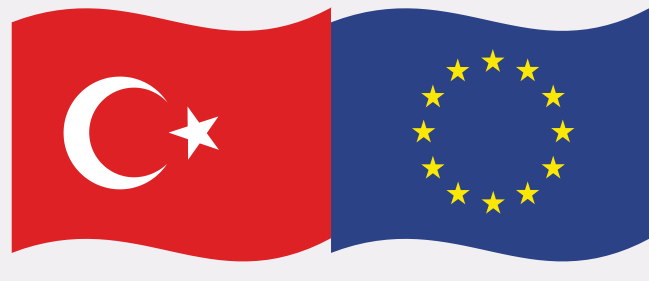


MERSİN

Population: 1.727.255
Altitude: 5 m



This project is funded by the European Union.
Bu proje Avrupa Birliği tarafından finanse edilmektedir.
هذا المشروع تم تمويله من قبل الاتحاد الأوروبي

IMEP
İstihdam İçin Mesleki Eğitim Programı

VET4JOB
Vocational Training Programme for Employment



Project Details

School Name: Akdeniz Vocational Training Centre
Project Name: A Drop of Life

Purpose

We aimed to collect and reuse water from air conditioners to water plants, while also raising awareness about water conservation.

Target Audience

The target group was made up of apprentice students at our school and the school with which we collaborated, the teachers and school administrators, and all the creatures in our environment that are affected by the use of energy and water.

6 apprentice students, **6** teachers and **2** masters worked on the project.



- **1** solar-powered "air conditioner water storage and tree-watering" device was developed,
- Informational activities were conducted with **70** people,
- **720** liters of water was regained for use by plants,
- **32** kilowatts of solar power were produced,
- The release of **13** kg of greenhouse gases into the atmosphere was averted.

Collaborations

Toroslar Mimar Sinan Vocational and Technical Anatolian High School

3 Persons

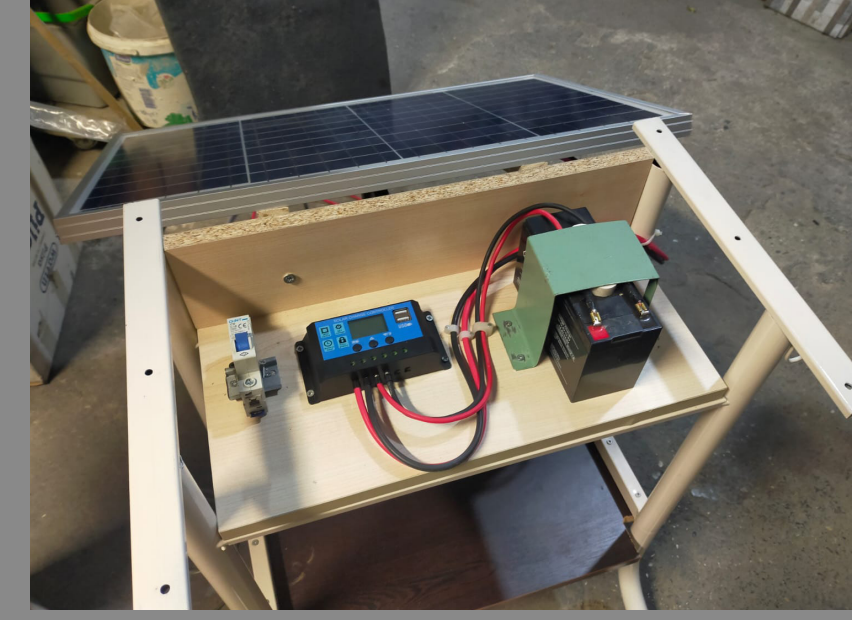
Çiçek Industrial Power Systems

2 Persons

We held meetings to develop ideas for our project. We then contacted a school with experience in the use of solar panels.



We developed the prototype of our solar-powered device for storing air conditioner water and watering trees. Taking the opinions of the masters we worked with, we then carried out work to improve our product.



We tested the device in the school garden and made final arrangements so that it would operate efficiently.



We conducted informational activities within the school about the use of the device. With the topics we covered, we sought to contribute to the students' vocational knowledge.



We set up the device in the school garden. We arranged for the plants around the school to be watered utilizing the sustainable system which we established. In this way, we became a "drop of life" for the plants in our school garden.



What do beneficiaries and practitioners think about the project?

We realised that if we produce a few more of these devices that we have produced, we will be able to use wastewater from air conditioners to water all the trees in the school garden.

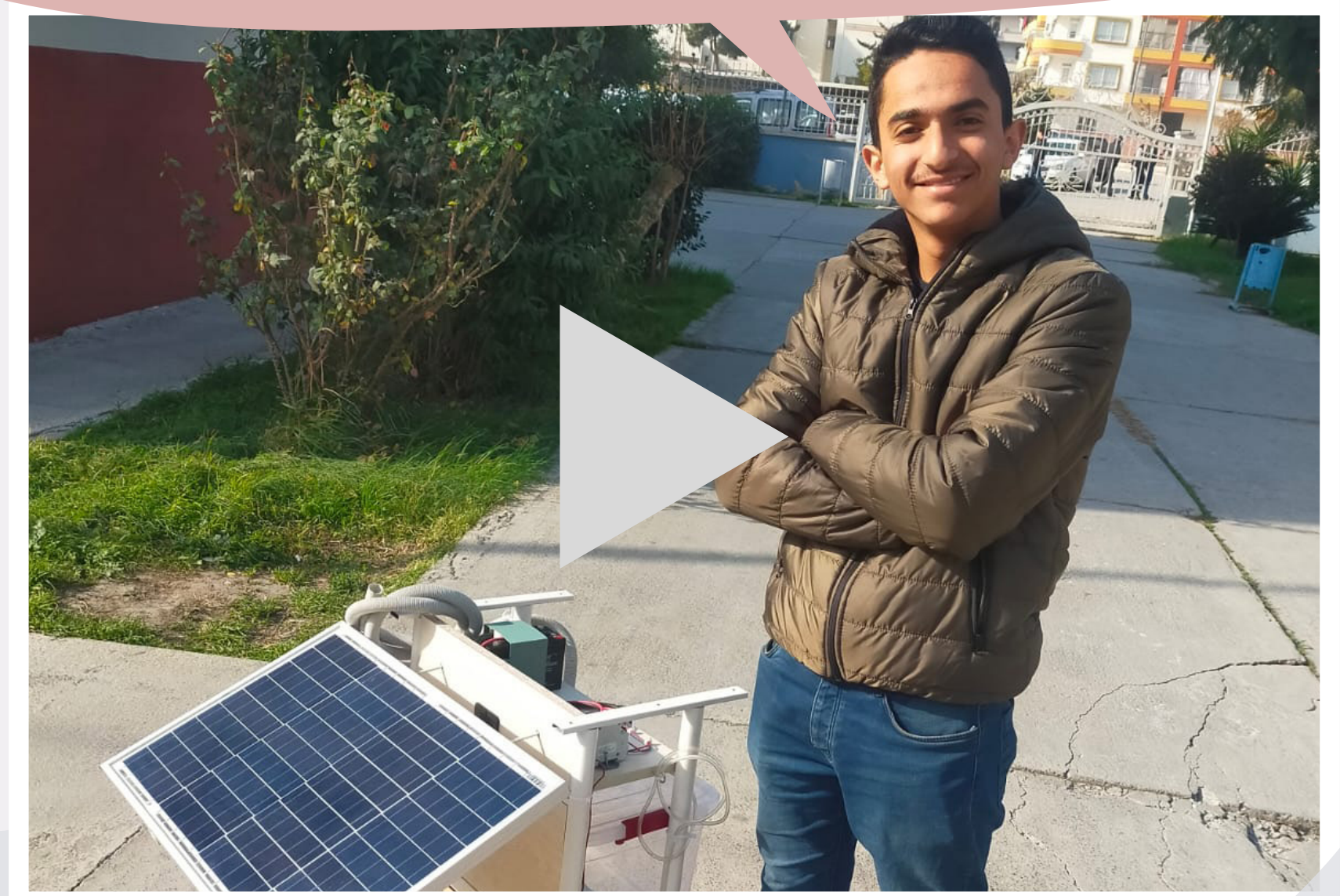


This project was a great experience for us. It was also very useful for the profession which we are learning.

We are proud of having developed a technological system using green energy to water the trees.



The positive comments we received on the prototype of our device made us embrace the project even more. In the end, we completed it successfully, so we are very happy.



Recommendations for implementing and improving the project

- Making efforts for the use of solar power in all public buildings
- Establishing teams of green energy volunteers in schools

- Revising all apprenticeship training by "green skills"
- Providing schools with budgets for the design of new products

- Organising social media campaigns to draw the attention of the public to green energy
- Conferring a leadership role for green energy on vocational training institutions