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هذا المشروع تم تمويله من قبل الاتحاد الأوروبي

iMEP
İstihdam için Mesleki Eğitim Programı

VET4JOB
Vocational Training Programme for Employment

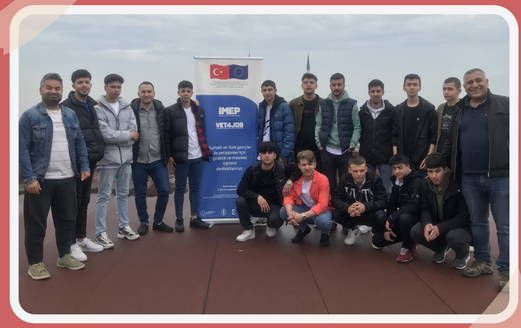
BURSA

Population: 3.194.720
Altitude: 155 m

Project Details

School Name: Sehit Jandarma Komando Er Bahri Avci Vocational Training Centre

Project Name: Ecological Balance with Renewable Energy



Purpose

In our project, where we focus on the ways to provide environmentally friendly, clean and quality energy by taking inspiration from nature, we aimed to use solar energy to obtain electrical energy. Thus, we focused on creating added value by taking on a role together for ecological and economic sustainability.

Target audience

The target audience of our project consists of apprentice students, teachers and institution administrators in our school, teachers and students in the schools we cooperate with, and all the beings around us affected by energy use.

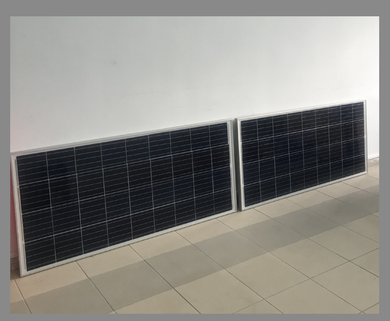
39 apprentice students,
14 teachers, **1** school employee and
2 masters worked for the project;

- **459** kilowatts consumption of fossil fuel-based electricity was prevented,
- **1.020** TRY was saved.

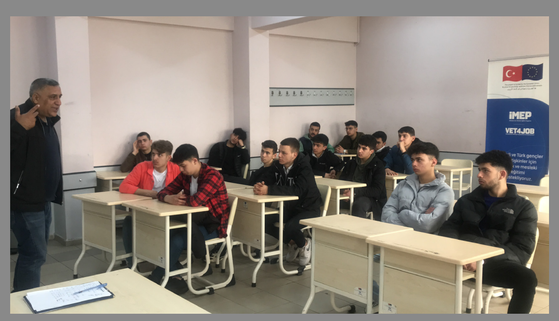
Collaborations

- Yesil Yayla Vocational and Technical Anatolian High School — **1 Person**
- Bursa Anatolian Vocational High School for Girls — **1 Person**
- Automotive Industry Exporters' Association Vocational and Technical Anatolian High School — **1 Persons**

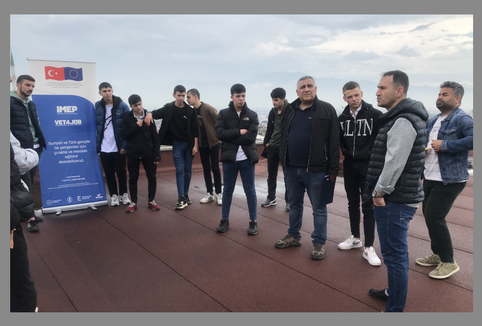
We researched schools that carry out similar studies on the use of solar energy. In this context, we contacted three schools in our province, and workplaces that use solar energy by converting it into electrical energy.



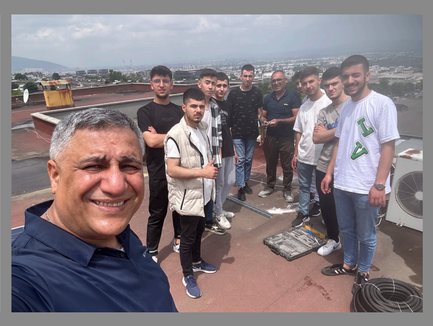
In our school, we organized awareness meetings addressing renewable energy issues. During these meetings, we supported the blending of the use of solar energy in electricity generation with the occupational knowledge of our students.



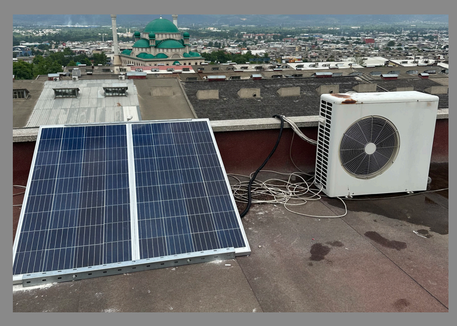
As a team, we determined the area where we will place solar panels on the roof of our school building.



After procuring the necessary materials for our project, we talked about the content of our project to the masters who supported us in the installation processes, and created a common ground for our students to benefit from their experience.

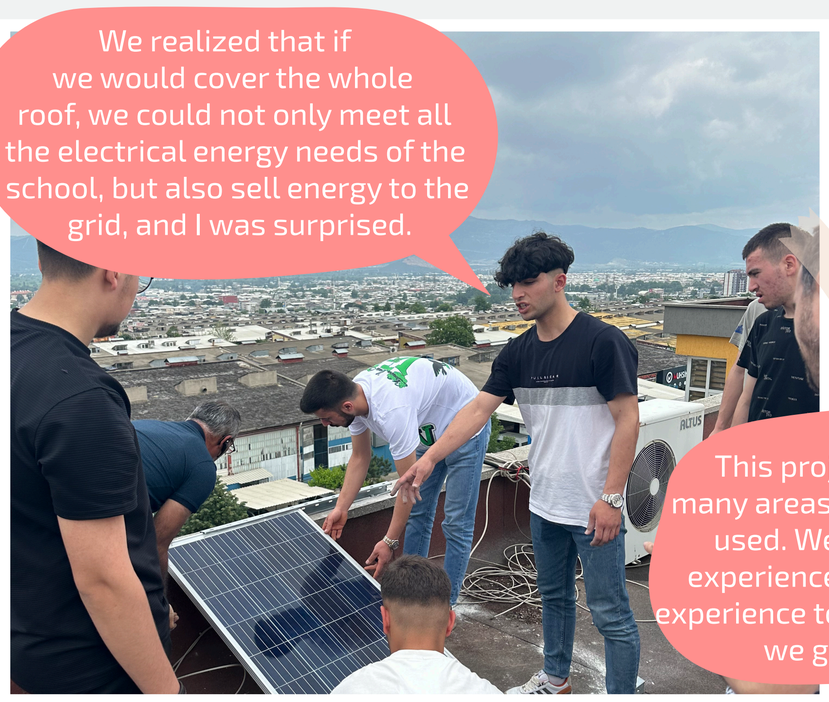


We placed the solar panels on the roof of our school. With this sustainable system, we have started to meet the electrical energy demand of various devices such as computers, mobile phones and mini refrigerators from solar energy. We strengthened our solidarity muscles for the use of renewable energy.

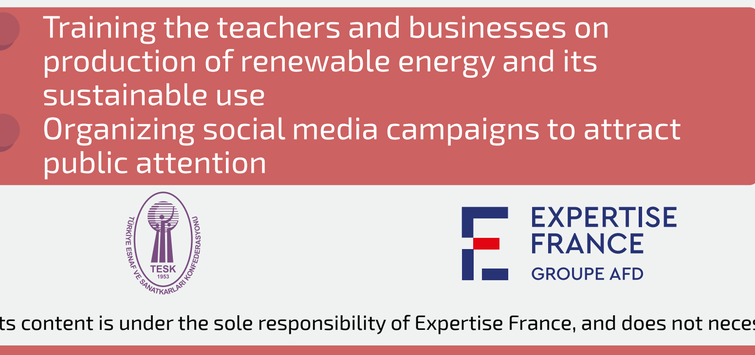


What do beneficiaries and practitioners think about the project?

We realized that if we would cover the whole roof, we could not only meet all the electrical energy needs of the school, but also sell energy to the grid, and I was surprised.

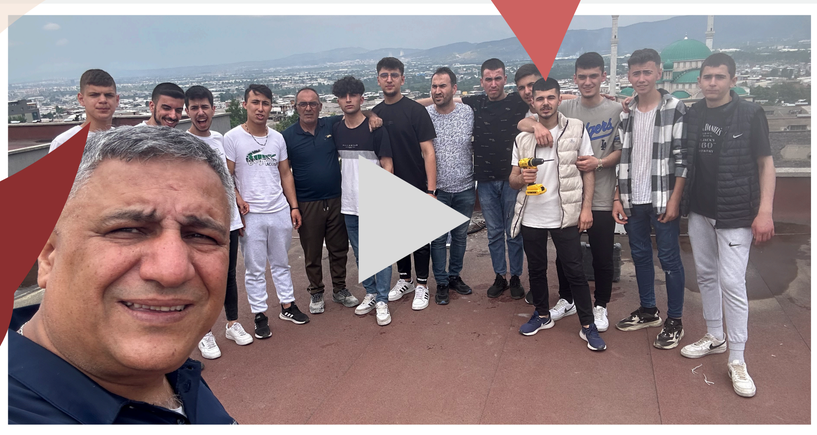


This project brought to our mind many areas where solar energy can be used. We have gained important experience. We plan to transfer this experience to our own workplaces when we graduate from school.



It had never occurred to me that one could draw inspiration from nature to produce electrical energy.

As we received positive comments about our project, we embraced our project more and implemented it successfully.



Recommendations for implementing and improving the project

- Treating production of renewable energy and its sustainable use in apprenticeship training
- Establishment of energy volunteer teams in schools
- Training the teachers and businesses on production of renewable energy and its sustainable use
- Organizing social media campaigns to attract public attention
- Providing vocational education institutions with a pioneering role in renewable energy installation
- Providing budget for the installation of renewable energy in schools

T.C. MİLLÎ EĞİTİM BAKANLIĞI

TESK 1952 TÜRKİYE ESNAF VE SANATKARLARI KONFEDERASYONU

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