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www.vet4gseb.eu



Co-funded by the
the European Union

VET PARTNERSHIP FOR GREEN AND SMART ELECTRICITY IN BUILDINGS



CHAMBER OF INSTALLATION SPECIALISTS IN
BULGARIA - "TOGETHER WE CAN DO MORE"



The project's aim

The project VET4GSEB aims to transfer experience and good practices in the field of vocational education and training from European countries (Bulgaria and Turkey) to the other countries participating in the project, namely Albania, Ukraine, Armenia and Georgia. What is invaluable, however, is the sharing and knowledge of ideas between all partners.

VET4GSEB's goal is to equip VET providers with tailored solutions, training materials, tools and guidance so as to enable them to update and improve their training programmes and practices.



The targets and objectives set in the EU Energy Strategies and policies and those of the participating countries have led to changes in the labor market for designers and installers of “smart” applications and renewable energy systems in buildings. The sector needs professionals with new skills - not only knowledge and skills in the field of “smart” building installations and RES systems, but also soft, interpersonal, and entrepreneurial competencies.

SOFIA ENERGY CENTRE (SEC) FROM BULGARIA



PEOPLE IN FOCUS FROM ALBANIA



NATIONAL CHAMBERS OF CRAFTS FROM ALBANIA



CHAMBER OF INSTALLATION SPECIALISTS – CISB FROM BULLGARIA



ENERGY EFFICIENCY CENTRE GEORGIA (EECG) FROM GEORGIA



SUSTAINABLE DEVELOPMENT AND ENVIRONMENT ASSOCIATION (SUDEAS) FROM TURKIYE.



NATIONAL UNIVERSITY OF LIFE AND ENVIRONMENTAL SCIENCES OF UKRAINE (NUBIP) FROM UKRAINE



TANIQ FROM ARMENIA



VET4GSEB KICK-OFF MEETING

The VET4GSEB project launched on January 26-27, 2023, in Sofia, Bulgaria, hosted by Sofia Energy Center (SEC). Sixteen participants from six partner countries attended, including online participants from Ukraine.

The meeting covered key project aspects, including:

- Project Overview & Management – Led by SEC
- Needs Analysis & Training Tools – Presented by CISB & SUDEAS
- Dissemination & Impact Strategies

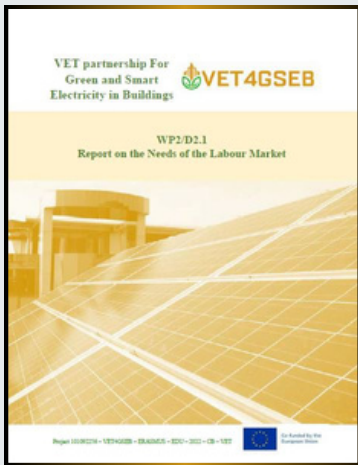
The event set the project's foundation, fostering collaboration through productive sessions and informal networking.



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RESULTS OF THE PROJECT

1. Report on Labour Market Needs for electricians and installers of RES systems in buildings.



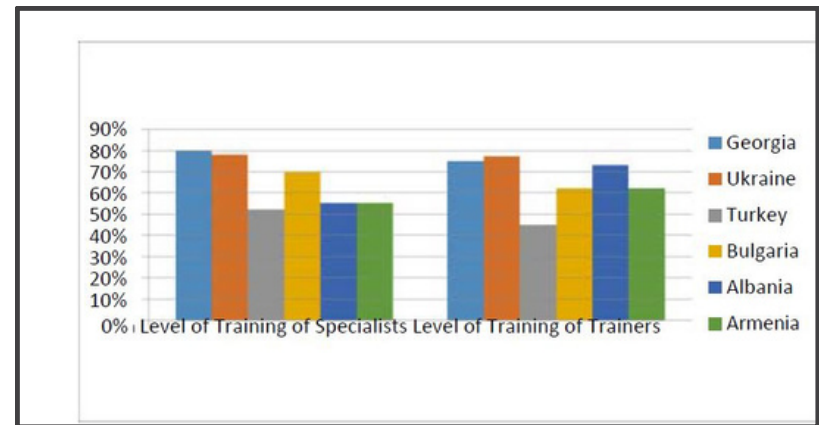
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Key Findings:

- Skill Gaps: Shortage of trained specialists in renewable energy system installation.
- Training Needs: Outdated curricula and inconsistent certification standards.
- Essential Skills: Strong technical expertise, digital proficiency, and client communication abilities.

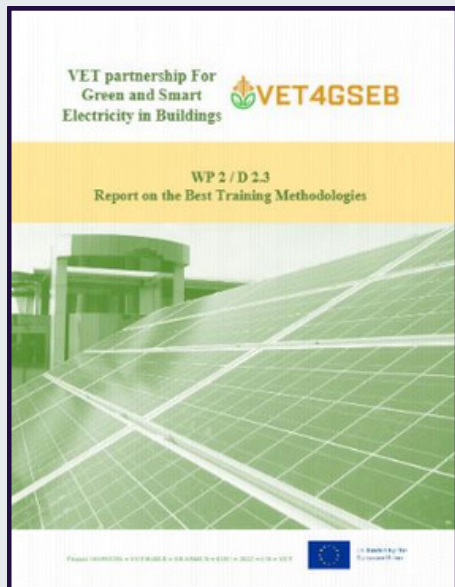
We conducted a survey across six countries, and explored the needs of companies and professionals in the renewable energy sector, focusing on electricians and installers of PV and geothermal systems in buildings.



Level of Competences of Specialists & Trainers

RESULTS OF THE PROJECT

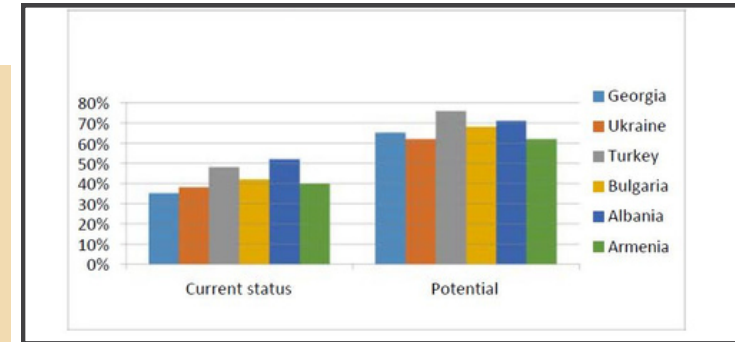
2. Our team has prepared an extensive report on the **Best Training Methodologies** to equip professionals with the necessary skills.



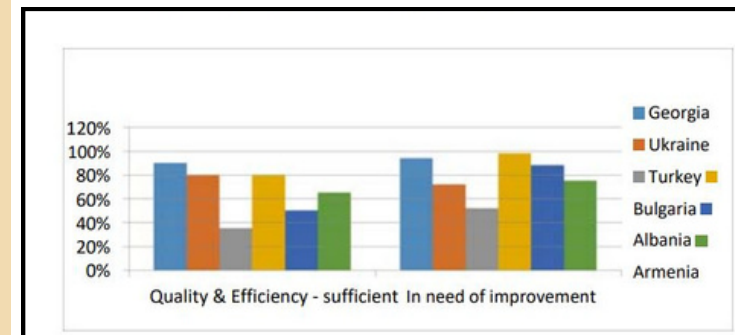
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3. Data Collection on **Innovative Technical Solutions** for the implementation of smart electrical installations and PV systems in buildings.
 4. A Report on **New Solutions for PV Applications** is developed.



Use of Smart Electricity Systems in Buildings



Quality & Efficiency of PV Systems in the Partner Countries

RESULTS OF THE PROJECT

5. Equipped professionals with the **necessary skills** for "smart" renewable energy applications and systems in buildings.



6. Provided **training** that combines **technical knowledge** of smart buildings and renewable energy systems.

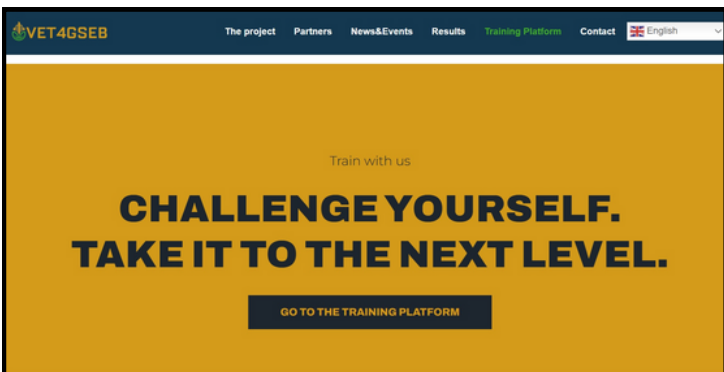


8. Ensured VET providers are prepared to meet the **growing demand** for well-rounded professionals in the sector.

7. Focused on developing essential **soft skills**, **interpersonal abilities**, and **entrepreneurial competencies**.



CREATION OF TRAINING MODULES AND LAUNCHING AN ONLINE COURSE



We successfully launched an informative, self-paced online course for VET providers in the RES field on our websites. Interested stakeholders enrolled, completed the course at their convenience, and received certification upon passing the tests.



ROUND TABLE IN EACH PARTNER COUNTRY - The VET4GSEB project organized round tables held across all partner countries. These events brought together experts, VET providers, and industry stakeholders to discuss skills needs in green and smart energy for buildings. The insights gathered helped shape the project's training materials, ensuring they address real market demands and support vocational education advancements.



International Train The Trainers:

The final pilot training of the VET4GSEB project took place in Bursa, Turkey, on June 25-26, 2024. The training used innovative methods and digital tools to equip participants with essential skills for the green energy sector, promoting a sustainable future.



Partners Meeting in Bursa, Turkey:

On June 27th, 2024, all consortium partners gathered in Bursa, Turkey, to discuss the project's sustainability and potential enhancements.

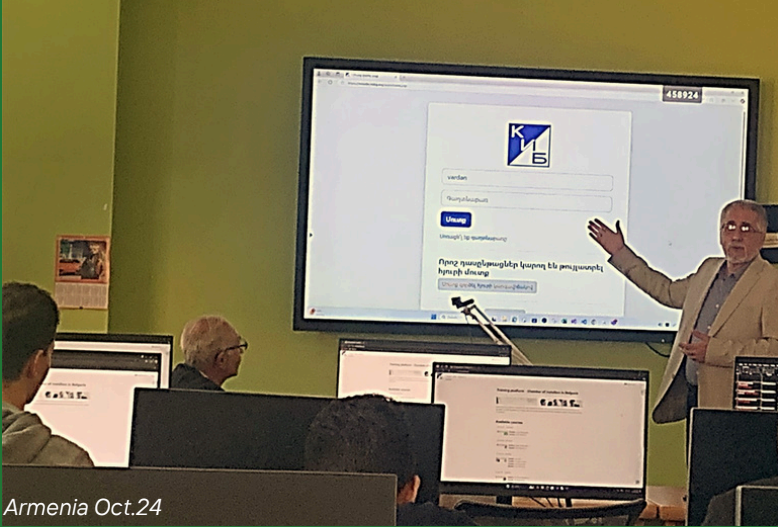




Tirana, Albania Oct.24



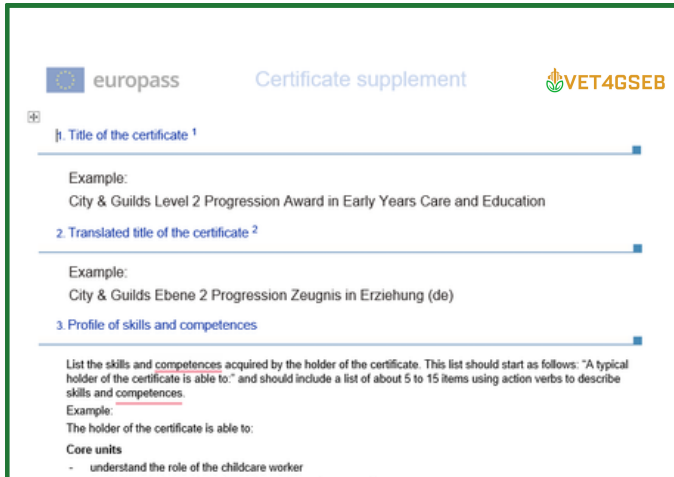
Kyiv, Ukraine Oct.24



Armenia Oct.24

NATIONAL TRAIN THE TRAINERS

National Train the Trainers event in each partner country were organized based on the modules of the Online Course. During these live sessions, participants—including **VET trainers, local businesses, NGOs, and universities**—were provided with customized solutions, training materials, tools, and guidelines to enhance and update their **training programs and practices**. Participants who completed all modules and quizzes, had the opportunity to earn the prestigious Europass Certificate Supplement, showcasing their achievements and commitment to advancing skills in this vital field.



Turkey Oct.24

bir çok AB projesi yürütmüş ve yürütmektedir;

ME

temel odak noktası, enerji yönetimi alanında tüm erişim sağlayacak bir çevrimiçi öğrenme yönetim platformu geliştirmek ve uygulamaktır.



Covering **nine training sessions in six countries**, the program followed a **blended learning** approach combining online modules and face-to-face sessions. Feedback from participants highlighted high satisfaction levels, with suggestions for including more visual content. A total of **192 trainers** completed the courses, far surpassing the target of 88.



Tbilisi, Georgia Oct.24



ORGANIZATION OF FINAL CONFERENCES

Final Conferences for the VET4GSEB project were successfully organized, highlighting our key activities and achievements. These events showcased how VET4GSEB supported VET providers in Bulgaria, Albania, Armenia, Turkey, Georgia, and Ukraine with tailored training solutions in the construction and renewable energy sectors, focusing on the project's long-term impact and sustainability.



*Tirana, Albania
November 2024*



Read the article here



*Sofia, Bulgaria
November 2024*



Read the article here



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Contact and information at www.vet4gseb.eu

VET4GSEB Partners:

The Project is realized by a consortium of 8 partners from: Bulgaria, Albania, Armenia, Georgia, Turkey, and Ukraine

Sofia Energy Centre, coordinator

