



PUBLIC THEMATIC VOCATIONAL TRAINING INSTITUTE of AIGALEO participates in the SECOVE project for the creation of a network of European Centers of Vocational Excellence under the auspices of the European Union.

The SECOVE **project** aims to create a platform for cooperation with **Centres of Vocational Excellence (CoVEs)** across Europe, in the field of **Renewable and Sustainable Energy**. It is locally based, in one center (COVE) in each partner country. The main objective of the platform is to promote and adopt innovative and quality lifelong learning opportunities, oriented towards the development of skills and competences and the acquisition of qualifications, including the promotion of mobility opportunities. The project adopts and supports a **holistic approach** to promote creativity, inclusion, and entrepreneurial mindset.

The **Public Thematic Institute of Vocational Training (D.TH.I.E.K.) of Egaleo** together with other national and European partners, participates in the SECOVE project as an equal member, having gained experience through the training of pioneering cutting-edge specialties, which play a leading role in the fourth industrial revolution, such as **the Automation Technician and the Renewable Energy Sources Technician**.

Graduates of these specialties have already been absorbed in very large percentages in their specialty, in industries, companies installing Renewable Energy Sources materials and in Consulting Companies in the field of RES.



The SECOVE (Sustainable Energy Centers of Vocational Excellence) project aims to create a network of cooperation between Centers of Vocational Excellence (CoVEs) **in the field of clean and sustainable energy**. CoVEs will be established **in 5 European countries** (Greece, Spain, Italy, Slovakia and Portugal) and will cooperate transnationally with each other through common structured forms of dialogue and communication in order to ensure a common, European approach between countries.

Other activities include:

Production of educational materials that will bring VET closer to the current needs of the sustainable energy labor market, cultivating synergies between industry representatives and VET institutions, promoting an inclusive and attractive approach of VET towards women and integrating a culture of quality and innovation in VET (Vocational Education and Training).

Participating in the SECOVE project are from Greece, apart from the Public Thematic Institute of Vocational Training (D.TH.I.E.K.) of Egaleo, the University of West Attica, the IIEK Delta, the Center for Renewable Energy Sources (K.A.P.E.), the Piraeus Chamber of Crafts, and the private company IDEC. Universities and companies from countries such as Spain, Portugal, Slovakia, and Italy also participate.



Who benefits:

- Students and Vocational Training Institutions
- Companies in the field of sustainable energy
- Women from different educational levels and sectors
- Policy makers at local, national, and European level, etc.

Activities:

- 28 local and transnational workshops
- Networking events with stakeholders (total 590 participants)
- Mobilities (45 VET students as beneficiaries)
- 9 VET summer academies for girls in post-secondary education (180 girls expected to participate)
- 4 capacity-building events (training of 89 people by partner organizations)
- 3 transnational conferences (for a total of 210 participants).

The vision and objectives of the SECOVE project:

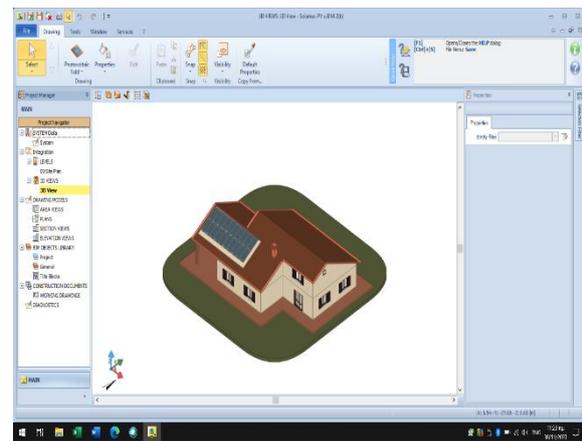
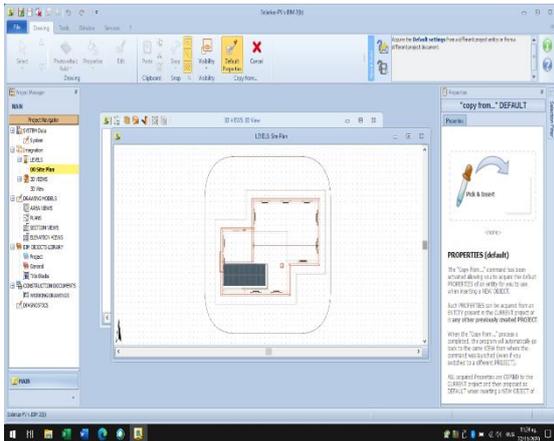
- Create and promote **inclusive student-centered Centers of Vocational Excellence**, bringing holistic approaches to individuals, providing labor market-based qualifications in the field of sustainable energy.
- **Ensure the sustainability of the SECOVE platform** by engaging stakeholders, aligning with Smart Specialization Strategies and ensuring governance and funding.
- **Creation of innovation hubs**, support of work-based learning and interconnection of the labor market with Vocational Training Centers (CEDEFOP, Programming Document 2021-2023). Create internationalization strategies and quality transnational apprenticeships at EQF levels 3-5 using Erasmus+ or other relevant grants.
- Attracting **more women to technical professions**, especially for lower levels of vocational qualifications, level 3-5, but also for higher levels of EQF (A Union of Equality: Gender Equality Strategy 2020-2025 by the European Commission).
- Development of new work-based learning programs in line with ECVET principles, addressing the major challenges of sustainable development. **The New Green Pact and the European Skills Program** for sustainable competitiveness, social fairness, and resilience (adopted July 2020) are promoted by the European Commission at strategic level. Organization of transnational certification and recognition.
- Promoting **creativity, innovation, and entrepreneurship** at all levels of education and training, in line with regional smart specialization strategies through cooperation between education, industry, local networks and business incubators.
- Establish a **quality culture** in vocational training that goes beyond mere compliance, with standards and regulations addressing common values of excellence, inclusion and sustainability (EFQEA: Cedefop analysis and main findings, 2021) and support vocational training providers to adopt European and international quality standards.

The D.T.IEK Egaleo and the SECOVE project

Sustainable Energy and its diverse applications, such as energy efficiency of the building stock, renewable energy systems and intelligent energy systems, are of great importance for vocational education and training centers.



The laboratories of Municipal Theatre of Egaleo are equipped with a large number of materials of the specialty of Renewable Energy Sources, such as photovoltaic panels, polycrystalline and monocrystalline, inverters, DC and AC panel connection materials, electric car chargers, as well as with modern Software (eg solarius, windfarm, etc.) for the



realization of studies of Renewable Energy Sources projects.



Our laboratories provide innovative education and training services of high quality and laboratory exercises are carried out in order to adapt them to industrial production and the daily work of Renewable Energy Sources Installations (such as Photovoltaic Panels).

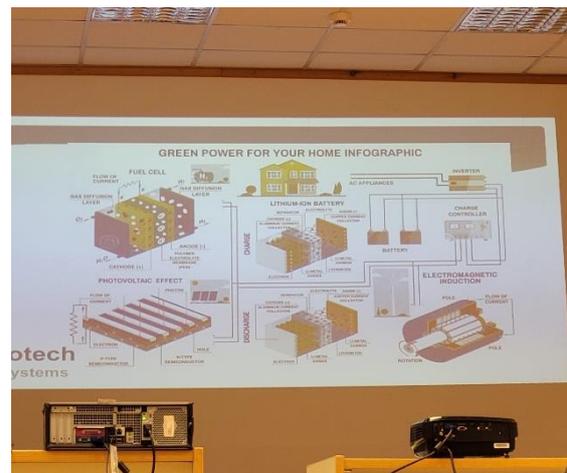
As DPUBLIC THEMATIC VOCATIONAL TRAINING INSTITUTE Egaleo cooperates with many industries,

technical work offices and RES energy control centers, it is always close to the labor market and for this reason, a large part of laboratory exercises are field exercises aiming at the best possible preparation of students for their professional rehabilitation. At the same time, we encourage students to participate in extroversion programs and exchange of views such as the European ones.





Finally, at the Public Thematic Vocational Training Institute of Egaleo, workshops are organized with participants from industries and energy companies that are pioneers in their field and with renowned professors and technicians in the field of Installations of Renewable Energy Sources Projects in the labor market with the aim of exchanging views, promoting innovative work and informing the market and our students.



PUBLIC THEMATIC VOCATIONAL TRAINING INSTITUTE Egaleo is committed to continue innovating, providing high quality education services, and training students aiming high and participating in extroversion and exchange of views programs.

Innovative Education in the Specialties of the Future, for a Cleaner Tomorrow.

The SECOVE project – **Centers of Professional Excellence for Sustainable Energy** (Project Number 101056201) has been co-funded by the ERASMUS+ Program of the European Union.