

Green Employability – A synergic transfer of a VET training system for workplace basic skills with ecological sustainability awareness in three European countries. Employabilité verte - un transfert synergique d'un système de formation de VÉTÉRINAIRE pour des qualifications de base de lieu de travail avec la conscience écologique de durabilité dans trois pays européens. Grüne Verwendbarkeit - eine synergic übertragung eines TIERARZT-Training Systems für grundlegende Fähigkeiten des Arbeitsplatzes mit ökologischem sustainability Bewußtsein in drei europäischen Ländern.

<http://www.adam-europe.eu/adam/project/view.htm?prj=9777>

Project Information

Title: Green Employability – A synergic transfer of a VET training system for workplace basic skills with ecological sustainability awareness in three European countries. Employabilité verte - un transfert synergique d'un système de formation de VÉTÉRINAIRE pour des qualifications de base de lieu de travail avec la conscience écologique de durabilité dans trois pays européens. Grüne Verwendbarkeit - eine synergic übertragung eines TIERARZT-Training Systems für grundlegende Fähigkeiten des Arbeitsplatzes mit ökologischem sustainability Bewußtsein in drei europäischen Ländern.

Project Number: 2011-1-BG1-LEO05-05046

Year: 2011

Project Type: Transfer of Innovation

Status: granted

Country: BG-Bulgaria

Marketing Text: The GREEN EMPLOYABILITY aims to implement a synergic transfer of VET training system for workplace basic skills with the ecological sustainability awareness in three target countries -Bulgaria, Spain and Sweden, regarding to the shift of the European labour market towards smart and sustainability jobs.

The project objectives are to raise awareness of ecological issues among VET teachers and to support improvements in quality in VET Systems in 3 countries through importing an innovative methodology.

The target partners (Bulgaria, Spain and Sweden) will be supported by partners from Austria and Italy who will bring their expertise, in particular the Austrian partner who was the developer of the original products and will support the adaptation and quality management.

Summary: The transition to a green economy is a mega trend which affects skill needs across many different jobs and sectors. Green skills are becoming an essential part of all jobs, as happened with the ICT skills. That is why the CEDEFOP highlights that "generic skills need to be improved across the entire workforce" and "Understanding the environmental impact of an occupation needs to be mainstreamed into education and training systems". Integrating sustainable development and environmental issues into existing qualifications is much more effective than creating new training standards.

Green Employability aims to implement a synergic transfer of VET training system for workplace basic skills with ecological sustainability awareness in 3 target countries - Bulgaria, Spain and Sweden, responding to the shift of the European labor market towards smart and sustainable jobs.

The project objectives are to raise the awareness of ecological issues among VET teachers and to support improvements in quality in VET systems in the 3 target countries through importing an innovative methodology and contents.

The project consortium includes 7 partners from 5 countries, all possessing experience in introducing and promoting innovations in VET. The target partners will be supported by partners from Austria and Italy who will bring their expertise, in particular Austrian partners who were developers of the original products and will support the adaptation and quality management.

The partnership will transfer and adapt a GREEN EMPLOYABILITY TRAINING SYSTEM containing a CURRICULUM and training materials for workplace basic skills with ecological sustainability awareness, as well as DIDACTIC GUIDELINES and IMPLEMENTATION CONCEPT that will enhance the application and mainstreaming of the methodology among teachers and stakeholders in VET. Additionally, a GREEN BOOK for Workplacement Ecological Awareness will be developed, containing a comprehensive set of indicators for Workplacement Ecological Awareness.

In each target country the outcomes will be validated through train-the-trainer trainings and improved with the recommendations of national stakeholders. A Green Strategic Group in each partner country will contribute for the adaptation and

Project Information

mainstreaming of the outputs.

The final products will be available in the target partners' languages and in English for free downloads on the website.

As an impact the project will improve the capacity of VET teachers and systems in the 3 target countries to promote green employability skills and awareness.

Description: Green Employability aims to implement a synergic transfer of VET training system for generic employability and green skills in Bulgaria, Spain and Sweden, responding to shift of the European labor market towards smart and sustainable jobs.

The project objectives are:

1. To raise the awareness of ecological issues among VET teachers in the 3 target countries. The EU priorities call for enabling trainers and teachers to teach relevant new "green" techniques and mainstream green skills. The project responds to the CEDEFOP's conclusion that "There are not enough trainers and teachers aware of environmental issues and able to teach new techniques" and EmCo implication: "Attention for the sustainable use of energy, raw materials, space and new technologies should become a vital part of all education and training curricula, already starting in early childhood education. Teaching staff should be adequately prepared for this task."
2. To support improvements in quality in VET systems in the 3 target countries through importing an innovative methodology and contents. The methodology will be designed in a way to easily fit and upgrade the existing programs in vocational trainings offered by all kinds of providers. It will be piloted and improved, integrating the feedback and input of strategic national stakeholders. The methodology will improve the ability of VET systems to better respond to the labor market needs, equipping learners with the right combination of basic skills required by employers.
3. To support participants in VET in the acquisition of generic employability and green skills to facilitate personal development, employability and participation in the European labour market. The project falls within the scope of Leonardo da Vinci priority "Promotion of the acquisition of key competencies in VET" as it will introduce a module-based training methodology for developing the participants' capacity to manage their own lifelong learning, to adapt and continually upgrade through sets of generic skills that can be readily transferred across different settings. Green Employability will include modules for digital and technological skills, entrepreneurship, vocationally oriented language learning, employability and green awareness. As stated in Skills for Green Jobs report, generic skills need to be improved across the entire workforce, referring to both skills required in almost any occupation and the green skills that should be part of any job.

Themes: *** Labor market
 *** Others
 *** Lifelong learning
 *** Vocational guidance
 ** Ecology
 ** Language training
 ** Continuous training
 * Intercultural learning
 * ICT

Sectors: *** Construction
 *** Electricity, Gas, Steam and Air Conditioning Supply
 *** Human Health and Social Work Activities
 *** Information and Communication
 *** Education
 ** Professional, Scientific and Technical Activities

Product Types: website
 CD-ROM
 teaching material
 program or curricula
 material for open learning
 procedure for the analysis and prognosis of the vocational training requirement
 DVD

Project Information

modules

- Product information: The growing importance of skill development for the sustainable economy in the last years showed that European VET systems are not adequately prepared to meet the challenges and propose a revised definition of the basic skills for work.
- Furthermore, there is a clear need for raising the general awareness about green skills and green jobs, making clear that green skills tend to become an essential part of all jobs, as happened with the ICT skills and in the future every job will be a green job.
- For this reason there is a need to mainstream the understanding of the environmental impact of occupations into education and training systems, in order to upgrade and develop adequate generic skills across the entire workforce. The green economy creates a new skills paradigm that is more holistic in approach than the traditional skills paradigm. The new paradigm places greater emphasis on design and working in multidisciplinary teams with high degree of autonomy and responsibility. Projects often bring together professionals from widely diverse backgrounds such as engineers, planners and architects with ecologists and archaeologists. This means that generic skills such as strategic leadership and adaptability will be important in the green economy. All occupations will need 'greening' - from those new jobs focused solely on the delivery of green goods or services to those that will require more limited changes to improve energy efficiency and reduce resource use.
- In this project partners from 3 countries - Bulgaria, Spain and Sweden join efforts with organizations from Austria and Italy to transfer and adapt a new employability curriculum in VET, including the "green skills" as part of the generic skills. As "There are not enough trainers and teachers aware of environmental issues and able to teach new techniques" ("Skills for green jobs"), train-the-trainer trainings in the 3 target countries will take place. Additionally, didactic guidelines and implementation concepts will be elaborated to enhance the application and mainstreaming of the methodology among teachers and stakeholders in VET. A Green Book for Workplacement Ecological Awareness will be developed, containing a comprehensive set of indicators for Workplacement Ecological Awareness.
- As a result of the project a comprehensive Green Employability Training System for workplace basic skills with ecological sustainability awareness will be introduced in Bulgaria, Spain and Sweden. The System will consist of:
- Curriculum and training materials.
 - Country-specific Didactic guidelines on how to incorporate these materials within the existing teaching frameworks;
 - Implementation Concept for each target country, demonstrating how to mainstream the products among relevant national stakeholders.
- Methodological approach:
- The combination of the 2 original products and their transfer into the 3 target countries will be based on Synthesis analysis and the identified needs on the labor market, the skill gaps and needs of learners and the competencies of VET teachers and trainers in sustainability and employability skills development. During the validation phase 2-day train-the-trainers (TOT) trainings will take place in each target country and feedback will be gathered from at least 20 VET teachers and trainers in each country. The Green Strategic Groups will also provide recommendations for improvement.
- Didactic approach:
- The content will be module-based and will include various topics:
- Alternating influence from the Energy Industry and Electronics and the environment
 - Legislation and regulations in the sector.
 - Energy performance and living comfort in existing technologies.
 - Basic knowledge of Energy Industry and Electronics.
 - Basic technologies, materials and innovations in this sector.
 - Digital Skills.
 - Vocational language learning.
 - Entrepreneurship skills.
 - Sustainability awareness.
- Delivery: The training content will be designed for group training workshops but it

Project Information

can be also approached in a self-directed way as a free accessible web course. A holistic way of provision will be promoted, offering the VET practitioners the flexibility to adapt the content, applying a mix of cooperative and participative training elements.

The methodology and materials will be elaborated in English which is the common language for all the partners.

The draft version are going to be translated in the languages of the target countries, in order to test its validity and linguistic adaptation in a real situation with vocational teachers and trainers, stakeholders and learners.

After their feedback and final review by partners, the final products will be available in 4 languages - English, Bulgarian, Spanish and Swedish. The national versions will reflect the necessity for clarity and applicability for the target groups, so absolute identity of versions won't be expected. Moreover, partners will continue to exploit the outputs in different contexts and if necessary, further adaptations can be made in national versions.

For the sake of vocational language learning module, a glossary will be developed including the main terms in English and in national languages.

The website and the dissemination materials will be available in all partners' languages.

The Final Multiplying Conference in Bulgaria will be conducted in English.

Projecthomepage: <http://greenemployability.info/>

Project Contractor

Name: Profesionalna gimnaziya po elektrotehnika i elektronika "Mihailo Vasilievich Lomonosov"
City: Gorna Oryahovitsa
Country/Region: Severen tsentralen
Country: BG-Bulgaria
Organization Type: public institution
Homepage: <http://mvl.pip.digsys.bg>

Contact Person

Name: Galina Petrova
Address: 31 Nikola Petrov Str.
City: Gorna Oryahovitsa
Country: BG-Bulgaria
Telephone: +359 618 20257] 0886 086 212
Fax: +359 618 60618
E-mail: mvlg_petrova@abv.bg
Homepage:

Coordinator

Name: Galina Petrova
City: Gorna Oryahovitsa
Country/Region: Severen tsentralen
Country: BG-Bulgaria
Organization Type: public institution
Homepage: <http://mvl.pip.digsys.bg>

Contact Person

Name: Galina Petrova
Address: str. Nicola Petrov 31
City: Gorna Oryahovitsa
Country: BG-Bulgaria
Telephone: 0618 20257 ; 0886 086 212
Fax: 0618 60618
E-mail: mvlg_petrova@abv.bg
Homepage:

Partner

Partner 1

Name: XXI INVESLAN, S.L.
City: Bilbao
Country/Region: Pais Vasco
Country: ES-Spain
Organization Type: research institution
Homepage: <http://www.inveslan.com>

Partner 2

Name: BEST Institut für berufsbezogene Weiterbildung und Personaltraining GmbH
City: Vienna
Country/Region: Vienna
Country: AT-Austria
Organization Type: others
Homepage: <http://www.best.at>

Partner 3

Name: StudioCentroVeneto sas
City: Vicenza
Country/Region: Veneto
Country: IT-Italy
Organization Type: others
Homepage: <http://www.studiocentroveneto.com>

Partner 4

Name: Centrum för flexibelt lärande, Söderhamns kommun
City: Söderhamn
Country/Region: Östra Mellansverige
Country: SE-Sweden
Organization Type: others
Homepage: <http://www.cfl.se>

Partner

Partner 5

Name: Business Foundation for Education
City: Sofia
Country/Region: Yugozapaden
Country: BG-Bulgaria
Organization Type: others
Homepage: <http://www.fbo.bg>

Partner 6

Name: Bulgarian Human Resources Management and Development Association - BHRMDA
City: Sofia
Country/Region: Yugozapaden
Country: BG-Bulgaria
Organization Type: others
Homepage: <http://www.bhrmda.bg>