practices of participating countries;
- f) "Assessment of learning outcomes": methods and processes used to establish the extent to which a learner has in fact attained particular knowledge, skills and competence;
- g) "Validation of learning outcomes": the process of confirming that certain assessed learning outcomes achieved by a learner correspond to specific outcomes which may be required for a unit or a qualification;
- h) "Recognition of learning outcomes": the process of attesting officially achieved learning outcomes through the awarding of units or qualifications;
- i) "ECVET points": a numerical representation of the overall weight of learning outcomes in a qualification and of the relative weight of units in relation to the qualification.

General and specific objectives of the MoU

According to the 2009 EU Recommendation, ECVET is a technical framework for the transfer, recognition and, where appropriate, accumulation of individuals' learning outcomes with a view to achieving a qualification. ECVET tools and methodology comprise the description of qualifications in terms of units of learning outcomes with associated points, a transfer and accumulation process and complementary documents such as learning agreements, transcripts of records and ECVET users' guides. ECVET is intended to facilitate the recognition of learning outcomes in accordance with national legislation, in the framework of mobility, for the purpose of achieving a qualification. It should be noted that ECVET does not imply any new entitlement for citizens to obtain the automatic recognition of either learning outcomes or points. Its application for a given qualification is in accordance with the legislation, rules and regulations applicable in the Member States and is based on the following principles and technical specifications:

1. Units of learning outcomes : A unit is a component of a qualification, consisting of a coherent set of knowledge, skills and competence that can be assessed and validated with a number of associated ECVET points. A qualification comprises in principle several units and is made up of the whole set of units. Thus, a learner can achieve a qualification by accumulating the required units, achieved in different countries and different contexts (formal and, where appropriate, non-formal and informal), while respecting national legislation relating to the accumulation of units and the recognition of learning outcomes. The units that make up a qualification should be: — described in legible and understandable terms by referring to the knowledge, skills and competences contained in them, — constructed and organised in a coherent way with regard to the overall qualification, — constructed in a way that enables discrete assessment and validation of learning outcomes contained in the unit. A unit may be specific to a single qualification or common to several qualifications. The expected learning outcomes defining a unit may be achieved irrespective of where or how these have been achieved. Thus, a unit is not to be confused with a component of a formal learning programme or training provision. The rules and procedures for defining characteristics of units of learning outcomes and for combining and accumulating units for a given qualification are defined by competent institutions and partners involved in the training process according to the national or regional rules. The specifications for a unit should include: — the generic title of the unit, — the generic title of the qualification (or qualifications) to which the unit relates, where applicable, — the reference of the qualification according to the EQF level and, where appropriate, the national qualifications framework (NQF) level, with the ECVET credit points associated with the qualification, — the learning outcomes contained in the unit, — the procedures and criteria for assessment of these learning outcomes, — the ECVET points associated with the unit, — the validity in time of the unit, where relevant.

2. Transfer and Accumulation of learning outcomes, ECVET partnerships: In ECVET, units of learning outcomes achieved in one setting are assessed and then, after successful assessment, transferred to another setting. In this second context, they are validated and recognised by the competent institution as part of the requirements for the qualification that the person is aiming to achieve. Units of learning outcomes can then be accumulated towards this qualification, in accordance with national or regional rules. Procedures and guidelines for the assessment, validation, accumulation and recognition of units of learning outcomes are designed

by the relevant competent institutions and partners involved in the training process. Credit transfer based on ECVET and applied to learning outcomes achieved in formal learning contexts should be facilitated by establishing partnerships and networks involving competent institutions, each of which is empowered, in their own setting, to award qualifications or units or to give credit for achieved learning outcomes for transfer and validation. The establishment of partnerships aims to: — provide a general framework of cooperation and networking between the partners, set out in Memoranda of Understanding (MoU) through which a climate of mutual trust is established, — assist the partners in the design of specific arrangements for credit transfer for learners. The MoU should confirm that the partners: — accept each other's status as competent institutions, — accept each other's quality assurance, assessment, validation and recognition criteria and procedures as satisfactory for the purposes of credit transfer, — agree the conditions for the operation of the partnership, such as objectives, duration and arrangements for review of the MoU, — agree on the comparability of qualifications concerned for the purposes of credit transfer, using the reference levels established by EQF, — identify other actors and competent institutions that may be involved in the process concerned and their functions. For applying ECVET to learning outcomes achieved in a non-formal and informal learning context or outside the framework of an MoU, the competent institution which is empowered to award qualifications or units or to give credit should establish procedures and mechanisms for the identification, validation and recognition of these learning outcomes through the award of the corresponding units and the associated ECVET points.

3. Learning agreement and personal transcript : For applying credit transfer involving two partners and a specific mobile learner, a learning agreement is concluded by the two competent institutions involved in the training and validation process and the learner, in the framework of an MoU. It should: — distinguish between competent 'home' and 'hosting' institutions (the 'home' institution is the institution which will validate and recognise learning outcomes achieved by the learner; the 'hosting' institution is the one that delivers training for the learning outcomes concerned and assesses the achieved learning outcomes), — specify the particular conditions for a period of mobility, such as the identity of the learner, the duration of the mobility period, learning outcomes expected to be achieved and the associated ECVET points. The learning agreement should lay down that, if the learner has achieved the expected learning outcomes and these have been positively assessed by the 'hosting' institution, the 'home' institution should validate and recognise them as part of the requirements for a qualification, according to the rules and procedures established by the competent institution. Transfer between partners can apply to learning outcomes achieved in formal and, where appropriate, non-formal and informal contexts. Thus, the transfer of credit for achieved learning outcomes has three stages:

- the 'hosting' institution assesses the learning outcomes achieved and awards credit to the learner; the learning outcomes achieved and the corresponding ECVET points are recorded in a learner's 'personal transcript' (document which details the learners' assessed learning outcomes, units and ECVET points awarded),
- the 'home' institution validates the credit as a suitable record of the learner's achievement,
- the 'home' institution then recognises the learning outcomes that have been acquired; this recognition gives rise to the award of the units and their corresponding ECVET points, according to the rules of the 'home' system.

Validation and recognition by the competent 'home' institution depend on the successful assessment of learning outcomes by the competent 'hosting' institution, in accordance with the agreed procedures and quality assurance criteria.

4. ECVET points : ECVET points provide complementary information about qualifications and units in numerical form. They have no value independent of the acquired learning outcomes for the particular qualification to which they refer and they reflect the achievement and accumulation of units. To enable a common approach for the use of ECVET points, a convention is used according to which 60 points are allocated to the learning outcomes expected to be achieved in a year of formal full time VET. In ECVET the allocation of points usually has two phases: ECVET points are allocated first to a qualification as a whole and then to its units. For a given qualification, one formal learning context is taken as a reference and, on the basis of the convention the total number of points is assigned for that qualification. From this total, ECVET points are then allocated to each unit according to their relative weight within the qualification. For qualifications which do not have a formal learning pathway reference, ECVET credit points can be allocated through estimation by comparison with another qualification which has a formal reference context. To establish the comparability of the qualifications, the competent institution should refer to the equivalent EQF level or, possibly, NQF level, or to the similarity of the learning outcomes in a closely related professional field. The relative weight of a unit of learning outcomes, with regard to the qualification, should be established according to the following criteria or to a combination thereof:

- the relative importance of the learning outcomes which constitute the unit for labour market participation, for progression to other qualification levels or for social integration,
- the complexity, scope and volume of learning outcomes in the unit,
- the effort necessary for a learner to acquire the knowledge, skills and competence required for the unit.

The relative weight of any given unit common to several qualifications, as expressed in ECVET points, may vary from one of these qualifications to another. Allocations of ECVET points are normally part of the design of qualifications and units. They are produced by the competent institution responsible for the design and maintenance of the qualification or specifically empowered for this task. In countries where there is already a national system of points, the relevant competent institutions establish arrangements for the conversion of national credit points to ECVET points. The successful achievement of a qualification or of a unit triggers the award of the associated ECVET points, independently of the actual time required to achieve them. Usually the transfer of a unit entails the transfer of the corresponding ECVET points so that they are included when the transferred learning outcomes are recognised, in accordance with national or regional rules. It is up to the competent institution to reconsider, where necessary, the ECVET points to be taken into account, as long as the rules and methodologies which are laid down for this purpose are transparent and underpinned by quality assurance principles. Any qualification acquired through non-formal or informal learning for which a formal learning pathway reference can be identified, and the corresponding units, carry the same ECVET points as the reference, since the same learning outcomes are being achieved.

The "Certified Safety VET Trainers - CeSaTra" multilateral project of development of innovation (MP DoI), which is underway within the sectoral programme Leonardo da Vinci of the EU Lifelong Learning Programme 2007-13, was designed to achieve the

general objectives mentioned above with particular reference to the Construction sector, focussing on putting in transparency and recognition of competences of the trainers on safety matter in the European VET systems of the Construction sector.

The project is financed within the priority 1 "Transparency and recognition of competencies and qualifications" of the Leonardo da Vinci MP DoI projects, and as such it is aimed to apply the European tools and frameworks EQF and ECVET to people operating as safety trainers in the European VET systems of Construction sector, particularly through the establishment of a MoU ECVET defining the qualification field in terms of learning outcomes, mapping it onto the EQF via national qualifications frameworks and systems, designing qualification in transferable units of learning outcomes with allocation of credit points, and by means of its enforcement (Learning Agreements, Credits Awarding, Transfer Validation and Accumulation) through related VET programmes with flexible devices for validation, transfer and recognition of learning outcomes achieved in formal, informal and non formal contexts, also mainstreaming and multiplying these results.

The project Consortium and associated partnership includes important representative and VET organisations of Construction sector at national, regional and local level (in Italy, *Centro per la Formazione e Sicurezza in Edilizia di Arezzo*; in Belgium, *Formation PME Liège-Huy-Waremme*; in Germany, *BZB - Bildungszentren des Baugewerbes e. V.*; in Spain, *Fundación Laboral de la Construcción del Principado de Asturias*; in Poland, *Związek Zawodowy "Budowlani"*), public institutions competent in VET and safety matter at regional and local level (in particular, the Italian *Regione Toscana, Provincia di Arezzo, Provincia di Perugia, Istituto Nazionale per la Previdenza Sociale, Istituto Nazionale per gli Infortuni sul Lavoro, Azienda Sanitaria Locale 8, and Direzione Provinciale del Lavoro di Arezzo*) and VET specialised organisations (the French *Centre de Ressources pour le Développement* and *Centre Régional pour le développement, la formation et l'insertion des jeunes*, and the Swiss *Fondazione ECAP*). The project is developed also with the support of organisations at regional and national level, grouped within the *European Inter-institutional Group for the CeSaTra project*, as the Italian national VET organisations of Construction sector *FORMEDIL - Ente Nazionale per la Formazione e l'Addestramento Professionale nell'Edilizia*, and the *Comitato Consultivo Provinciale INAIL di Arezzo*.

The project is aimed to the organisation and realisation of the 4 fundamental steps of the ECVET process:

- Phase 1 - Establishment of the European Partnership: to establish the correspondence between qualification (units and credit units) and the learning outcomes interested by the transfer, as well as the evaluation, transfer and validation (units/unit parts) the project partners, the social partners of the Construction sector and the public institutions competent in VET and in safety matter at the different levels of the participating Countries will undersign this Memorandum of Understanding – MoU ECVET;
- Phase 2 - Learning Agreements ECVET: definition and signature (by trainers on safety matter interested to recognition of professional qualification, by related enterprises and by concerned VET providers) of the individual Learning Agreements ECVET describing, in compliance with the MoU, the training process in formal, informal and non formal contexts, and the related ECVET credits to be obtained to gain the qualification;

- Phase 3 - ECVET Credits Awarding: awarding to the involved trainers, by the concerned VET providers at the end of the training process, of the ECVET credits related to verified learning outcomes, utilising Europass Certificate Supplement;
- Phase 4 - Transfer, validation and accumulation of the awarded ECVET credits in the sectoral and territorial VET systems involved in the MoU, in compliance with national and regional rules on certification ways and procedures, formal, non-formal and informal learning validation, qualification bodies.

As yet, the project implementation process has been centred on the preparation of the useful documentation at the aim of the Memorandum of Understanding – MoU signing, particularly the design of qualification of safety trainer in European VET systems of Construction sector, defined in a shared way starting from a perimeter of professional figures operating as trainers on safety matter in participating Countries, and following the strategies, activities and tools to be used by the partners to activate and develop the ECVET process for safety trainers in Construction sector, defined on the basis of best practices collected, analysed and selected for ECVET process in Constructions.

In particular, the project activities has until now allowed the definition of a trans-national document, shared by all the participating European partners, which describes in terms of activities, tasks, skills and knowledge, units of learning outcomes and correspondence between units and associated credit points, the professional figure of the “Safety Trainer in Construction sector” (see Appendix 1 of this MoU).

Form and content of the MoU

Participants

The MoU is an agreement open to all the interested organisations and in particular to public authorities competent in VET and safety matter, to social partners and VET providers operating in Construction sector and to other interested Parties, to implement the MoU at European, national, regional, local and sectoral level, starting from the partners of the Leonardo da Vinci MP DoI project “Certified Safety VET Trainers - CeSaTra” and by the organisation adhering and collaborating to this.

Purpose of the MoU

For applying ECVET in the participating Countries to learning outcomes achieved in formal, non-formal and informal learning context namely for the Construction sector, in particular for the professional figure of “Safety Trainer in Construction sector”, this MoU establishes that each participant:

- accepts each other’s status as interested actors and/or competent institutions;
- accepts each other's quality assurance, assessment, validation and recognition criteria and procedures as satisfactory for the purposes of credit transfer;
- agrees the conditions for the operation of the partnership, such as objectives, duration and arrangements for review of the MoU;
- agrees on the comparability of qualification concerned for the purposes of credit transfer, using EQF to establish the reference levels;
- identifies other actors and competent institutions that may be involved in the process concerned and their functions;
- agrees that, during the implementation of MoU, it will be ensured a “preferential lane” for people with disabilities and migrant background, and for ethnic minorities, within all users of the process.

Ratification and effectiveness of the MoU

This MoU has been duly executed and signed by an official representative of each of signatories. MoU shall come into effect for each party from the date of its signature.

This MoU and its Appendixes shall be executed in English and in the national languages of the signatories.

This MoU includes two Appendixes:

- Appendix 1, describing in terms of activities, tasks, skills and knowledge, units of learning outcomes and correspondence between units and associated credit points, the professional figure of the "Safety Trainer in Construction sector";
- Appendix 2, meant to outline the mechanisms for the implementation of the MoU.

EU Construction VET Safety Trainer Qualification

Activities, tasks, skills and knowledge, competences / learning outcomes
units characterising the
“Safety Trainer in Construction sector”
professional qualification, and correspondence
between units and associated ECVET credit points

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Section A – Activities, tasks, skills, knowledge, competences / units of learning outcomes and ECVET credits related to training transversal competences

Activity Areas	Activities	Tasks	Skills and Knowledge	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Administration	Organisation and planning	Participation in student recruitment and marketing	Know about interviewing techniques and recruitment procedures	Support the administration of training interventions and projects, participating to organisation, planning, and management of them	10	Participate to administrative organisation and planning of training interventions	5
		Participation in student selection	Know the basics of HRM Have skills to negotiate/record learning				
		Recording progress of students	Procedures for tracking/recording student progress and progression routes				
		Recording own activities	ICT skills				
		Scheduling and organisation of courses	Have team-work and communication skills				
		Engaging in teamwork and cooperation with all staff	Be familiar with induction procedures				
		Guiding new colleagues					
	Project management	Writing project applications	Know national and international development resources and their conditions				
		Setting up partnerships	Have project management knowledge and skills				
		Detecting funding opportunities	Have budgeting knowledge and skills				
		Managing projects	Have team-work and communication skills				
		Planning and follow-up of project finances	Have intercultural skills				
		Reporting					

Training	Planning	Designing courses/programmes (in cooperation with colleagues and enterprises)	<p>Know the curricula: objectives and defined learning outcomes</p> <p>Know tools or sources for learning needs analysis and understand their effect on training</p> <p>Know national and international educational policy</p> <p>Possess language skills</p> <p>Recognise developments in the labour market and recognise their relevance to the training</p> <p>Know learning theories and teaching strategies</p> <p>Be able to adapt learning content to students' capabilities</p> <p>Have team-work and negotiation skills</p>	Plan and provide training interventions and learning opportunities, facilitating in learning, and assessing and evaluating the learning process and outcomes	30	Plan training interventions and learning opportunities, according to verified needs and priorities	6
		Analysing and taking into account learning needs of students and labour market					
		Linking training to political and societal priorities					
		Linking training to wider world					
		Planning learning events and processes: structure, content and materials					
		Setting up individual learning plans					
		Organising learning in workplace in cooperation with enterprises					
	Facilitation in learning	Managing and delivering learning process and event	<p>Know learning and teaching theories</p> <p>Have skills to present information clearly and effectively</p> <p>Have skills to deliver learning in a varied and flexible way</p> <p>Have a command of learning environments, e.g. virtual ones</p> <p>Know developments in professional field, both nationally and internationally</p> <p>Know about learning</p>			Provide training interventions and learning opportunities adapted to individuals and groups, facilitating and accompanying them in the learning and qualification process	18
		Linking training to practice					
		Facilitating learning					
		Supporting, motivating and guiding students					
Dealing with disruptions							

		Creating and using resources and materials	<p>difficulties and psychology Have skills to detect and identify learning difficulties</p> <p>Cooperating with homes Know guidance and counselling theories and techniques Be aware of equality and equity issues, special education needs and inclusion, multiculturalism</p> <p>Supporting and guiding students in transitions to work-based training and labour market Know classroom management theories and practices Have skill to create safe learning environment and manage student relationships Have interpersonal skills Know the world of work, developments in own field</p>					
		Cooperating with homes						
		Supporting and guiding students in transitions to work-based training and labour market						
	Assessment & evaluation	Administering diagnostic skills tests	<p>Know assessment theories, techniques and tools Have a global understanding of training and relation to work based training Have interpersonal skills</p>			Assess and evaluate learning processes and outcomes	6	
		Assessing learning achievements of students (in cooperation with colleagues and trainers)						
		Monitoring in-company trainers						
		Giving feedback to support the students' learning and professional development of trainers						

Development & quality assurance	Developing oneself	Following developments in own field, e.g. selecting and reading professional literature	Be aware of the importance of own PD for own work Be able to reflect on own practice and recognise skills needs (vocational, pedagogical, didactical, personal)	Provide for own continuing professional development, and support the organisational development, also applying the QA principles and tools	10	Provide for own continuing professional development	3
		Planning own long-term professional development (PD)	Be able to integrate their new learning or research into teaching				
		Finding continuing professional development (CPD) opportunities	Be able to transfer development in the field into training				
		Participating in CPD					
		Recording and sustaining CPD activities					
	Developing institution / workplace / company	Involvement in departmental and institutional development	Know theories on learning organisations Be aware of the importance of an institutional approach to development				
		Developing new organisation, methods and materials within teams and projects	Government policies and initiatives Employer priorities and practices				
		Developing learning in workplace in cooperation with enterprises	Know international objectives, priorities and tools Have skills for project work: management and team-work skills, interpersonal and intercultural awareness				
		Developing the training provision of the organisation	Know the core mission/business process and administrative routines of the institution/company Be aware of the importance of developing the training provision for the quality of training Have communication and interpersonal skills				
		Support the organisational development of VET providers and of informal and non formal training contexts	3				

	Quality Assurance (QA)	Contributing to the QA of the institution	Know QA theory, principles, systems and tools Know purpose and utilisation of outcomes of QA cycle Have skills to plan the QA procedures Be able to record and analyse feedback Have skills to utilise feedback and QA results to improve the operations and activities of organisation			Apply the QA principles and tools to organisation and oneself activities	4
		Participating in design of QA tools					
		Collecting feedback and data					
		Contributing to applying QA results for development of institution					
		Planning improvements					
		Self-assessment					
Networking	Internal networking	Engaging in institutional networks and teams	Know about effective team working Be familiar with management of change Be able to work collaboratively with and support colleagues Have interpersonal and communication skills	Participate to internal and external networking	10	Participate to internal networking of own organisation engaging in internal networks and teams and promoting peer learning within them	5
		Developing own institution through networks and teams					
		Promoting peer learning in networks and teams					
	External networking	Liaising with external educational networks, e.g. other educational institutions	Be able to recognise and find external bodies (national and international) to liaise with Be aware of international networking opportunities Know national, international and EU policies Know how to integrate international perspective to curriculum and teaching Know EU tools (ECVET, EQF, Europass) Be aware of virtual professional and learning communities			Participate to external networking of own organisation, liaising and cooperating with educational and professional organisations and networks and with world of work and production, also at international level	5
		Networking with world of work					
		Cooperating with labour market and stakeholders					
		Taking part in international networks and cooperation					
		Internationalising teaching content					
		Finding cooperation partners, e.g. for projects/mobility					
	Engaging in professional networks						

Section B –Activities, tasks, skills, knowledge, competences / units of learning outcomes and ECVET credits related to training competences in safety
Common sub-section

Activity Areas	Activities	Tasks	Skills and Knowledge	Competence s / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competence s / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on EU rules for safety and health of workers at work	Determining the EU Safety and Health Legislation requirements of the training (in particular: determining the EU Safety and Health Legislation skill requirements of the training specification and the EU Safety and Health Legislation requirements of the training context, and utilising validated tools and other sources of information to determine existing EU Safety and Health Legislation skills of learners)	Have EU Safety and Health Legislation skills to deliver effective training and assessment, to make judgements about the EU Safety and Health Legislation requirements of learner skill levels and training, to liaise with appropriate external authorities and to interpret a wide range of documents related to EU Safety and Health Legislation Know definitions of EU Safety and Health Legislation skills, and the methodology to determine skill levels Know EU policy on the integration of EU Safety and Health Legislation into training Know EU Directives on Occupational Safety and Health: OSH Framework Directive (Directive 89/391) and Directives on Workplaces, equipment, signs, personal protective equipment, Exposure to chemical agents and chemical safety, Exposure to physical hazards, Exposure to biological agents, Provisions on workload, ergonomic and psychosocial risks, Sector specific and worker related provisions (particularly, Directive 94/33 on protection of young people at work, Directive 92/57 on implementation of minimum safety and health requirements at temporary or mobile	Provide training interventions and learning opportunities on EU Safety and Health Legislation	15	Provide training interventions and learning opportunities on EU Safety and Health Legislation	15

		<p>Customising program to develop EU Safety and Health Legislation skills (in particular: selecting and customising or developing learning and assessment materials that are appropriate to EU Safety and Health Legislation skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required EU Safety and Health Legislation skills, and continuously monitoring and evaluating approaches to determine areas for improvement)</p>	<p>construction sites, Directive 91/383 supplementing measures to encourage improvements in safety and health at work of workers with a fixed-duration employment or a temporary employment relationship, Directive 2006/54 - equal opportunities, Directive 2002/73 - equal treatment, etc.).</p> <p>Know EU Guidelines on Occupational Safety and Health: Guidance on risk assessment at work - Directive 89/391, Community strategy 2007-2012 on health and safety at work, Non-binding guide to good practice for work at a height, Practical guidelines of a non-binding nature on protection of health and safety of workers from risks related to chemical agents at work, Agreement on workers health protection through good handling and use of crystalline silica and products containing it, Non-binding guide to good practice for minimum safety and health requirements regarding exposure of workers to risks arising from physical agents (noise), Non-binding guide to good practice on minimum health and safety requirements regarding exposure of workers to risks arising from physical agents (vibrations), Recommendation 1999/519 on limitation of exposure to electromagnetic fields, EU guidelines for control and prevention of travel associated legionnaires' disease, Framework agreement on harassment and violence at work, Framework agreements and guidance on work-related stress, Recommendation of 18.02.2003 concerning improvement of protection of health and safety at work of self-employed workers, etc.</p> <p>Know EU Standards on Occupational Safety and Health adopted by European standardisation organisations: European Committee for Standardization, European Committee for Electrotechnical Standardization, and European Telecommunications Standards Institute</p>				
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Italian Addendum

Activity Areas	Activities	Tasks	Skills and Knowledge	Competence s / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competence s / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on Italian national rules on safety and health of workers at work	Determining the Italian Safety and Health Legislation requirements of the training (in particular: determining the Italian Safety and Health Legislation skill requirements of the training specification and the Italian Safety and Health Legislation requirements of the training context, and utilising validated tools and other sources of information to determine existing Italian Safety and Health Legislation skills of learners)	<p>Have Italian Safety and Health Legislation skills to deliver effective training and assessment, to make judgements about the Italian Safety and Health Legislation requirements of learner skill levels and training, to liaise with appropriate external authorities and to interpret a wide range of documents related to Italian Safety and Health Legislation</p> <p>Know definitions of Italian Safety and Health Legislation skills, and the methodology to determine skill levels</p> <p>Know Italian policy on the integration of national Safety and Health Legislation into training</p> <p>Know Italian legislation on Occupational Safety and Health: "Decreto legislativo 9 aprile 2008, n. 81 - Testo unico in materia di salute e sicurezza nei luoghi di lavoro", as integrated by the "Decreto legislativo 3 agosto 2009, n. 106", and</p>	Provide training interventions and learning opportunities on Italian Safety and Health Legislation	15	Provide training interventions and learning opportunities on Italian Safety and Health Legislation	15

		<p>Customising program to develop Italian Safety and Health Legislation skills (in particular: selecting and customising or developing learning and assessment materials that are appropriate to Italian Safety and Health Legislation skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required Italian Safety and Health Legislation skills, and continuously monitoring and evaluating approaches to determine areas for improvement)</p>	<p>eventual regional legislation</p> <p>Know Italian Guidelines on Occupational Safety and Health: Guidelines on occupational safety and health (technical guides, guides for the risk assessment, guides for the occupational health and safety management systems, guidelines on legislation) defined by "Ministero del Lavoro e delle Politiche Sociali", "ISPESL - Istituto Superiore per la Prevenzione e la Sicurezza del Lavoro" and "INAIL - Istituto Nazionale Assicurazione contro gli Infortuni sul Lavoro" ("Legge 30 luglio 2010, n. 122" has assigned to INAIL the functions previously performed by ISPESL), and eventual regional guidelines</p>				
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Spanish Addendum

Activity Areas	Activities	Tasks	Skills and Knowledge	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on Spanish national rules for safety and health of workers at work	Customising program to develop Spanish Safety and Health Legislation skills	<ul style="list-style-type: none"> - Basics of the techniques to improve the working conditions. - Knowledge about preventive techniques of safety at work. - Knowledge concerning preventive techniques of occupational risks in industrial hygiene matters. - Knowledge related to preventive techniques of occupational risks in occupational medicine. - Knowledge about prevention techniques of occupational risks in ergonomics and applied social psychology. - Knowledge about the management of occupational risks prevention. - Knowledge concerning related techniques (product safety and quality management systems, environmental management and road safety). - Knowledge related to the legal field of prevention. 	Provide training interventions and learning opportunities on Spanish Safety and Health Legislation	15	Provide training interventions and learning opportunities on Spanish Safety and Health Legislation	15

German Addendum

Activity Areas	Activities	Tasks	Skills and Knowledge	Competence s / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competence s / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on German national rules for safety and health of workers at work	Determining the German Safety and Health Legislation requirements of the training (in particular: determining the German Safety and Health Legislation skill requirements of the training specification and the German Safety and Health Legislation requirements of the training context, and utilising validated tools and other sources of information to determine existing German Safety and Health Legislation skills of learners)	<p>Have German Safety and Health Legislation skills to deliver effective training and assessment, to make judgements about the German Safety and Health Legislation requirements of learner skill levels and training, to liaise with appropriate external authorities and to interpret a wide range of documents related to German Safety and Health Legislation</p> <p>Know definitions of German Safety and Health Legislation skills, and the methodology to determine skill levels</p> <p>Know German policy on the integration of national Safety and Health Legislation into training</p> <p>Know German legislation on Occupational Safety and Health:</p> <p>In the following laws, regulation, rules and hints concerning occupational safety and health (OSH) are listed:</p> <p>Federal laws (Bundesgesetz):</p> <ul style="list-style-type: none"> ➔ Arbeitsschutzgesetz / Law for measurements of work safety to improve safety at work of the employees ➔ Arbeitssicherheitsgesetz / Law for the tasks of occupational medicines, safety engineers, specialists for work safety ➔ Geräte- und Produktsicherheitsgesetz / Law about safe technical devices and products 	Provide training interventions and learning opportunities on German Safety and Health Legislation	15	Provide training interventions and learning opportunities on German Safety and Health Legislation	15

		<p>Customising program to develop German Safety and Health Legislation skills (in particular: selecting and customising or developing learning and assessment materials that are appropriate to German Safety and Health Legislation skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required German Safety and Health Legislation skills, and continuously monitoring and evaluating approaches to determine areas for improvement)</p>	<ul style="list-style-type: none"> ➔ Gesetz für Ordnungswidrigkeiten / Law about supervision in companies ➔ Sozialgesetzbücher / Books of social laws regarding social affairs <p>Regulations (Verordnungen):</p> <ul style="list-style-type: none"> - Arbeitsstättenverordnung / regulation about the protection of employees in their work areas - Berufskrankheiten – Verordnung / regulation about diseases caused by work - Betriebssicherheitsverordnung / regulation about health and safety concerning the use of work devices (tools, materials, machines etc) and their use for work, Safety for special facilities, organisation of Work safety in the company - Bildschirmarbeitsverordnung / regulation about using screens and monitors for work - Biostoffverordnung / regulation about health and safety while working with biological materials - Druckluftverordnung / regulation about working under or in air pressure / diving bells - Gefahrstoffverordnung / regulation about protection against dangerous materials - Lärm- und Vibrations-Arbeitsschutzverordnung / regulation about protection of employees against noise and vibrations - Lastenhandhabungsverordnung / regulation for health and safety regarding manual handling of heavy loads during work - Maschinenverordnung / regulation about machine and product safety - PSA Benutzungsverordnung / regulation about health and safety while using personal safety advices - Strahlenschutzverordnung / regulation about protection against ionic / radioactive activities (beams) - Straßenverkehrs-Ordnung / regulations for 				
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			<p>the participation in public traffic</p> <ul style="list-style-type: none"> - Verordnung zur arbeitsmedizinischen Vorsorge / regulation for preventional medical checkups against occupational diseases - Verordnung zum Geräte- und Produktsicherheitsgesetz / additional regulations to the law about safe products and devices <p>Guide lines (Richtlinien):</p> <ul style="list-style-type: none"> - Arbeitsstätten-Richtlinien / guidelines for special aspects of work like air-conditioning, temperature, illumination etc. and for special fields of work areas like doors, protection against falling down, fire distinguisher etc. <p>Technical rules (Technische Regeln):</p> <ul style="list-style-type: none"> - für Arbeitsstätten / rules for safety signs, escape ways, escape exits, safety lights - für biologische Arbeitsstoffe / rules for biological materials - für Gefahrstoffe / rules for dangerous materials - für Betriebssicherheit / rules for foolproofness <p>Know German Guidelines on Occupational Safety and Health: Guidelines on occupational safety and health (technical guides, guides for the risk assessment, guides for the occupational health and safety management systems, guidelines on legislation) defined by federal laws, regulations of social partners and accident prevention and insurance association (Berufsgenossenschaften)</p>				
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Belgian Addendum

Activity Areas	Activities	Tasks	Skills and Knowledge	Competence s / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competence s / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on Belgian national rules for safety and health of workers at work	Customising program to develop Belgium’s safety and health legislation skills, particularly VCA Safety for operational senior executives (VOL-VCA) for foremen, buildings sites managers, building sites foremen, building sites administrators	<ul style="list-style-type: none"> - Knowledge about General company policy, safety organisation and managers involvement. - Identify and analysis of the companies risks, policy on safety - Knowledge related to employees training, communicated information and instructions they receive resulting from analyse of the risks , - Knowledge about communication and consultation inside the company - Knowledge concerning establishment of projects plans for important building sites - Knowledge about Protection of the environment - Knowledge related to the preparation to emergency situations - Knowledge about the inspection of working places - Knowledge about working medicine - Knowledge about purchase and inspection of the equipment - Knowledge about purchase of services and subcontracting - Identify accident, enquiries, analysis of dangerous situations - Knowledge related the checkout of accidents frequency 	Provide training interventions and learning opportunities on Belgian Safety and Health Legislation	15	Provide training interventions and learning opportunities on Belgian Safety and Health Legislation	15

			<p>recommendations, and resources such as methods, procedures and tools of the agencies responsible for risk prevention in France (social Security, INRS, OPPBTP etc.).</p> <ul style="list-style-type: none"> - How prevention is integrated in the management of the company. - The functions, duties and responsibilities of managers in the prevention of occupational risks. - The organization and planning of prevention in the company and how prevention is integrated in the management - The functions, duties and responsibilities of managers in the prevention of occupational risks. (safety coordinator,...) - coordination general Plan in security and protection in the company - the stakeholders of prevention in the company (see site http://www.travail-emploi-sante.gouv.fr/espaces,770/travail,771/dossiers,156/sante-et-securite-au-travail,301/informations-generales,1570/les-acteurs-de-la-sante-et-de-la,2150.html) - Guides, manuals - Documents, articles, flyers 				
		<p>Training on the legal obligations of health and safety in construction</p>	<ul style="list-style-type: none"> • Train the logic of the regulation (European, national), the Labour Code Article L.4121-2 of the obligations of the employers and employees • Advise on the role and obligations of the contractor, owner and safety coordinator • Information on the closing of an institution and its regulation • Information on the standardization 				

			<ul style="list-style-type: none"> • Provide information on the obligations for training the staff <p><i>CSMPA=</i> Needed references on legislation and regulation in a building company Rights and obligations of workers in a building company Standards on prevention and obligations on health and security matters in a building company See sites : i.e. http://vosdroits.service-public.fr/F2210.xhtml - le PPS (PLAN PARTICULIER DE SECURITE ET DE PROTECTION DE LA SANTE) http://www.oppbtp.fr/aide_technique/faq/plan_de_prevention_ppsps</p>				
		In the framework of risk management in the company, explain the characteristics of analytical methods	<ul style="list-style-type: none"> • Characterize the methods of analysis of accidents • Characterize the study methods of risks • Characterize the selection criteria and the effectiveness of prevention measures <p><i>CSMPA=</i> - Methods to analyze risks - Methods to study accidents Guides, manuals, sites i.e. the CRAMIF (see : http://www.cramif.fr/risques-professionnels/risques-professionnels-prevention-formations-risques-professionnels.asp) - Guides, manuals - Documents, articles, flyers</p>				
		Inform on the necessary	<ul style="list-style-type: none"> • Identify, explore the documents • Explain their importance, their rationale, objectives 				

		documents (on health, safety and security) on a building site	<p><i>CSMPA</i>=</p> <ul style="list-style-type: none"> - le PPS (PLAN PARTICULIER DE SECURITE ET DE PROTECTION DE LA SANTE http://www.oppbtp.fr/aide_technique/faq/plan_de_prevention_ppsps) -The DU (document unique)http://www.dmt-prevention.fr/htm/de_evaluation_risques_management_la_sante_la.html - Guides, manuals, - Documents, articles, flyers sites i.e. the CRAMIF (see : http://www.cramif.fr/risques-professionnels/risques-professionnels-prevention-formations-risques-professionnels.asp) i.e chambers of commerce and industry : http://www.icsi-eu.org/francais/dev_cs/cahiers/guide_sante_securite_au_travail.pdf i.e CRAM http://www.cram-alsace-moselle.fr/Prevent/doc/docbtp.htm 				
		Provide information on safety devices and systems on a building site	<ul style="list-style-type: none"> • Identify safety committees • Provide information on alarms • Provide information on the safety devices <p><i>CSMPA</i>=</p> <ul style="list-style-type: none"> -the regulations, classification and directions of use for the individual protection equipments (head, eyes and face, ears, respiratory, hands, feet and body) -security signalling (code, form and colour) - the types of risks and preventive techniques. - security plans and studies, plan schedules and preventive phases. 				

			<ul style="list-style-type: none"> - organs and bodies involved in the management of prevention. - documents, articles <p>Sites i.e. http://www.travailler-mieux.gouv.fr/Les-organismes-de-la-prevention-en.html</p>				
		In the framework of the risk management in the company, explain the different characteristics of analytical methods	<ul style="list-style-type: none"> • Characterize the methods of analysis of accidents • Characterize the study methods of risk • Characterize the selection criteria or effectiveness of prevention measures <p><i>CSMPA</i>=</p> <ul style="list-style-type: none"> - the types of risks and preventive techniques. - security plans and studies, plan schedules and preventive phases. -Methods to analyse risks -Methods to study accidents -Guides, manuels - Documents, articles, flyers <p>sites i.e. the CRAMIF (see : http://www.cramif.fr/risques-professionnels/risques-professionnels-prevention-formations-risques-professionnels.asp)</p> <p>i.e. CRAM http://www.cram-alsace-moselle.fr/Prevent/doc/pdfreco/evalbtp.pdf</p>				
		Provide elements which show how to behave and actions to be taken in case of accident or	<ul style="list-style-type: none"> • Apply the procedures in use <p><i>CSMPA</i>= (see site OPPBTP: www.oppbtp.fr/) http://www.oppbtp.fr/documentation/fiches_prevention2 http://www.oppbtp.fr/documentation/fiches_epimetiers</p>				

		disaster	<ul style="list-style-type: none"> - Guides, manuals, - Documents, schemes, articles, flyers 				
		Analyze and assess risks in a given situation (in simulated conditions: case studies)	<ul style="list-style-type: none"> • Analyze a building project • Collect relevant in a given situation to identify and analyze risks <p><i>CSMPA=</i></p> <ul style="list-style-type: none"> - the types of risks and preventive techniques. - security plans and studies, plan schedules and preventive phases. -Methods to analyse risks -Methods to study accidents -Guides, manuals, sites i.e. the CRAMIF (see : http://www.cramif.fr/risques-professionnels/risques-professionnels-prevention-formations-risques-professionnels.asp) i.e. CRAM http://www.cram-alsace-moselle.fr/Prevent/doc/pdfreco/evalbtp.pdf -criteria and indicators for assessing risks - Guides, manuals, - Documents, schemes, articles, flyers, case studies 				
	Teach how to implement the security measures	How to participate in the organization and implementation of prevention themes on health, safety and security , on an organizational, technical, human point of view	<ul style="list-style-type: none"> • participate in the organization of the prevention of these themes • participate in the implementation of the prevention in these themes* • *Themes = • The commitment of management team • Risk management • Lessons learned from action • Staff training • Regulatory monitoring • Work equipment • The organization of building sites 	3 – Implement the security measures in the company and on the on a building site	5	3 .1 Implement the security measures in the company and on the on a building site -Prevention themes -Self protection and collective protections -alert and	5

			<ul style="list-style-type: none"> • Hygiene and health • The environment <p>CSMPA= Sites: i.e. Chambers of commerce and industry http://www.enviroveille.com/public/documents/guide_123securite.pdf http://www.midi-pyrenees.cci.fr/upload/guide_bonnes_pratiques.pdf i.e. http://www.risques-pme.fr/la-demarche-de-prevention/organiser-la-prevention.aspx</p> <ul style="list-style-type: none"> - Guides, manuals, - Documents, schemes, articles, flyers, - case studies 			rescue	
		Teach How to protect oneself, other people. How to protect the working place environment, implementing the general principles of prevention (phase design +implementation phase)	<ul style="list-style-type: none"> • Endorse of a prevention approach on the site, taking into account : • the variety of measures to implement on a site: on access, ways and areas for moving, protection, handling, work procedures • the coactivity and all the trades on the building site • Participate in the implementation of health and safety, security • Establish the necessary protective elements (general protections of the site / specific protections to each trade on a building site/ personal protection /collective protection ...) signalling • Ensure compliance with the requirement of standards when purchasing equipments and materials 			3.2 Act in a process of continuous improvement in the prevention	

			<p>health and security</p> <ul style="list-style-type: none"> • Ensure self training (Basic + continuous, updating knowledge) <p><i>CSMPA</i>=</p> <ul style="list-style-type: none"> -the regulations, classification and directions of use for the individual protection equipments (head, eyes and face, ears, respiratory, hands, feet and body) -security signalling (code, form and colour) - the types of risks and preventive techniques. - security plans and studies, plan schedules and preventive phases. - organs and bodies involved in the management of prevention. - documents, articles - (see site OPPBTP: www.oppbtp.fr/) http://www.oppbtp.fr/documentation/fiches_prevention2 http://www.oppbtp.fr/documentation/fiches_epimetiers - Guides, manuals, - Documents, schemes, articles, flyers 				
		Teach how to alert and rescue in case of accident / incident	<ul style="list-style-type: none"> • Alert, use alarm systems, coordination actions • Practise evacuation, making groups, transmitting of instructions • Use rescue means • Participate to perform the extinction of an outbreak of fire • Perform first aid and use the skills of staff trained in first aid • Know the limits of one's action, according to the context 				

			<p>pratique.com/pages/dossiers/quefaire.htm</p> <p>http://www.croix-rouge.fr/Je-me-forme/Particuliers/Les-6-gestes-de-base</p> <ul style="list-style-type: none"> - Guides, manuals, - Documents, schemes, articles, flyers 			
		Teach how to fill the necessary paperwork	<ul style="list-style-type: none"> • Use basic paperwork for health and safety • Record and report accidents <p><i>CSMPA=</i></p> <ul style="list-style-type: none"> - Guides, manuals, - Documents, articles, flyers - case studies - sites i.e. the CRAMIF (see : http://www.cramif.fr/risques-professionnels/risques-professionnels-prevention-formations-risques-professionnels.asp) <p>i.e chambers of commerce and industry : http://www.icsi-eu.org/francais/dev_cs/cahiers/guide_sante_securite_au_travail.pdf</p>			
		Act in a process of continuous improvement in the prevention of occupational hazards	<ul style="list-style-type: none"> • Participate to maintain an optimum level of safety and security on construction sites • Participate to improve knowledge of the risks <p><i>CSMPA=</i></p> <p>The DU (document unique) http://www.dmt-prevention.fr/htm/de_evaluation_risques_management_la_sante_la.html</p> <ul style="list-style-type: none"> - le PPS (PLAN PARTICULIER DE SECURITE ET DE PROTECTION DE LA SANTE http://www.oppbtp.fr/aide_technique/faq/plan_de_prevention_ppsps) - Guides, manuals, standards - Documents, schemes, articles, flyers - Sites : i.e chambers of commerce and 			

			industry : http://www.enviroville.com/public/documents/guide_123securite.pdf i.e. CRAM http://www.cram-alsace-moselle.fr/Prevent/doc/docbtp.htm				
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Swiss Addendum *

Activity Areas	Activities	Tasks	Skills and Knowledge	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
<p>Training on rules for safety and health of workers at work</p>	<p>Training on Swiss national rules for safety and health of workers at work</p>	<p>Determining the Swiss Safety and Health Legislation requirements of the training (in particular: determining the Swiss Safety and Health Legislation skill requirements of the training specification and the Swiss Safety and Health Legislation requirements of the training context, and utilising validated tools and other sources of information to determine existing Swiss Safety and Health Legislation skills of learners)</p>	<p>The Safety experts know the Swiss law, in particular: Law 1 July 2010 (revised) "<i>Ordinance on prevention of accidents and professional diseases - OPI</i>"; Law 6 October 2000 "<i>Social insurance rights - LPGA</i>"; Law 20 March 1981 "<i>Labour law – LL</i>"; Law 25 November 1996 "<i>Qualification of professionals of safety on workplace</i>" RU 1996, 3121 actuat. 1 January 1997.</p> <p>In particular the art. 11 of the OPI Law details the main tasks of the Safety experts.</p> <p>Safety experts on workplace have the following functions:</p> <p>a) proceed in cooperation with the employer and after consulting workers and/or their representatives and their higher responsible people, to the evaluation of risks for safety and health for workers;</p> <p>b) suggest the employer on matters related to safety on workplace and inform him in particular about:</p> <ul style="list-style-type: none"> • actions for elimination of causes and reduction of risks; • supplying of new working devices and tools and introduction of new working methodologies/practices, materials, chemicals products, means; • choice of protection tools, personal protection 	<p>Provide training interventions and learning opportunities on Swiss Safety and Health Legislation</p>	<p>15</p>	<p>Provide training interventions and learning opportunities on Swiss Safety and Health Legislation</p>	<p>15</p>

		<p>Customising program to develop Swiss Safety and Health Legislation skills (in particular: selecting and customising or developing learning and assessment materials that are appropriate to Swiss Safety and Health Legislation skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required Swiss Safety and Health Legislation skills).</p>	<p>devices and/or other measures;</p> <ul style="list-style-type: none"> • training of the workers about professional risks and instructions on the correct use of personal protection devices; • organisation of first aid, of medical assistance in case of emergency, of rescue and fire emergency <p>The Swiss Safety expert has:</p> <ul style="list-style-type: none"> • sectoral skills in constructions for Swiss safety and health legislation • skills to deliver effective training and assessment • skills in pedagogy and educational requirements for learner skill levels and training • skills to interact with appropriate external authorities and to interpret a wide range of documents related to sectoral Swiss safety and health legislation • knowledge about definitions of sectoral Swiss safety and health legislation skills, and the methodology to assess skill levels • knowledge Swiss policy and specific "ordinance" on the integration of national sectoral rules and laws in constructions safety and health legislation into training • Know Swiss sectoral legislation for constructions on occupational safety and health following the above mentioned laws and rules (ordinances) 				
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* We refer in this section to safety assistant and in particular to safety expert Swiss professional figures

Polish Addendum

Activity Areas	Activities	Tasks	Skills and Knowledge	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on Polish national rules for safety and health of workers at work	Customising program to develop Polish Safety and Health Legislation skills: selecting and customising learning and assessment materials that are appropriate to Polish Safety and Health Legislation skills, training context and learners, applying learning support strategies to assist learners to develop required Polish Safety and Health Legislation skills and evaluating	<ul style="list-style-type: none"> - Basics knowledge of the improvement of the working conditions. - Basic knowledge about Polish OSH legal framework. - Knowledge about techniques of health & safety at work. - Knowledge concerning occupational risks in industrial hygiene matters. - Knowledge concerning occupational risks in occupational medicine. - Knowledge about ergonomics. - Knowledge about the management of occupational risks prevention. - Knowledge about dangerous substances and factors - Knowledge concerning related techniques (product safety and quality management systems, environmental management). - Knowledge related to the legal field of prevention. 	Provide training interventions and learning opportunities on Polish Safety and Health Legislation	15	Provide training interventions and learning opportunities on Polish Safety and Health Legislation	15

Section C – Activities, tasks, skills, knowledge, competences/units of learning outcomes and ECVET credits related to training competences in safety in constructions

Italian Addendum

Activity Areas	Activities	Tasks	Skills and Knowledge	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in constructions	Training on Italian national rules on safety and health of workers at work in construction sector	Determining the sectoral in constructions Italian Safety and Health Legislation requirements of the training (in particular: determining the sectoral in constructions Italian Safety and Health Legislation skill requirements of the training specification and the sectoral in constructions Italian Safety and Health Legislation requirements of the training context, and utilising validated tools and other sources of information to determine existing sectoral in constructions Italian Safety and Health Legislation skills of learners)	<p>Have sectoral in constructions Italian Safety and Health Legislation skills to deliver effective training and assessment, to make judgements about the sectoral in constructions Italian Safety and Health Legislation requirements of learner skill levels and training, to liaise with appropriate external authorities and to interpret a wide range of documents related to sectoral in constructions Italian Safety and Health Legislation</p> <p>Know definitions of sectoral in constructions Italian Safety and Health Legislation skills, and the methodology to determine skill levels</p> <p>Know Italian policy on the integration of national sectoral in constructions Safety and Health Legislation into training</p> <p>Know Italian sectoral in constructions legislation on Occupational Safety and Health:</p>	Provide training interventions and learning opportunities on sectoral in constructions Italian Safety and Health Legislation	5	Provide training interventions and learning opportunities on sectoral in constructions Italian Safety and Health Legislation	5

		<p>Customising program to develop sectoral in constructions Italian Safety and Health Legislation skills (in particular: selecting and customising or developing learning and assessment materials that are appropriate to sectoral in constructions Italian Safety and Health Legislation skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required sectoral in constructions Italian Safety and Health Legislation skills, and continuously monitoring and evaluating approaches to determine areas for improvement)</p>	<p>“Decreto legislativo 9 aprile 2008, n. 81 - Testo unico in materia di salute e sicurezza nei luoghi di lavoro”, particularly articles, titles and attachments relating to occupational safety and health in constructions, as integrated by the “Decreto legislativo 3 agosto 2009, n. 106”, and eventual regional legislation, as well as the national sectoral contract (CCNL – Contratto collettivo nazionale del settore edile)</p> <p>Know Italian sectoral in constructions Guidelines on Occupational Safety and Health: Guidelines defined specifically for constructions sector by “Ministero del Lavoro e delle Politiche Sociali”, “ISPESL - Istituto Superiore per la Prevenzione e la Sicurezza del Lavoro” and “INAIL - Istituto Nazionale Assicurazione contro gli Infortuni sul Lavoro” (i.e., technical guides “Linee guida per l'esecuzione di lavori temporanei in quota con l'impiego di sistemi di accesso e posizionamento mediante ponteggi metallici fissi di facciata”, “Linee guida per la scelta, l'uso e la manutenzione delle scale portatili”, “Linee guida per la scelta, l'uso e la manutenzione di dispositivi di protezione individuale contro le cadute dall'alto”, “Linee guida per l'esecuzione di lavori temporanei in quota con l'impiego di sistemi di accesso e posizionamento mediante funi”, etc.), and eventual regional guidelines</p>				
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<p>Training on specific risks, prevention measures, and safety procedures in constructions</p>	<p>Training on specific risks, prevention measures, and safety procedures in brickwork and carpentry works</p>	<p>Determining the requirements of the training on specific risks, prevention measures, and safety procedures in brickwork and carpentry works (in particular: determining the skill requirements of the training specification on specific risks, prevention measures, and safety procedures in brickwork and carpentry works, and the requirements of the related training context, as well as utilising validated tools and other sources of information to determine existing skills of learners on specific risks, prevention measures, and safety procedures in brickwork and carpentry works)</p>	<p>Have skills on specific risks, prevention measures, and safety procedures in brickwork and carpentry works to deliver effective training and assessment, to make judgements about the specific risks, prevention measures, and safety procedures in brickwork and carpentry works requirements of learner skill levels and training, to liaise with appropriate external authorities and to interpret a wide range of documents related to specific risks, prevention measures, and safety procedures in brickwork and carpentry works</p> <p>Know definitions of skills on specific risks, prevention measures, and safety procedures in brickwork and carpentry works, and the methodology to determine skill levels</p> <p>Knowledge of the technical and specific construction technologies for the workers' tasks and the related risks produced.</p> <p>In particular:</p> <ul style="list-style-type: none"> - Realization of the vertical structures such as beams and reinforced concrete columns or bearing walls; - Realization of horizontal structures such as concrete and brick floors, ceilings and floors with a prefabricated wooden structure; - Construction of foundations; - Creation of work at height and assemble, dismantling of scaffolding; - Construction of partition walls; 	<p>Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in constructions</p>	<p>25</p>	<p>Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in brickwork and carpentry works</p>	<p>5</p>
		<p>Customising program to develop skills on specific risks, prevention measures, and safety procedures in brickwork and carpentry works (in particular: selecting and customising or developing learning and assessment materials that are appropriate to specific risks, prevention measures, and safety procedures in brickwork</p>					

		<p>and carpentry works skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required skills on specific risks, prevention measures, and safety procedures in brickwork and carpentry works, and continuously monitoring and evaluating approaches to determine areas for improvement)</p>	<p>- Construction of stairs connecting floors.</p> <p>Dlgs 81/08 and succ. mod.: Title III – USE OF THE JOB EQUIPMENT AND DEVICES FOR INDIVIDUAL PROTECTION In particular: Heading I – Use of job equipment; Heading II – Use of devices for individual protection. Title IV – TEMPORARY OR MOBILE CONSTRUCTION SITES In particular: Heading I – Health and safety measures in the temporary and mobile construction sites; Heading II – Rules for the prevention of construction work accidents and in the work at height; Section I – Field of application; Section II – General provisions; Section III – Excavations and foundations; Section IV – Timber scaffolding and other temporary structures; Section V – Fixed scaffolding; Section VI – Mobile scaffolding; Section VII – Building construction Section VIII – Demolitions. Title V – HEALTH AND SAFETY AT WORK SIGNS In particular: HEADING I – General provisions. Title VI –MANUAL HANDLING OF HOLDS In particular: Heading I – General provisions. Title VII – PHYSICAL AGENTS In particular: Heading I – General provisions; Heading II – Protection of workers</p>				
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			<p>from the risk of exposure to noise at work; Heading III – Protection of workers from the risk of exposure to vibrations. Digs 81/08 and succ. mod. – ANNEXES: ANNEX I – Serious violations for the suspension of the entrepreneurial activity; ANNEX IV – Workplace requirements; ANNEX V – Work equipment safety requirements built in the absence of laws and regulations to transpose the EU directives on product or made available to workers prior to their enactment. In particular: Prescriptions applied to work equipment related to work equipment for lifting, transport or storage of loads such as tower cranes and machinery for the construction, maintenance, repair and demolition. ANNEX VI – Provisions concerning the work equipment; ANNEX VIII – General guidelines related to special protection and use of personal protective equipment (gloves, helmets, suits, shoes, etc.). ANNEX XIII – Health and safety requirements for construction sites logistics In particular: Requirements for sanitation assistance to workers on construction sites; Requirements for the jobs on construction sites. ANNEX XV – Minimum levels of</p>				
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			<p>security plans in temporary and mobile building sites; ANNEX XVIII – Roads construction sites, scaffolding materials transportation; ANNEX XIX – Safety checks of fixed metal scaffolding; ANNEX XXI – Contents of training for workers assigned at work at high altitude; ANNEX XXII – Minimum contents of P.i.M.U.S. (FLOOR MOUNTING, USE AND DISMANTLING SCAFFOLDING) ; ANNEX XXIV – General guidelines for safety street signs; ANNEX XXV – General guidelines for signs; ANNEX XXXIII – Manual handling of holds.</p>				
	<p>Training on specific risks, prevention measures, and safety procedures in road construction works</p>	<p>Determining the requirements of the training on specific risks, prevention measures, and safety procedures in road construction works (in particular: determining the skill requirements of the training specification on specific risks, prevention measures, and safety procedures in road construction works, and the requirements of the related training context, as well as utilising validated tools and other sources of information to determine existing skills of learners on specific risks, prevention</p>	<p>Have skills on specific risks, prevention measures, and safety procedures in road construction works to deliver effective training and assessment, to make judgements about the specific risks, prevention measures, and safety procedures in road construction works requirements of learner skill levels and training, to liaise with appropriate external authorities and to interpret a wide range of documents related to specific risks, prevention measures, and safety procedures in road construction works Know definitions of skills on specific risks, prevention measures, and safety procedures in road construction works, and the methodology to determine skill</p>			<p>Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in road construction works</p>	<p>5</p>

		<p>measures, and safety procedures in road construction works)</p>	<p>levels Knowledge of the specific construction techniques and technologies in reference to the workers tasks and related risks. In particular: - Construction of road tracks with land movement; - Construction of bridges, overpasses in general; - Construction of road tunnels; - Construction of road foundations; - Asphalt construction and maintenance; - Realization of finishing work such as road signs and street furniture installation.</p> <p>Dlgs 81/08 and succ. mod.: Title III – USE OF THE JOB EQUIPMENT AND DEVICES FOR INDIVIDUAL PROTECTION In particular: Heading I – Use of job equipment; Heading II – Use of devices for individual protection. Title IV – TEMPORARY OR MOBILE CONSTRUCTION SITES In particular: Heading I – Health and safety measures in the temporary and mobile construction sites; Heading II – Rules for the prevention of construction work accidents and in the work at height; Section I – Field of application; Section II – General provisions; Section III – Excavations and foundations; Section VIII – Demolitions.</p>				
		<p>Customising program to develop skills on specific risks, prevention measures, and safety procedures in road construction works (in particular: selecting and customising or developing learning and assessment materials that are appropriate to specific risks, prevention measures, and safety procedures road construction works skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required skills on specific risks, prevention measures, and safety procedures in road construction works, and continuously monitoring and evaluating approaches to determine areas for improvement)</p>					

			<p>Title V – HEALTH AND SAFETY AT WORK SIGNS In particular: HEADING I – General provisions. Title VI –MANUAL HANDLING OF HOLDS In particular: Heading I – General provisions. Title VII –PHYSICAL AGENTS In particular: Heading I – General provisions; Heading II – Protection of workers from the risk of exposure to noise at work; Heading III – Protection of workers from the risk of exposure to vibrations. Dlgs 81/08 and succ. mod. – ANNEXES ANNEX I – Serious violations for the suspension of the entrepreneurial activity; ANNEX IV – Workplace requirements; ANNEX V – Work equipment safety requirements built in the absence of laws and regulations to transpose the EU directives on product or made available to workers prior to their enactment. In particular: Prescriptions applied to work equipment related to work equipment for lifting, transport or storage of loads such as tower cranes and machinery for the construction, maintenance, repair and demolition. ANNEX VI – Provisions concerning the work equipment;</p>				
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			<p>ANNEX VIII – General guidelines related to special protection and use of personal protective equipment (gloves, helmets, suits, shoes, etc.).</p> <p>ANNEX XIII – Health and safety requirements for construction sites logistics</p> <p>In particular:</p> <ul style="list-style-type: none"> - Requirements for sanitation assistance to workers on construction sites; - Requirements for the jobs on construction sites. <p>ANNEX XV – Minimum levels of security plans in temporary and mobile building sites;</p> <p>ANNEX XVIII – Roads construction sites, scaffolding materials transportation;</p> <p>ANNEX XXIV – General guidelines for safety street signs;</p> <p>ANNEX XXV – General guidelines for signs;</p> <p>ANNEX XXVIII – Requirements for reporting obstacles, dangerous points and dangerous locations and reporting of traffic routes;</p> <p>ANNEX XXV – General requirements for road signs;</p> <p>ANNEX XXX – Requirements for sound signs;</p> <p>ANNEX XXXII – Requirements for hand signals;</p> <p>ANNEX XXXIII – Manual handling of loads.</p>				
	Training on specific risks,	Determining the requirements of the training on specific risks, prevention measures, and	Have skills on specific risks, prevention measures, and safety procedures in building renovation and restoration works to deliver			Provide training interventions and learning opportunities on	5

	<p>prevention measures, and safety procedures in building renovation and restoration works</p>	<p>safety procedures in building renovation and restoration works (in particular: determining the skill requirements of the training specification on specific risks, prevention measures, and safety procedures in building renovation and restoration works, and the requirements of the related training context, as well as utilising validated tools and other sources of information to determine existing skills of learners on specific risks, prevention measures, and safety procedures in building renovation and restoration works)</p>	<p>effective training and assessment, to make judgements about the specific risks, prevention measures, and safety procedures in building renovation and restoration works requirements of learner skill levels and training, to liaise with appropriate external authorities and to interpret a wide range of documents related to specific risks, prevention measures, and safety procedures in building renovation and restoration works</p> <p>Knowledge of the specific construction techniques and technologies in reference to the workers tasks and related risks. In particular:</p> <ul style="list-style-type: none"> - Implementation of load-bearing walls of brick, stone and mixed elements; - Construction of horizontal structures such as ceilings with wooden frame; - Construction of foundations and underpinning; - Realization of work at height and erection and dismantling of scaffolding; - Realization of partition walls; - Creation of manual demolition; - Creation of excavations. <p>Dlgs 81/08 and succ. mod.: Title V – HEALTH AND SAFETY AT WORK SIGNS In particular: HEADING I – Use of working equipment;</p>			<p>specific risks, prevention measures, and safety procedures in building renovation and restoration works</p>	
		<p>Customising program to develop skills on specific risks, prevention measures, and safety procedures in building renovation and restoration works (in particular: selecting and customising or developing learning and assessment materials that are appropriate to specific risks, prevention measures, and safety procedures in building renovation and</p>					

		<p>restoration works skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required skills on specific risks, prevention measures, and safety procedures in building renovation and restoration works, and continuously monitoring and evaluating approaches to determine areas for improvement)</p>	<p>HEADING II – Use of personal protective equipment. Title IV – TEMPORARY OR MOBILE CONSTRUCTION SITES In particular: Heading I – Health and safety measures in the temporary and mobile construction sites; Heading II – Rules for the prevention of construction work accidents and in the work at height; Section I – Field of application; Section II – General provisions; Section III – Excavations and foundations; Section IV – Scaffolds in timber and other temporary structures; Section V – Scaffolding fixed; Section VI – Movable scaffolding; Section VII – Building construction; Section VIII – Demolitions. Title V – HEALTH AND SAFETY AT WORK SIGNS In particular: HEADING I – General provisions. Title VI –MANUAL HANDLING OF HOLDS In particular: Heading I – General provisions. Title VII –PHYSICAL AGENTS In particular: Heading I – General provisions; Heading II – Protection of workers from the risk of exposure to noise at work; Heading III – Protection of workers from the risk of exposure to</p>				
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			<p>vibrations.</p> <p>Dlgs 81/08 and succ. mod. – ANNEXES</p> <p>ANNEX I – Serious violations for the suspension of the entrepreneurial activity;</p> <p>ANNEX IV – Workplace requirements</p> <p>ANNEX V – Work equipment safety requirements built in the absence of laws and regulations to transpose the EU directives on product or made available to workers prior to their enactment. In particular: Prescriptions applied to work equipment related to work equipment for lifting, transport or storage of loads such as tower cranes and machinery for the construction, maintenance, repair and demolition.</p> <p>ANNEX VI – Provisions concerning the work equipment;</p> <p>ANNEX VIII – General guidelines related to special protection and use of personal protective equipment (gloves, helmets, suits, shoes, etc.).</p> <p>ANNEX XIII – Health and safety requirements for construction sites logistics In particular: Requirements for sanitation assistance to workers on construction sites; Requirements for the jobs on construction sites.</p> <p>ANNEX XV – Minimum levels of</p>				
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			<p>security plans in temporary and mobile building sites; ANNEX XVIII – Roads construction sites, scaffolding materials transportation; ANNEX XIX – Safety verification of fixed scaffolding; ANNEX XXI – Contents of training for workers assigned at work at high altitude; ANNEX XXII – Minimum contents of P.i.M.U.S. (FLOOR MOUNTING, USE AND DISMANTLING SCAFFOLDING) ; ANNEX XXIV – General guidelines for safety street signs; ANNEX XXV – General guidelines for signs; ANNEX XXXIII – Manual handling of holds.</p>				
	<p>Training on specific risks, prevention measures, and safety procedures in building finish works (paintwork, plasterwork, planking)</p>	<p>Determining the requirements of the training on specific risks, prevention measures, and safety procedures in building finish works (in particular: determining the skill requirements of the training specification on specific risks, prevention measures, and safety procedures in building finish works, and the requirements of the related training context, as well as utilising validated tools and other sources of information to determine existing skills</p>	<p>Have skills on specific risks, prevention measures, and safety procedures in building finish works to deliver effective training and assessment, to make judgements about the specific risks, prevention measures, and safety procedures in building finish works requirements of learner skill levels and training, to liaise with appropriate external authorities and to interpret a wide range of documents related to specific risks, prevention measures, and safety procedures in building finish works</p> <p>Know definitions of skills on specific risks, prevention measures, and safety procedures in building finish works, and the</p>			<p>Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in building finish works</p>	<p>5</p>

		<p>of learners on specific risks, prevention measures, and safety procedures in building finish works)</p>	<p>methodology to determine skill levels.</p> <p>Knowledge of the specific construction techniques and technologies in reference to the workers tasks and related risks. In particular:</p> <ul style="list-style-type: none"> - Production of plaster - Construction of painting - Screeds and floors; drainpipes - Realization waterproofing and insulation sheathing - Construction of frames in general <p>Dlgs 81/08 and succ. mod. : Title III – USE OF THE JOB EQUIPMENT AND DEVICES FOR INDIVIDUAL PROTECTION In particular: Heading I – Use of job equipment; Heading II – Use of devices for individual protection. Title IV – TEMPORARY OR MOBILE CONSTRUCTION SITES In particular: Heading I – Health and safety measures in the temporary and mobile construction sites; Heading II – Rules for the prevention of construction work accidents and in the work at height; Section I – Field of application; Section II – General provisions; Section IV – Scaffolds in timber and other temporary structures; Section V – Fixed scaffolding; Section VI – Mobile scaffolding; Title V – HEALTH AND SAFETY AT</p>				
		<p>Customising program to develop skills on specific risks, prevention measures, and safety procedures in building finish works (in particular: selecting and customising or developing learning and assessment materials that are appropriate to specific risks, prevention measures, and safety procedures in building finish works skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required skills on specific</p>					

		<p>risks, prevention measures, and safety procedures in building finish works, and continuously monitoring and evaluating approaches to determine areas for improvement)</p>	<p>WORK SIGNS In particular: HEADING I – General provisions. Title VI –MANUAL HANDLING OF LOADS In particular: Heading I – General provisions. Title VII –PHYSICAL AGENTS In particular: Heading I – General provisions; Heading II – Protection of workers from the risk of exposure to noise at work; Heading III – Protection of workers from the risk of exposure to vibrations. Dlgs 81/08 and succ. mod. – ANNEXES ANNEX I – Serious violations for the suspension of the entrepreneurial activity; ANNEX IV – Workplace requirements ANNEX V – Work equipment safety requirements built in the absence of laws and regulations to transpose the EU directives on product or made available to workers prior to their enacting. In particular: Prescriptions applied to work equipment related to work equipment for lifting, transport or storage of loads such as tower cranes and machinery for the construction, maintenance, repair and demolition. ANNEX VI – Provisions concerning the work equipment; ANNEX VIII – General guidelines</p>				
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			<p>related to special protection and use of personal protective equipment (gloves, helmets, suits, shoes, etc.).</p> <p>ANNEX XIII – Health and safety requirements for construction sites logistics</p> <p>In particular:</p> <p>Requirements for sanitation assistance to workers on construction sites;</p> <p>Requirements for the jobs on construction sites.</p> <p>ANNEX XV – Minimum levels of security plans in temporary and mobile building sites;</p> <p>ANNEX XVIII – Roads construction sites, scaffolding materials transportation;</p> <p>ANNEX XIX – Safety verification of fixed scaffolding;</p> <p>ANNEX XXI – Contents of training for workers assigned at work at high altitude;</p> <p>ANNEX XXII – Minimum contents of P.i.M.U.S. (FLOOR MOUNTING, USE AND DISMANTLING SCAFFOLDING) ;</p> <p>ANNEX XXIV – General guidelines for safety street signs;</p> <p>ANNEX XXV – General guidelines for signs;</p> <p>ANNEX XXXIII – Manual handling of loads</p>				
	Training on specific risks, prevention measures,	Determining the requirements of the training on specific risks, prevention measures, and safety procedures in	Have skills on specific risks, prevention measures, and safety procedures i in plumbing and heating system, and wiring works to deliver effective training and			Provide training interventions and learning opportunities on specific risks, prevention	5

	<p>and safety procedures in plumbing and heating system, and wiring works</p>	<p>plumbing and heating system, and wiring works (in particular: determining the skill requirements of the training specification on specific risks, prevention measures, and safety procedures in plumbing and heating system, and wiring works, and the requirements of the related training context, as well as utilising validated tools and other sources of information to determine existing skills of learners on specific risks, prevention measures, and safety procedures in plumbing and heating system, and wiring works)</p>	<p>assessment, to make judgements about specific risks, prevention measures, and safety procedures in plumbing and heating system, and wiring works requirements of learner skill levels and training, to liaise with appropriate external authorities and to interpret a wide range of documents related to specific risks, prevention measures, and safety procedures in plumbing and heating system, and wiring works.</p> <p>Know definitions of skills on specific risks, prevention measures, and safety procedures in plumbing and heating systems works, and the methodology to determine skill levels.</p> <p>Knowledge of the specific construction techniques and technologies in reference to the workers tasks and related risks.</p> <p>In particular: Construction of electrical systems; Production of thermal plants; Production of hydraulic systems; Production of solar panels and photovoltaic systems; Production of television antennas and satellite dishes; Maintenance of equipment</p> <p>Dlgs 81/08 and succ. mod.: Title III – USE OF THE JOB EQUIPMENT AND DEVICES FOR INDIVIDUAL PROTECTION In particular: Heading I – Use of job equipment;</p>			<p>measures, and safety procedures in plumbing and heating system, and wiring works</p>	
		<p>Customising program to develop skills on specific risks, prevention measures, and safety procedures in plumbing and heating system, and wiring works (in particular: selecting and customising or developing learning and assessment materials that are appropriate to specific risks, prevention measures, and safety procedures in plumbing and heating system, and</p>					

		<p>wiring works skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required skills on specific risks, prevention measures, and safety procedures in plumbing and heating system, and wiring works, and continuously monitoring and evaluating approaches to determine areas for improvement)</p>	<p>Heading II – Use of devices for individual protection; Heading III – Use of installations and electric equipment. Title IV – TEMPORARY OR MOBILE CONSTRUCTION SITES In particular: Heading I – Health and safety measures in the temporary and mobile construction sites; Heading II – Rules for the prevention of construction work accidents and in work at height; Section I – Field of application; Section II – General provisions; Section III – Excavations and foundations; Section VI – Mobile scaffolding; Section VII – Building constructions; Section VIII – Demolitions. Title V – HEALTH AND SAFETY AT WORK SIGNS In particular: HEADING I – General provisions. Title VI–MANUAL HANDLING OF LOADS In particular: Heading I – General provisions. Title VII – PHYSICAL AGENTS In particular: Heading I – General provisions; Heading II – Protection of workers from risk of exposure to noise at work</p> <p>Dlgs 81/08 – ANNEXES: ANNEX IV – Workplace requirements ANNEX V – Work equipment safety requirements built in absence of laws and regulations to transpose the EU directives on product or</p>				
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			<p>made available to workers prior to their enacting.</p> <p>ANNEX VI - Provisions concerning the use of work equipment</p> <p>ANNEX VIII – General guidelines related to special protection and use of personal protective equipment (gloves, helmets, suits, shoes, etc.).</p> <p>ANNEX XIII – Health and safety requirements for construction sites logistics</p> <p>In particular:</p> <p>Requirements for sanitation assistance to workers on construction sites;</p> <p>Requirements for the jobs on construction sites.</p> <p>ANNEX XV – Minimum levels of security plans in temporary and mobile building sites;</p> <p>ANNEX XVIII – Roads construction sites, scaffolding materials transportation;</p> <p>ANNEX XXI – Contents of training for workers assigned at work at high altitude;</p> <p>ANNEX XXIV – General guidelines for safety street signs;</p> <p>ANNEX XXV – General guidelines for signs;</p> <p>ANNEX XXXIII – Manual handling of loads.</p>				
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Spanish Addendum

Activity Areas	Activities	Tasks	Skills and Knowledge	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in constructions	Training on Spanish national rules on safety and health of workers at work in construction sector	Customising program to develop the Spanish Safety and Health Legislation skills with regard to the construction sector	Knowledge about the legal field of prevention in Spain	Provide training interventions and learning opportunities on sectoral in constructions Spanish Safety and Health Legislation	6	Provide training interventions and learning opportunities on sectoral in constructions Spanish Safety and Health Legislation	6
Training on specific risks, preventive measures and safety procedures in constructions	Training on specific risks, preventive measures and safety procedures for managerial staff	Customising program to develop skills on specific risks, preventive measures, and safety procedures for managerial staff	<ul style="list-style-type: none"> - Knowledge about integrating prevention in the management of the company. - Knowledge related to the functions, duties and responsibilities of managers in the prevention of occupational risks. - Knowledge concerning the organization and planning of prevention in the company. - Knowledge about the costs of accidents and the profitability of prevention. - Knowledge related to the basic laws and regulations on prevention. 	Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures in constructions	24	Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for managerial staff	2

	<p>Training on specific risks, preventive measures, and safety procedures for staff in charge on the worksites and for implementation technicians</p>	<p>Customising program to develop skills on specific risks, preventive measures and safety procedures for staff in charge on the worksites and for implementation technicians</p>	<ul style="list-style-type: none"> - Knowledge about the risks in the construction worksites. - Knowledge related to the types of risks and preventive techniques. - Knowledge concerning how to develop security plans and studies. - Knowledge related to how to plan schedules and preventive phases. - Knowledge about organs and bodies involved in the management of prevention. - Knowledge related to the rights and obligations of workers. - Knowing the basic laws and regulations on prevention. 			<p>Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for staff in charge on the worksites and for implementation technicians</p>	<p>2</p>
	<p>Training on specific risks, preventive measures and safety procedures for middle management</p>	<p>Customising program to develop skills on specific risks, preventive measures, and safety procedures for middle management</p>	<ul style="list-style-type: none"> - Knowledge about the integration of prevention in the management of the company. - Knowledge concerning the risks in the construction worksites - Knowledge related to the types of risks and preventive techniques - Interpret security plans and studies - Identify major risk areas and with specific dangers. - Knowledge about the coordination of subcontractors. - Knowledge related to first aid and emergency measures. - Knowledge concerning organs and bodies involved in the management of prevention. 			<p>Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for middle management</p>	<p>2</p>

	<p>Training on specific risks, preventive measures and safety procedures for different construction trades</p>	<p>Customising program to develop skills on specific risks, preventive measures and safety procedures for different construction trades</p>	<ul style="list-style-type: none"> - Knowledge concerning the specific work of the craft and its risks. - Knowledge about basic preventive techniques to apply in terms of those risks. - Knowledge related to the auxiliary resources, equipment and tools used in those tasks and the associated risks. - Knowledge of how to verify and analyze a workplace and its environment - Identify the interferences between different work activities on the worksite and their problems on prevention matters - Knowledge about the rights and obligations of workers. 			<p>Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for different construction trades</p>	<p>12</p>
		<p>Practical training in the use and installation of individual and collective protection</p>	<ul style="list-style-type: none"> - Knowledge the different personal protective equipment, use and application work - Knowledge the different collective protective equipment, and installation features work. - Knowledge select and adapt the tools and equipment to various real problems of the work. - Master in social skills to empathize with production staff very heterogeneous profile 			<p>Provide practical training in the use and installation of individual and collective protection</p>	<p>6</p>

German Addendum

Activity Areas	Activities	Tasks	Skills and Knowledge	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in constructions	Training on German national rules on safety and health of workers at work in construction sector	Determining the sectoral in constructions German Safety and Health Legislation requirements of the training (in particular: determining the sectoral in constructions German Safety and Health Legislation skill requirements of the training specification and the sectoral in constructions German Safety and Health Legislation requirements of the training context, and utilising validated tools and other sources of information to determine existing sectoral in constructions German Safety and Health Legislation skills of learners)	Have sectoral in constructions German Safety and Health Legislation skills to deliver effective training and assessment, to make judgements about the sectoral in constructions GERMAN Safety and Health Legislation requirements of learner skill levels and training, to liaise with appropriate external authorities and to interpret a wide range of documents related to sectoral in constructions GERMAN Safety and Health Legislation Know definitions of sectoral in constructions GERMAN Safety and Health Legislation skills, and the methodology to determine skill levels Know GERMAN policy on the integration of national sectoral in constructions Safety and Health Legislation into training Know GERMAN sectoral in constructions legislation on Occupational Safety and Health. Know GERMAN sectoral in constructions Guidelines on	Provide training interventions and learning opportunities on sectoral in constructions German Safety and Health Legislation	15	Provide training interventions and learning opportunities on sectoral in constructions German Safety and Health Legislation	15
		Customising program to					

		develop sectoral in constructions German Safety and Health Legislation skills (in particular: selecting and customising or developing learning and assessment materials that are appropriate to sectoral in constructions German Safety and Health Legislation skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required sectoral in constructions German Safety and Health Legislation skills, and continuously monitoring and evaluating approaches to determine areas for improvement)	Occupational Safety and Health: Guidelines defined specifically for the construction sector by federal ministry for work and social affairs (Bundesministerium für Arbeit und Soziales BMAS), regional ministry for work, health and social affairs MAGS NRW etc, and accident prevention and insurance association for the construction sector (Bau-Berufsgenossenschaft BG BAU).				
Training on specific risks, prevention measures, and safety procedures in constructions	Training on specific risks, prevention measures, and safety procedures in construction works (branches,	Determining the requirements of the training on specific risks, prevention measures, and safety procedures in construction works: Construction works above ground level / high building) like - concrete works:	Have skills on specific risks, prevention measures, and safety procedures in construction works to deliver effective training and assessment, to make judgements about the specific risks, prevention measures, and safety procedures in brickwork and carpentry works requirements of learner skill levels and training, to liaise with appropriate external authorities	Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures in constructions	15	Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures in construction works above ground level and high building	15

	<p>fields, work areas:</p> <p>Construction works above ground level / high building)</p>	<p>shuttering, reinforcement works, concreting</p> <ul style="list-style-type: none"> - scaffolding - bricklaying - crane operating - interior works: plastering, tiling, dry construction fitting - roofing - wood processing - site accommodation works - transport - etc. <p>(particular: determining the skill requirements of the training specification on specific risks, prevention measures, and safety procedures in brickwork and carpentry works, and the requirements of the related training context, as well as utilising validated tools and other sources of information to determine existing skills of learners on specific risks, prevention measures, and safety procedures in construction works)</p>	<p>and to interpret a wide range of documents related to specific risks, prevention measures, and safety procedures in construction works.</p> <p>Know definitions of skills on specific risks, prevention measures, and safety procedures in brickwork and carpentry works, and the methodology to determine skill levels</p> <p>Knowledge of the technical and specific construction technologies for the workers' tasks and the related risks produced.</p> <p>In particular:</p> <p>Unfallverhütungsvorschriften Regulations for the prevention of accidents and occupational risks</p> <ul style="list-style-type: none"> - <i>BGV A1 Grundsätze der Prävention / basic rules of prevention</i> - <i>BGV A 2 Betriebsärzte und Fachkräfte für Arbeitssicherheit / works doctors and specialists for work safety</i> - <i>BGV A3 Elektrische Anlagen und Betriebsmittel / electrical assests and equipments</i> - <i>BGV A4 Arbeitsmedizinische Vorsorge / occupational medical prevention</i> - <i>BGV A8 Sicherheits- und Gesundheitsschutzkennzeichnung am Arbeitsplatz / safety and health labelling at work</i> 				
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			<p>places</p> <ul style="list-style-type: none"> - <i>BGV C 22 Bauarbeiten (Prävention Bau) / Construction works (Prevention):</i> - <i>BGV A10 Bauwirtschaft / Construction industry</i> - <i>BGV D6 Krane / cranes</i> - <i>BGV D8 Winden- Hub- und Zuggeräte /winches and jags</i> - <i>BGV D9 Arbeiten mit Schußapparaten / working with nail guns</i> - <i>BGV D27 Flurförderfahrzeuge / floor borne vehicles</i> - <i>BGV D29 Fahrzeuge / crafts</i> - <i>BGV D34 Verwendung von Flüssiggasen / Using liquid gas</i> - <i>BGV D36 Leitern und Tritte / Ladders and Steps</i> <p>Focus on building construction / high building above ground level (<i>Hochbauarbeiten, nicht Tiefbau</i>) including the different branches like brick laying, plastering, tile laying, dry wall fitting, carpentry roofing etc.): Regulations of the <i>BG BAU</i> - Accident prevention and insurance association for the construction sector - (<i>Bau-Berufsgenossenschaft BG BAU</i>)</p> <p>General (<i>Allgemeines</i>)</p> <ul style="list-style-type: none"> - Risk assessments / analysis (<i>Gefährdungsbeurteilungen</i>) - Dangerous materials 				
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			<p><i>(Gefahrstoffe)</i></p> <ul style="list-style-type: none"> - Mold and fungi in restoration of buildings <i>(Schimmelpilze bei der Gebäudesanierung)</i> - Dirt by pigeons <i>(Verunreinigungen durch Tauben)</i> - Storage devices for gases on building sites <i>(Gaslagerbehälter auf Baustellen)</i> - Storage of gas bottles in open space <i>(Lagerung von Druckgasflaschen im Freien)</i> <p>Working devices (Arbeitsmittel)</p> <ul style="list-style-type: none"> - Electrical devices and means on building and assembling sites <i>(Elektrische Anlagen und Betriebsmittel auf Bau- und Montagestellen)</i> - Potable cut off machines <i>(Handtrennschleifmaschinen)</i> - Hammer drills and mortise machines <i>(Schlagbohr- und Stemmgeräte)</i> - Circular table saws and portable circular saws <i>(Baustellenkreissägen/Handkreissägen)</i> - Lifters and elevators on building sites <i>(Baustellenaufzüge)</i> - Tower Jib cranes on building sites <i>(Turmdrehkrane)</i> - Mobile cranes <i>(Autokrane)</i> - Loader cranes on vans <i>(LKW-</i> 				
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			<p><i>Ladekrane)</i></p> <ul style="list-style-type: none"> - Concrete pumps and distribution pipes <i>(Betonpumpen und Verteilmaste)</i> - Fork lifter on building sites <i>(Teleskopstapler)</i> - Stone saws <i>(Steinsägen)</i> - Supercharger <i>(Verdichter und Druckbehälter)</i> - Portabel Mortar and concrete mixer <i>(Mischmaschinen)</i> - Ladders <i>(Leitern)</i> - Scaffolds <i>(Gerüste)</i> - Shute for demolition waste <i>(Schuttrutschen)</i> - Temporar protection roofs against falling things <i>(Schutzdächer)</i> - Console scaffolds <i>(Auslegergerüste)</i> - Supporting scaffolds <i>(Traggerüste)</i> - Formwork / Shuttering for walls and pillars <i>(Wand- und Stützenschalung)</i> - Sliding formworks and climbing formworks <i>(Gleit- und Kletterschalungen)</i> - Anti fall guards on buidling sites under construction <i>(Absturzsicherungen auf Baustellen)</i> <i>(Seitenschutz/Absperrungen)</i> - Safety scaffolds <i>(Fanggerüste)</i> - Roof safeyt scaffolds <i>(Dachfanggerüste)</i> - Man carrying platforms, work platforms 				
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			<p><i>(Arbeitskörbe/Arbeitssitze/Arbeitsbühnen)</i></p> <ul style="list-style-type: none"> - Person transport devices for cranes <i>(Personenförderkörbe)</i> - Nail gunners <i>(Bolzensetzwerkzeuge)</i> - Load handling devices <i>(Lastaufnahmemittel)</i> - Transportable silos <i>(Transportable Silos)</i> - Heating devices <i>(Heizgeräte)</i> - Mobile generators <i>(Mobile Ersatzstromerzeuger)</i> <p>Personal safety devices <i>(Persönliche Schutzausrüstungen)</i></p> <ul style="list-style-type: none"> - Personal safety devices against falling down <i>(Persönliche Schutzausrüstungen gegen Absturz)</i> <p>Operating methods <i>(Arbeitsverfahren)</i></p> <ul style="list-style-type: none"> - Building pits <i>(Geböschte Baugruben)</i> - Excavations next to existing buildings <i>(Ausschachtungen neben Gebäuden)</i> - Footings next to existing foundations <i>(Gründungen neben Fundamenten, Unterfangungen)</i> - Working with large sized bricks <i>(Verarbeiten großformatiger Mauersteine)</i> - Pre-fabricated concrete and 				
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			<p>brick parts (<i>Fertigteile aus Beton und Mauerwerk</i>)</p> <ul style="list-style-type: none"> - Securing cargos (<i>Ladungssicherung</i>) - Hanging on loads (<i>Anschlagen von Lasten</i>) - Working close to open water (<i>Arbeiten am Wasser</i>) - Working close to electrical overhead circuits (<i>Arbeiten in der Nähe elektrischer Freileitungen</i>) - Transport of gas bottles (<i>Transport von Druckgasflaschen</i>) - Concrete moulding oil (<i>Betontrennmittel</i>) <p>Working with mineral insulation (Mineral wools / mineral rock wools) (<i>Arbeiten mit Mineralwolle (Dämmstoffe (Glaswolle/Steinwolle/Schlackenwolle)</i>)</p>				
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Belgian Addendum

Activity Areas	Activities	Tasks	Skills and Knowledge	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in constructions	Training on Belgian national rules on safety and health of workers at work in construction sector	Customising program to develop Belgium's safety and health legislation skills with regard to the construction sector	Knowledge about the legal field of prevention in Belgium	Provide training interventions and learning opportunities on sectoral in constructions Belgian Safety and Health Legislation		Provide training interventions and learning opportunities on sectoral in constructions Belgian Safety and Health Legislation	
Training on specific risks, preventive measures and safety procedures in constructions	Training on specific risks, preventive measures and safety procedures for workers	Customising program to develop Belgium's safety and health legislation skills with regard to the construction sector, particularly VCA Safety for operational senior executives (VOL-VCA) for foremen, buildings sites managers, building sites foremen, building sites administrators.	<ul style="list-style-type: none"> - Knowledge about dangerous products, - Identify the different dangerous products, - Knowledge about - Knowledge about Fire and explosion, - Identify the preventive measures in case of fire and explosion - Knowledge about the risks and preventive techniques in enclosed and closed spaces - Knowing the regulations about tools, machines and equipment of work - Knowledge about specific 	Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures in constructions		Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for workers.	
	Training on specific risks, preventive measures, and safety procedures for staff in charge on the worksites					Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for staff in charge	

	and for managerial staff		<p>risks to the current machines and manual tools, general rules of using of them</p> <ul style="list-style-type: none"> - Knowledge about the risks related to manual handling - Knowledge about the back's anatomy and its pathologies - Knowledge about accessories for manual lifting - Knowledge about lifting and handling machine - Knowledge about lawful controls for the handling and lifting machine - Knowledge about nacelle with single supporting bridge - Knowledge about the prevention of the slips and falls (indication of the obstacles) - Knowledge about risks for the work in height (collective protection against the falls, scales, scaffolding, individual nacelle, protective gears) - Knowing about principles of electricity, electric accidents, body effects of electricity and preventive measures - Knowing the regulations, classification and directions of use for the individual protection equipments (head, eyes and face, ears, 			on the worksites and for managerial staff.	
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			respiratory, hands, feet and body) – Knowledge about security signalling (code, form and colour)				
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Belgian Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in constructions	Training on Belgian national rules on safety and health of workers at work in construction sector	Provide training interventions and learning opportunities on sectoral in constructions Belgian Safety and Health Legislation		Provide training interventions and learning opportunities on sectoral in constructions Belgian Safety and Health Legislation	
Training on specific risks, preventive measures and safety procedures in constructions	Training on specific risks, preventive measures and safety procedures for workers	Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures in constructions		Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for workers.	
	Training on specific risks, preventive measures, and safety procedures for staff in charge on the worksites and for managerial staff			Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for staff in charge on the worksites and for managerial staff.	
				ECVET Credits Total	

French Addendum

Activity Areas	Activities	Tasks	Skills and Knowledge	Units of Learning Outcomes (ULO)	ECVET Credit (ULO)	Units of Learning Outcomes parts (ULO parts)	ECVET Credit (ULO parts)
<p>Training on specific risks, prevention measures, and safety procedures in construction</p> <p><i>(suitable for all types of risk)</i></p>	<p>Making a diagnosis of the situation</p>	<p>Analyze accidents</p>	<p>Identify, analyze the risks of occupational accidents and diseases related to procedures, going back to the earliest causes</p> <p><i>CSMPA=</i></p> <p>The foundations and principles of prevention of occupational hazards. Legislative framework, material and technical equipment of the company, technical descriptive sheets of the material, site constraints, company's constraints, organization of the company, databases of the company, recommendations, and resources such as methods, procedures and tools of the agencies responsible for risk prevention in France (social Security, INRS, OPPBTP, safety coordinator, etc.).</p>	<p>Realization of a diagnosis of situation (or in terms of expected outcomes or objectives of training: <i>the diagnosis of the situation is made</i>).</p>	<p>30</p>	<p>- The main risks are identified and their causes are analyzed. - The discontinuities of protection are identified</p>	<p>10</p>
			<p>Criticize the information to retain only the facts relevant to accidents</p> <p><i>CSMPA= -</i></p> <p>Observation of work situations and analysis of operator activity</p>				

			<p>Organize information in order to determine the chain of causes to reconstruct the logic of accidents</p> <p><i>CSMPA =</i></p> <p>Analysis of accidents by the method of the fault tree. Build a fault tree using software</p>				
			<p>Make a diagnosis and propose measures to better control the accidents. Edit the appropriate document (DU). Transcribe or update the results of his work in the document (DU) as required by the regulations</p> <p><i>CSMPA =</i></p> <p>constraints of the company resources of the company, lists of subcontracted prevention work, coordination general Plan in security and protection in the company (it provides a framework for writing and harmonization of specific security plans) ..</p>				
		<p>Study the risks (<i>this step takes place before the accident has happened</i>)</p>	<p>Perform at first monitoring and verification of regulatory requirements for prevention</p> <p><i>CSMPA =</i></p> <p>Required displays and instructions. Records of personnel and of labour inspection, records of periodic reviews and audits (see INRS publication ED 828 to learn about periodic checks), the medical records.</p>				
			<p>Determine the workstation to identify risks for each one</p>				

<p>Training on specific risks, prevention measures, and safety procedures in construction</p> <p><i>(suitable for all types of risk)</i></p>			<p><i>CSMPA</i> =</p> <p>Flowchart of the company. Observation of work situations and analysis of the operators' activity. Identification of delayed risks related to the activity (noise, vibration, dust, environment of the workplace).</p>				
			<p>Identify, classify and analyze risks</p> <p><i>CSMPA</i> =</p> <p>Flowchart of the company. Observation of work situations and analysis of the operators' activity. Identification of delayed risks related to the activity (noise, vibration, dust, environment of the workplace).</p>				
			<p>Develop areas for improvement by showing the social and financial issues of prevention of occupational hazards</p> <p><i>CSMPA</i> =</p> <p>The consequences of accidents (from a human, social, legal -civil, administrative, criminal point of view), the inexcusable fault, the penalties.</p>				
		<p>Define, when appropriate, a prevention approach</p> <p>Studying with the actors in charge of health and safety the implementation of practical solutions for improving working conditions</p> <p><i>CSMPA</i> =</p> <p>methods, work equipment, training, creation of a service or a security guard, etc.</p>					

			<p>Determine selection criteria for the implementation and monitoring of preventive measures, present them to the management board and the staff representatives responsible for health and safety at work, provide a synthesis and transcription in the document (DU)</p> <p>CSMPA = Indicators of achievement. Indicators of evaluation of prevention</p>				
<p>Participation in the development, and in the operational implementation and operation of the management of a system on Health and Safety at Work ((SMS1)</p>	<p>Agree with all the stakeholders in the building process on the operational objectives to be achieved (or objectives of management)</p>	<p>Use the techniques for negotiation and social dialogue with representatives responsible for health and safety at work</p> <p>CSMPA = Techniques of negotiation and social dialogue</p>	<p>Integrate the management of health and safety in all the functions of the company is a good prevention practice (training objectives would be to integrate the management of health and safety in all the functions the construction company)</p>				
		<p>Participate in the development of the objectives to be achieved, identify and implement communication tools to characterize the planned situation</p> <p>CSMPA = Access over the Internet to practical solutions for prevention. Develop and publish an action plan. Establish or update the required displays and records</p>					
		<p>Gather and record in the DU the results of the work on the</p>					

			<p>operational objectives to achieve concerning health and safety matters in the company</p> <p>CSMPA =</p> <p>Access over the Internet to practical solutions for prevention. Develop and publish an action plan. Establish or update the required displays and records</p>				
		Determine and implement criteria and indicators for assessing the operational objectives to be achieved	<p>Identify among the selected operational objectives those which can be evaluated</p> <p>CSMPA =</p> <p>Rely on relevant criteria and indicators, understood and shared by all the staff</p>				
			<p>Build and implement an assessment grid in conjunction with the management board or the company officials responsible for health and safety at work</p> <p>CSMPA =</p> <p>Ability to work as a team</p>				

			<p>Evaluate the results on the chosen objectives to be able to provide a continuous improvement</p> <p>CSMPA =</p> <p>An assessment tool is available on the site www.inrs INRS (folder "management systems for health and safety at work"), the grid "GPS SST"</p>				
			<p>Implement systematic audits</p> <p>CSMPA =</p> <p>An assessment tool is available on the site www.inrs INRS (folder "management systems for health and safety at work") → see the grid "GPS SST"</p>				
		<p>Implement programs of information, of training or of reception targeted on health and safety in the company</p>	<p>Organize and provide all employees with information about risks and prevention measures which have been taken</p> <p>CSMPA =</p> <p>information on ways, access, exits and passage ways. Practical and appropriate training at the workplace. Specific training in the organization of help and the fight against fire</p>				
			<p>Provide practical and appropriate training on security matters to the new employees, employees at new workplaces, with new jobs or technical employees in counter-</p>				

			<p>term (CDD), temporary, employees and employees coming back to work after a stop of more than 21 days.</p> <p>In particular, remember the entrepreneur his responsibilities on health and safety matters at work by appropriate means.</p> <p>CSMPA =</p> <p>Information on ways, access, exits and passage ways. Practical and appropriate training at the workplace. Specific training in the organization of help and the fight against fire</p>				
			<p>As a priority, ensure the safety training of management board to provide the necessary knowledge, so that they integrate prevention into all the work activities, the awareness of the importance of messages and dialogue.</p> <p>CSMPA =</p> <p>Use appropriate educational tools. Use social dialogue with representatives on health and safety at work</p>				

			<p>Capitalize on the results of the training provided to implement strategic projects, innovative devices (valorisation and provision of these teachings, possible implementation of action plans to modify practices, etc.).</p> <p><i>CSMPA</i> =</p> <p>Analyze the implemented approaches, the methods, the productions, the role and level of involvement of stakeholders, as well as the means used. The CEDIP provides a method and an analytical grid for feedback: CEDIP - REX.odt Sheet No. 51, December 2011: http://www.cedip.equipement.gouv.fr/rubrique.php3?id_rubrique=99</p>				
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<p>Training on specific risks, prevention measures, and safety procedures in constructions</p> <p><i>(a typical example of lifting devices and accessories)</i></p>		<p>Establish relationships with official bodies responsible for safety at work</p>	<p>Collect, process and adapt all the necessary documentation (legislative, regulatory, administrative and technical resources) to enrich the information or training sessions on official organizations responsible for safety at work</p> <p><i>CSMPA =</i></p> <p>Labour Code. Work inspectorat. European directives. Law : December 31st 1991 on the prevention of occupational hazards. Law of 31st December 1993 on temporary or mobile building sites. Code of Social Security. Legislation on classified installations. Law of public buildings.</p> <p>See also: Safety and health protection on building sites and public works - Legislative and Regulatory ND 2211-195-04-INRS²</p>				
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¹ Un Système de management de la santé et de sécurité au travail (SMSST) peut être défini comme un dispositif de gestion combinant personnes, politiques, moyens et visant à améliorer la performance d'une entreprise en matière de santé et de sécurité au travail

² This note presents a synthesis of the legislation and legal system applicable to building and civil engineering site operations in which different companies or self-employed tradesmen are simultaneously or successively involved. The texts, extract from the Labour Code and non codified decrees, are reproduced in their entirety.

In particular, they concern

- the co-ordination task in terms of safety and health protection on building sites, whether during the design, study or planning of a project or during the construction of the structure;
- the job of coordinators, their means and their training;
- the general co-ordination plan relative to health and safety protections;
- the specific health and safety protection plan;
- The inter-enterprise college of safety, health and working condition.

			<p>Build a regular work relationship with the organizations in charge of health and safety to be proactive in preventing health and safety at work</p> <p>CSMPA =</p> <p>Labour Code. Work inspector at. European directives. Law : December 31st 1991 on the prevention of occupational hazards. Law of 31st December 1993 on temporary or mobile building sites. Code of Social Security. Legislation on classified installations. Law of public buildings.</p> <p>See also: Safety and health protection on building sites and public works - Legislative and Regulatory ND 2211-195-04-INRS³</p>				
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In particular, they concern

- the co-ordination task in terms of safety and health protection on building sites, whether during the design, study or planning of a project or during the construction of the structure;
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- the general co-ordination plan relative to health and safety protections;
- the specific health and safety protection plan;
- The inter-enterprise college of safety, health and working condition.

	<p>Activities, tasks skills and competences formalizing the mandatory technical checks and controls that may be incurred by the Safety Trainer</p> <p><i>(Example : devices and accessories for lifting)</i></p>	<p>Participate in the choice of the material</p>	<p>Require for the hoist and lifting accessories the compliance with the regulations or the certificate of conformity for hired equipment</p> <p><i>CSMPA =</i></p> <p>Take into account the following: the weight of loads to raise or to get down, their reach for some of them, their dimensions, the necessary height under the hook with the accessories required for lifting, the state of the supporting surface (access, installation, obstacles, slope and elevation, etc.). the CE marking and the declarations of conformity are due from January 1st 1995 for new equipment with manufacturer's name, type designation, load limit, load table, etc.).</p> <p>AFNOR publishes an annual catalog of standards which can be seen on Internet : http://www.afnor.fr/</p>			<p>Good to build a case study to assess or validate the skills and abilities. To be efficient, the person(s) in charge of this mission must be previously trained and be accountable directly to the company management board</p>	<p>20</p>
			<p>Ensure the effective delivery of an instruction manual for the machines and lifting accessories (technical, safety and health, and environmental instructions) in several EU languages</p> <p><i>CSMPA =</i></p> <p>Instructions on technical, safety and health, and environmental aspects</p>				

			<p>Require or provide appropriate training for operators to prevent the risks linked to materials</p> <p><i>CSMPA</i> =</p> <p>Instructions on technical, safety and health, and environmental aspects</p>				
		<p>Perform (or ensure that they are made) the various regulatory checks and controls</p>	<p>Perform the checks linked to commissioning, taking into account the checks made or not by the seller or renter</p> <p><i>CSMPA</i> =</p> <p>Instructions on technical, safety and health, and environmental aspects</p>				
			<p>Carry out the periodic required checks</p> <p><i>CSMPA</i> =</p> <p>The labour code sets the content and frequency of checks and mandatory controls of some materials, equipments and installations (see CeSaTra. General organisation of prevention in construction in France).</p> <p>Periodic technical checks aim at assessing the state of parts of the installation and of the safety devices to determine:</p> <ul style="list-style-type: none"> -if a repair or a replacement is promptly required, - or if these safety devices can properly fulfill their roles until the next check 				

			<p>Perform the checks before the return to service :</p> <ul style="list-style-type: none"> - The change of the site or of the conditions of use on the same site, - During disassembling followed by reassembling - When a replacement, a repair or a modification involving a vital organ or following an accident caused by the failure of a vital organ <p>CSMPA = Same</p>				
			<p>Record these checks in the register of lifting equipment available on the place of use</p> <p>CSMPA =</p> <p>Auditors must regularly perform this activity. The list must be kept available to the labour inspector. For mobile devices, the minutes of the last check should take place in the machine</p>				

		Participate in the implementation and use of the device (machine)	<p>Comply with instructions given by the manufacturer and contained in the notice, especially regarding the technical characteristics, the operating conditions, the maintenance manual.</p> <p>CSMPA =</p> <p>Rated load, load table, supporting surface, actions, sealing, crane track, etc.).. Gauge, wind up, shutdown, etc..</p> <p>Also take into account existing buildings, the no-fly load (schools, hospitals, busy roads, railways, etc.), the right of local residents, the presence of other cranes and take appropriate measures (site plan, planning of works limiting changes, etc.).</p>				
			<p>Inform designated operators about operating conditions and about the maintenance of machines, of the related instructions, with the indications of the safety measures to be taken and possibly of the personal protective equipment to be worn (PPE)</p> <p>CSMPA =</p> <p>Same</p>				

			<p>Assign the machine to a qualified person, perfectly familiar with the instructions, knowing that an authorization to conduct it is mandatory</p> <p><i>CSMPA</i> =</p> <p>Only use tested and marked lifting accessories and prohibit improvised devices.</p> <p>A good way to meet the obligations of control of the knowledge and know how of the operators is the certificate to drive safely (certificate d'aptitude à la conduite en sécurité = CACES) whose conditions to obtain it are defined by the recommendations of the National Insurance disease organization (CNAMTS).</p> <p>This procedure is mandatory for the use of tower cranes, mobile cranes, loader cranes for loading vehicles, industrial carts propelled ride-handling, mobile lifting platforms for people, construction equipment</p>				
			<p>Ensure that standardized gestures of command are used and that the staff are equipped with radio whenever necessary (poor visibility, long distance between the operator and the head of operation, etc.).</p> <p><i>CSMPA</i> =</p> <p>Regulatory procedures FD E 52-401</p>				

		Write a verification report or keep updated a maintenance or monitoring log	<p>Provide an audit report that reveals the points of difference between the regulations and mandatory standards, and the defects and deficiencies that may affect the safe use of installations</p> <p>CSMPA =</p> <p>Access through the Internet to the catalog of practical solutions of prevention</p>				
			<p>Report on the situation to the entrepreneur and write the report in the document (DU)</p> <p>CSMPA =</p> <p>Same</p>				
			<p>Keep updated a maintenance book of the work done for the compliance and the elimination of defects with the necessary evidences (invoice or annotations on the document (DU))</p> <p>CSMPA =</p> <p>Same</p>				

Swiss Addendum *

Activity Areas	Activities	Tasks	Skills and Knowledge	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in constructions	Training on Swiss national rules on safety and health of workers at work in construction sector	<p>Determining the Swiss Safety and Health Legislation requirements of the training (in particular: determining the Swiss Safety and Health Legislation skill requirements of the training specification and the Swiss Safety and Health Legislation requirements of the training context, and utilising validated tools and other sources of information to determine existing Swiss Safety and Health Legislation skills of learners)</p>	<p>Swiss federal insurance and authority for safety and health on workplace (SUVA) has issued a vademecum for building sector that indicates the rules to be followed for the building workers. This vademecum is conceived as a training material for safety experts to be used on the workplaces for training of workers.</p> <p>A training module of 8 hours (1 day) for building sector (not specific for specific sub-processes of the sector and not for the 3 professional profiles of safety assistant/expert/engineer, but usable as prior training for obtaining one of the 3 certified federal profiles) is organised as follows:</p> <ul style="list-style-type: none"> • accident phenomena and principles • legal basis • examples and practical cases • responsibilities 	<p>Provide training interventions and learning opportunities on sectoral in constructions Swiss Safety and Health Legislation</p>	<p>15</p>	<p>Provide training interventions and learning opportunities on sectoral in constructions Swiss Safety and Health Legislation</p>	<p>15</p>
		<p>Customising program to develop Swiss Safety and Health Legislation skills (in particular: selecting and customising or developing learning and assessment materials that are appropriate to Swiss Safety and Health Legislation skills of</p>					

		<p>training specification, training context and learners, applying learning support strategies to assist learners to develop required Swiss Safety and Health Legislation skills).</p>	<ul style="list-style-type: none"> • how to motivate learning and train properly • rules and laws on safety on workplace for: excavation, bricklayer, scaffolding, demolition, crane, carpentry, electricity, roof, stairs, circular saw, load lifting, chemical materials, street safety, personal protection devices • examples • final discussion and conclusion <p>A training course for Safety expert with federal certification (the intermediate profile) is organised in 13 days of training and 2 days of examinations; total 15 days. Is structured as follows:</p> <p>Deep analysis of:</p> <ul style="list-style-type: none"> • legal basis • planning and application of a safety system • systemic identification of risks • prevention of professional diseases <p>- Principles of ergonomics, physiology and health on workplaces</p> <p>- Communication, training and information</p> <p>- Planning and presentation of a complete safety and health protection plan to the company's management</p>				
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<p>Training on specific risks, prevention measures, and safety procedures in constructions</p>	<p>Training on specific risks, prevention measures, and safety procedures in brickwork and carpentry works</p>	<p>Determining the requirements of the training on specific risks, prevention measures, and safety procedures in brickwork and carpentry works (in particular: determining the skill requirements of the training specification on specific risks, prevention measures, and safety procedures in brickwork and carpentry works, and the requirements of the related training context, as well as utilising validated tools and other sources of information to determine existing skills of learners on specific risks, prevention measures, and safety procedures in brickwork and carpentry works)</p>	<p>The Swiss Safety expert has:</p> <ul style="list-style-type: none"> • sectoral skills in constructions for Swiss safety and health legislation for brickwork and carpentry works, in particular for materials, technologies and applications • skills to deliver effective training and assessment • skills in pedagogy and educational requirements for learner skill levels and training • skills to interact with appropriate external authorities and to interpret a wide range of documents related to sectoral Swiss safety and health legislation for brickwork and carpentry works • knowledge about definitions of sectoral Swiss safety and health legislation skills for brickwork and carpentry works, and the methodology to assess skill levels • knowledge Swiss policy and specific "ordinance" on the integration of national sectoral rules and laws in constructions safety, specific for brickwork and carpentry works and health legislation into training 	<p>Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in constructions</p>	<p>15</p>	<p>Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in brickwork and carpentry works</p>	<p>15</p>
		<p>Customising program to develop skills on specific risks, prevention measures, and safety procedures in brickwork and carpentry works (in particular: selecting and customising or developing learning and assessment materials that are appropriate to specific risks, prevention measures, and safety</p>	<p>Know Swiss sectoral legislation for constructions, in specific on brickwork and carpentry works on occupational safety and health following the above</p>				

		<p>procedures in brickwork and carpentry works skills of training specification, training context and learners, applying learning support strategies to assist learners to develop required skills on specific risks, prevention measures, and safety procedures in brickwork and carpentry works, and continuously monitoring and evaluating approaches to determine areas for improvement)</p>	<p>mentioned laws and rules (ordinances)</p>				
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* We refer in this section to safety assistant and in particular to safety expert Swiss professional figures

Polish Addendum

Activity Areas	Activities	Tasks	Skills and Knowledge	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in construction	Training on Polish national rules on safety and health of workers at work in the construction sector	Customising program to develop the Polish Safety and Health Legislation skills with regard to the construction sector based on Construction Act (code) and another sector related regulations	Knowledge about the legal frames of OSH prevention in the construction sector	Provide training interventions and learning opportunities on sectoral in constructions Polish Safety and Health Legislation	6	Provide training interventions and learning opportunities on sectoral in constructions Polish Safety and Health Legislation	6
Training on specific risks, preventive measures and safety procedures in constructions	Training on specific OSH measures and safety preventive procedures for employers and managers	Customising program to develop skills on specific risks, preventive measures, and safety procedures for employers and managerial staff	<ul style="list-style-type: none"> - Knowledge about OSH prevention in the management of the company. - Knowledge about the risks and responsibility in the construction worksites. - Knowledge about dangerous substances and factors in the construction activity. - Knowledge related to the functions, duties and responsibilities of managers in the prevention of occupational risks. 	Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures in constructions	24	Provide training interventions and learning opportunities on specific OSH measures and safety preventive procedures for employers and managers	4

			<p>develop security plans and studies.</p> <ul style="list-style-type: none"> - Knowledge about the costs of accidents and the profitability of prevention. - Knowledge related to the basic laws and regulations on prevention. - Knowledge concerning organs and bodies involved in the management of prevention. 				
	<p>Training on specific risks, preventive measures and safety procedures for middle management (technics, foremans, etc.)</p>	<p>Customising program to develop skills on specific risks, preventive measures and safety procedures for middle management</p>	<ul style="list-style-type: none"> - Knowledge about the implementation of OSH prevention in the company. - Knowledge concerning the OSH risks in the construction worksites - Knowledge related to the types of risks and preventive techniques - Interpret security plans and studies - Identify major risk areas and with specific dangers (knowledge about dangerous substances and factors in the construction activity). - Knowledge about the risks related to construction machinery operations organisation. - Knowledge about the co-ordination of OSH in various types of activity. - Knowledge related to first aid and emergency measures . 			<p>Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures for middle management (technics, foremans, etc.)</p>	<p>4</p>

	<p>Training on specific risks, preventive measures, and safety procedures for employees</p>	<p>Customising program to develop skills on specific risks, preventive measures, and safety procedures for employees</p>	<ul style="list-style-type: none"> - Knowledge about the risks in the construction worksites. - Knowledge about dangerous substances and factors in the employee occupational activity. - Knowledge about the risks related to construction machinery operations - Knowledge related to the types of risks and preventive techniques. - Knowledge related to how to plan schedules and preventive phases. - Knowledge about organs and bodies involved in the management of prevention. - Knowledge related to the rights and obligations of workers. - Knowledge of the basic laws and regulations on prevention. 			<p>Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for employees</p>	<p>8</p>
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	<p>Training on specific risks, preventive measures and safety procedures for different construction professions and activities *</p>	<p>Customising program to develop skills on specific risks, preventive measures and safety procedures for different construction professions and activities</p>	<ul style="list-style-type: none"> - Knowledge concerning the specific professional activities and its risks according professional curricula and standards. - Knowledge concerning the specific kinds of construction activities and its risks according Polish Law regulations. - Knowledge about basic preventive techniques to apply in terms of those risks. - Basic knowledge about risk assessment procedures for specific activities - Knowledge related to the auxiliary resources, machinery, equipment and tools used in specific tasks and the associated risks. - Knowledge of how to verify and analyse a workplace and its environment - Knowledge about the rights and obligations of workers. 			<p>Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures for different construction professions and activities *</p>	<p>8</p>
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* This kind of activity depends of required kind of professional training or activity (matter of company/worksite requirements and trainer choice)

ECVET Credits Recapitulation Tables (for each Country)

Section A – Activities, competences / units of learning outcomes and ECVET credits related to training **transversal** competences

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Administration	Organisation and planning	Support the administration of training interventions and projects, participating to organisation, planning, and management of them	10	Participate to administrative organisation and planning of training interventions	5
	Project management			Participate to administrative project management of training interventions	5
Training	Planning	Plan and provide training interventions and learning opportunities, facilitating in learning, and assessing and evaluating the learning process and outcomes	30	Plan training interventions and learning opportunities, according to verified needs and priorities	6
	Facilitation in learning			Provide training interventions and learning opportunities adapted to individuals and groups, facilitating and accompanying them in the learning and qualification process	18
	Assessment & evaluation			Assess and evaluate learning processes and outcomes	6
Development & quality assurance	Developing oneself	Provide for own continuing professional development, and support the organisational development, also applying the QA principles and tools	10	Provide for own continuing professional development	3
	Developing institution, workplace, company			Support the organisational development of VET providers and of informal and non formal training contexts	3
	Quality Assurance (QA)			Apply the QA principles and tools to organisation and oneself activities	4
Networking	Internal networking	Participate to internal and external networking	10	Participate to internal networking of own organisation engaging in internal networks and teams and promoting peer learning within them	5
	External networking			Participate to external networking of own organisation, liaising and cooperating with educational and professional organisations and networks and with world of work and production, also at international level	5
ECVET Credits Total			60	ECVET Credits Total	60

Section B –Activities, competences / units of learning outcomes and ECVET credits related to training competences in safety

Common sub-section

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on EU rules for safety and health of workers at work	Provide training interventions and learning opportunities on EU Safety and Health Legislation	15	Provide training interventions and learning opportunities on EU Safety and Health Legislation	15
ECVET Credits Total			15	ECVET Credits Total	15

Italian Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on Italian national rules on safety and health of workers at work	Provide training interventions and learning opportunities on Italian Safety and Health Legislation	15	Provide training interventions and learning opportunities on Italian Safety and Health Legislation	15
ECVET Credits Total			15	ECVET Credits Total	15

Spanish Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on Spanish national rules on safety and health of workers at work	Provide training interventions and learning opportunities on Spanish Safety and Health Legislation	15	Provide training interventions and learning opportunities on Spanish Safety and Health Legislation	15
ECVET Credits Total			15	ECVET Credits Total	15

German Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on German national rules on safety and health of workers at work	Provide training interventions and learning opportunities on German Safety and Health Legislation	15	Provide training interventions and learning opportunities on German Safety and Health Legislation	15
ECVET Credits Total			15	ECVET Credits Total	15

Belgian Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on Belgian national rules on safety and health of workers at work	Provide training interventions and learning opportunities on Belgian Safety and Health Legislation	15	Provide training interventions and learning opportunities on Belgian Safety and Health Legislation	15
ECVET Credits Total			15	ECVET Credits Total	15

Swiss Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on Swiss national rules on safety and health of workers at work	Provide training interventions and learning opportunities on Swiss Safety and Health Legislation	15	Provide training interventions and learning opportunities on Swiss Safety and Health Legislation	15
ECVET Credits Total			15	ECVET Credits Total	15

French Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Teaching health and security	Teach how to anticipate on health, safety and security matters/ Identify the elements to analyze a situation to assess risk	1 - Anticipate on health, safety and security matters 2 - Identify the elements to analyze a situation to assess risk	5/5	1.1 - Apprehend Occupational hazards 1.2- the legal obligations on health and safety in construction 1.3 –the context of the risk : devices, systems, procedures and documents related to risk and health and security 2.1 - Risk management in a company : analytical methods to analyse and assess risk	5/5
	Teach how to implement the security measures	3 - Implement the security measures in the company and on the on a building site	5	3 .1 Implement the security measures in the company and on the on a building site -Prevention themes -Self protection and collective protections -alert and rescue 3.2 - Act in a process of continuous improvement in the prevention	5
ECVET Credits Total			15	ECVET Credits Total	15

Polish Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work	Training on Polish national rules for safety and health of workers at work	Provide training interventions and learning opportunities on Polish Safety and Health Legislation	15	Provide training interventions and learning opportunities on Polish Safety and Health Legislation	15
ECVET Credits Total			15	ECVET Credits Total	15

Section C – Activities, competences/units of learning outcomes and ECVET credits related to training competences in safety in constructions

Italian Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in constructions	Training on Italian national rules on safety and health of workers at work in construction sector	Provide training interventions and learning opportunities on sectoral in constructions Italian Safety and Health Legislation	5	Provide training interventions and learning opportunities on sectoral in constructions Italian Safety and Health Legislation	5
Training on specific risks, prevention measures, and safety procedures in constructions	Training on specific risks, prevention measures, and safety procedures in brickwork and carpentry works	Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in constructions	25	Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in brickwork and carpentry works	5
	Training on specific risks, prevention measures, and safety procedures in road construction works			Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in road construction works	5
	Training on specific risks, prevention measures, and safety procedures in building renovation and restoration works			Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in building renovation and restoration works	5
	Training on specific risks, prevention measures, and safety procedures in building finish works (paintwork, plasterwork, planking)			Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in building finish works (paintwork, plasterwork, planking)	5
	Training on specific risks, prevention measures, and safety procedures in plumbing and heating system, and wiring works			Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in plumbing and heating system, and wiring works	5
ECVET Credits Total			30	ECVET Credits Total	30

Spanish Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in constructions	Training on Spanish national rules on safety and health of workers at work in construction sector	Provide training interventions and learning opportunities on sectoral in constructions Spanish Safety and Health Legislation	6	Provide training interventions and learning opportunities on sectoral in constructions Spanish Safety and Health Legislation	6
Training on specific risks, preventive measures and safety procedures in constructions	Training on specific risks, preventive measures and safety procedures for managerial staff	Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures in constructions	24	Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for managerial staff	2
	Training on specific risks, preventive measures, and safety procedures for staff in charge on the worksites and for implementation technicians			Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for staff in charge on the worksites and for implementation technicians	2
	Training on specific risks, preventive measures and safety procedures for middle management			Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for middle management	2
	Training on specific risks, preventive measures and safety procedures for different construction trades			Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for different construction trades	12
				Provide practical training in the use and installation of individual and collective protection	6
ECVET Credits Total			30	ECVET Credits Total	30

German Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in constructions	Training on German national rules on safety and health of workers at work in construction sector	Provide training interventions and learning opportunities on sectoral in constructions German Safety and Health Legislation	15	Provide training interventions and learning opportunities on sectoral in constructions German Safety and Health Legislation	15
Training on specific risks, prevention measures, and safety procedures in constructions	Training on specific risks, prevention measures, and safety procedures in construction works (branches, fields, work areas: Construction works above ground level / high building)	Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures in constructions	15	Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures in construction works above ground level and high building (infrastructure work, building construction, finishing work)	15
ECVET Credits Total			30	ECVET Credits Total	30

Belgian Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in constructions	Training on Belgian national rules on safety and health of workers at work in construction sector	Provide training interventions and learning opportunities on sectoral in constructions Belgian Safety and Health Legislation	30	Provide training interventions and learning opportunities on sectoral in constructions Belgian Safety and Health Legislation	30
ECVET Credits Total			30	ECVET Credits Total	30

Swiss Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in constructions	Training on Swiss national rules on safety and health of workers at work in construction sector	Provide training interventions and learning opportunities on sectoral in constructions Swiss Safety and Health Legislation	15	Provide training interventions and learning opportunities on sectoral in constructions Swiss Safety and Health Legislation	15
Training on specific risks, prevention measures, and safety procedures in constructions	Training on specific risks, prevention measures, and safety procedures in brickwork and carpentry works	Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in constructions	15	Provide training interventions and learning opportunities on specific risks, prevention measures, and safety procedures in brickwork and carpentry works	15
ECVET Credits Total			30	ECVET Credits Total	30

French Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on specific risks, prevention measures, and safety procedures in construction (suitable for all types of risk)	Making a diagnosis of the situation	Realization of a diagnosis of situation (or in terms of expected outcomes or objectives of training: <i>the diagnosis of the situation is made</i>) .	30	- The main risks are identified and their causes are analyzed. - The discontinuities of protection are identified	10
	Activities, tasks skills and competences formalizing the mandatory technical checks and controls that may be incurred by the Safety Trainer (Example : devices and accessories for lifting)			Good to build a case study to assess or validate the skills and abilities. To be efficient, the person(s) in charge of this mission must be previously trained and be accountable directly to the company management. board	20
ECVET Credits Total			30	ECVET Credits Total	30

Polish Addendum

Activity Areas	Activities	Competences / Learning Outcomes units (ULO)	ECVET Credit (ULO)	Competences / Learning Outcomes units parts (ULO parts)	ECVET Credit (ULO parts)
Training on rules for safety and health of workers at work in construction	Training on Polish national rules on safety and health of workers at work in the construction sector	Provide training interventions and learning opportunities on sectoral in constructions Polish Safety and Health Legislation	6	Provide training interventions and learning opportunities on sectoral in constructions Polish Safety and Health Legislation	6
Training on specific risks, preventive	Training on specific OSH measures and safety preventive procedures for employers and managers	Provide training interventions and learning opportunities on specific risks, preventive measures	24	Provide training interventions and learning opportunities on specific OSH measures and safety preventive procedures for employers and managers	4

measures and safety procedures in constructions	Training on specific risks, preventive measures and safety procedures for middle management (technics, foremans, etc.)	and safety procedures in constructions		Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures for middle management (technics, foremans, etc.)	4
	Training on specific risks, preventive measures, and safety procedures for employees			Provide training interventions and learning opportunities on specific risks, preventive measures, and safety procedures for employees	8
	Training on specific risks, preventive measures and safety procedures for different construction professions and activities*			Provide training interventions and learning opportunities on specific risks, preventive measures and safety procedures for different construction professions and activities *	8
ECVET Credits Total			30	ECVET Credits Total	30

ECVET Credits Final General Recapitulation Table

	ECVET Credits for the competences common to all participating Countries	ECVET Credits for the specific competences of each participating Country	Total ECVET Credits
Section A –ECVET credits related to training transversal competences	60		60
Section B –ECVET credits related to training competences in safety - Common Sub-section	15		15
Section B –ECVET credits related to training competences in safety - National Addendum		15	15
Section C –ECVET credits related to training competences in safety in constructions – National Addendum		30	30
Total	75	45	120

Mechanisms for the implementation of the MoU

1. Rules and procedures to monitor and enforce the MoU

1.1 Joint governance committee

1.1.1 The *Joint governance committee* is established to facilitate the implementation of this MoU, to oversee administrative processes, and to monitor the performance of all Parties who have agreed to be bound by the terms and conditions of this MoU to ensure, insofar as it may, that any issues or disagreements arising hereunder are resolved promptly and in a manner consistent with the intent of this MoU.

1.1.2 The *Joint governance committee* will also monitor the processes to implement this MoU in an effective and non discriminatory manner, and continue information exchange by whatever means are considered most appropriate, including regular communication and sharing of information.

1.1.3 The *Joint governance committee* should meet at least annually or as often as required in order to effectively perform its duties and assist in the resolution of eventual disputes.

1.1.4 Each organisation undersigning this MoU is represented in the *Joint governance committee* by a minimum of one (1) and a maximum of two (2) Officers/Members/Representatives. The organisations represented in the *Joint governance committee* are the initial contracting Parties of this MoU and all the authorities and organisations which undersign it afterwards.

1.1.5 The organisations interested to participate at this MoU must undersign it and send a copy of the undersigned MoU to the *Joint governance committee*, which will deliberate unanimously, during its subsequent meeting, on the new adhesions to this MoU.

1.1.6 The organisations interested to the adhesion at this MoU have also the possibility to undersign it without participation to the *Joint governance committee*. At this aim, the organisation must specify this will in the framework of the sending of the undersigned MoU to the *Joint governance committee*.

1.1.7 The *Joint governance committee* is based, till its different decision, c/o the Management Co-ordinator of CeSaTra project, *Centro per la Formazione e Sicurezza in Edilizia di Arezzo (Via P. da Palestrina 8, 52100 Arezzo – Italy)*

1.2 Meetings

1.2.1 At *Joint governance committee* meetings a representative of the host organisation shall serve as Chair.

1.2.2 Meeting locations and dates shall be proposed by the hosting organisation, subject to agreement by the others.

1.2.3 The host organisation is responsible for location hotel and meeting room arrangements, catering, dinner reservations, Agenda, Minutes and, shall provide translation services when needed.

1.2.4 Face-to-face meetings require two-month notice.

1.2.5 Minutes must be prepared and distributed within two months.

1.3 Finances

1.3.1 There are no fees.

1.3.2 Each organisation is responsible for its own funding.

2. Mechanisms for dialogue and administrative co-operation

The *Joint governance committee* will put in place mechanisms and procedures which will include:

2.1 To review periodically the concerned professional figure;

2.2 To establish the rules and procedures necessary for the application, evaluation and monitoring of the provisions in this MoU. Member of the *Joint governance committee* will keep in regular contact and hold meetings at least annually to review the implementation and effectiveness of the agreement.

2.3 Acting as an information source for the concerned professionals within the participating Countries.

2.5 A means for dispute resolution for the implementation of this MoU.

2.6 Additional tasks as determined by the *Joint governance committee*.

3. Regulations relating to nationality

3.1 Beneficiaries of the provisions of this MoU will be nationals of the Countries represented by the Parties.


4. Revision of agreement

The agreement is ongoing subject to periodic review by the *Joint governance committee*.

5. Notice of termination

If any Party wishes to withdraw from this MoU, it will inform the *Joint governance committee* of this decision by giving 6 months notice in writing.

MoU adhesion signatures

 <p>Education and Culture DG Lifelong Learning Programme</p>	<p>EU Lifelong Learning Programme 2007-13 Subprogramme Leonardo da Vinci - Call for proposal 2010 EAC/41/09 Priority 1 "Transparency and recognition of competencies and qualifications" Action "Multilateral Projects of Development of Innovation" Project Code 510565-2010-LLP-LEONARDO-LMP</p>
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Certified Safety VET Trainers (CeSaTra)

An experimental intervention to put in transparency and to recognise the competences of the trainers on safety matter in the European VET systems of the Construction sector

ADHESION SIGNATURE 1

Place: Paris

Date: 19/01/2012

Name of the organisation: Provincia di Perugia

Address of the organisation: Piazza Italia 11, Perugia

Country: Italy

Telephone number: +39 075 3681

Fax number:

E-mail: adriano.bei@provincia.perugia.it

Legal representative: Adriano BEI, Director

Stamp:

Signature:



Lifelong Learning Programme

Education and Culture DG

EU Lifelong Learning Programme 2007-13
Subprogramme Leonardo da Vinci - Call for proposal 2010 EAC/41/09
Priority 1 "Transparency and recognition of competencies and qualifications"
Action "Multilateral Projects of Development of Innovation"
Project Code 510565-2010-LLP-LEONARDO-LMP



Certified Safety VET Trainers (CeSaTra)

An experimental intervention to put in transparency and to recognise the competences of the trainers on safety matter in the European VET systems of the Construction sector

ADHESION SIGNATURE 2

Place: Paris

Date: 19/01/2012

Name of the organisation: CR Développement

Address of the organisation: 6, Place Toulouse Lautrec - BP 10109 Villiers le Bel

Country: France

Telephone number: +33 1 34 48 84 38

Fax number:

E-mail: felix.dossou@cr-dev.fr

Legal representative: Félix DOSSOU, President

Stamp:

Signature:



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ADHESION SIGNATURE 3

Place: Paris

Date:

Name of the organisation: Bildungszentren des Baugewerbes e.V. (BZB)

Address of the organisation: Bökendonk 15-17, 47809 Krefeld

Country: Germany

Telephone number: +49-2151-515510

Fax number: +49-2151-515592

E-mail: info@bzb.de

Legal representative: Thomas MURAUER, General Manager

Stamp:

Signature:



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ADHESION SIGNATURE 4

Place: Paris

Date: 19/01/2012

Name of the organisation: ECAP Foundation Switzerland

Address of the organisation: Neugasse 116, 8031 Zürich

Country: Switzerland

Telephone number: +41434444070

Fax number: +41916042031

E-mail: info@ecap.ch

Legal representative: Furio BEDNARZ, President

Stamp:

Signature:



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ADHESION SIGNATURE 5

Place: Paris

Date:

Name of the organisation: Fundacion Laboral de la Construccion del Principado de Asturias

Address of the organisation: L'Alto'l Caleyu 2, 33170 Ribeira de Arriba

Country: Spain

Telephone number: +34985982800

Fax number: +34985982801

E-mail: flc@flc.es

Legal representative: Armando ADEBA GARCIA, General Director

Stamp:

Signature:



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ADHESION SIGNATURE 6

Place: Paris

Date: 19/01/2012

Name of the organisation: Związek Zawodowy "Budowlani" – Budowlani Trade Union

Address of the organisation: Ul. Mokotowska 4/6, 00-641 Warsaw

Country: Poland

Telephone number: +4822825-60-61

Fax number: +4822825-11-23

E-mail: info@zzbudowlani.pl

Legal representative: Ireneusz GOZDZIOLKO, Vice President

Stamp:

Signature:



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ADHESION SIGNATURE 7

Place: Paris

Date: 19/01/2012

Name of the organisation: Formation PME

Address of the organisation: Boulevard Sainte-Beuve, 1 B-4000 Liege

Country: Belgium

Telephone number: +3242298481

Fax number: +3242298439

E-mail: Jacques.wilkin@formation-pme.be

Legal representative: Jacques WILKIN, General Director

Stamp:

Signature:



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ADHESION SIGNATURE 8

Place: Paris

Date: 19/01/2012

Name of the organisation: CREDIJ

Address of the organisation: 48, rue La Bruyère – 75009 Paris

Country: France

Telephone number: +33 1 48 74 90 20

Fax number:

E-mail: françoise.eppstein@credij.fr

Legal representative: Prof. Alain KOKOSOWSKI, President

Stamp:

Signature:



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ADHESION SIGNATURE 9

Place: Paris

Date: 19/01/2012

Name of the organisation: Provincia di Arezzo

Address of the organisation: Piazza della Libertà 3, 52100 Arezzo

Country: Italy

Telephone number: +39 0575 402821

Fax number: +39 0575 402850

E-mail: cborghesi@provincia.perugia.it

Legal representative: Carla BORGHESI, Responsible of VET sector

Stamp:

Signature:



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ADHESION SIGNATURE 10

Place: Paris

Date: 19/01/2012

Name of the organisation: Centro per la Formazione e Sicurezza in Edilizia di Arezzo

Address of the organisation: Via P. da Palestrina 8, 52100 Arezzo

Country: Italy

Telephone number: +39 0575 300317

Fax number: +39 0575 23635

E-mail: a.bigazzi@scuolaedile.ar.it

Legal representative: Giuseppe SINISCALCHI, Vice President

Stamp:

Signature:



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ADHESION SIGNATURE 11

Place: Paris

Date:

Name of the organisation: INAIL Perugia

Address of the organisation: Via Pontani 12, Perugia

Country: Italy

Telephone number: +39 075 50151

Fax number: +39 075 5015677

E-mail: perugia@inail.it

Legal representative: Alessandra LIGI, Director

Stamp:

Signature:



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ADHESION SIGNATURE 12

Place: Paris

Date: 19/01/2012

Name of the organisation: CRC-Cocopro-INAIL Umbria e Toscana

Address of the organisation: Via Pontani 12, Perugia

Country: Italy

Telephone number: +39 07550151

Fax number: +39 075 5015677

E-mail: c.borghesi@provincia.perugia.it

Legal representative: Giuseppe SINISCALCHI, President

Stamp:

Signature:



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ADHESION SIGNATURE 13

Place: Paris

Date: 20/01/2012

Name of the organisation: Regione Toscana

Address of the organisation: Piazza dell'Unità 1, Firenze

Country: Italy

Telephone number: +39 055

Fax number: +39 055

E-mail: marco.masi@regione.toscana.it

Legal representative: Marco MASI, Research Coordination Area Responsible

Stamp:

Signature:



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ADHESION SIGNATURE 14

Place: Paris

Date: 19/01/2012

Name of the organisation: Scuola Edile di Perugia

Address of the organisation: Via Pietro Tuzzi 11, Perugia

Country: Italy

Telephone number: +39 075

Fax number: +39 075

E-mail: info@scuolaedileperugia.it

Legal representative: Salvatore BARTOLUCCI, President

Stamp:

Signature:



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ADHESION SIGNATURE 15

Place: Paris

Date:

Name of the organisation: INAIL Provincia di Arezzo

Address of the organisation: Piazza Guido Monaco 8, Arezzo

Country: Italy

Telephone number: +39 0575 312333

Fax number: +39 0575 312305

E-mail: r.ruggieri@inail.it

Legal representative: Rossana RUGGIERI, Director

Stamp:

Signature:



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ADHESION SIGNATURE 16

Place: Paris

Date:

Name of the organisation: Formedil Regione Toscana

Address of the organisation: Via Lorenzo il Magnifico, Firenze

Country: Italy

Telephone number: +39 055

Fax number: +39 055

E-mail: info@scuolaedile.fi.it

Legal representative: Andrea TANZINI, President

Stamp:

Signature:
