

## DEVELOPING INNOVATIVE VIDEO COMPETENCIES FOR TEACHERS OF THE GREEN INDUSTRY

In the dynamic landscape of education, technological advancements play a pivotal role in transforming traditional teaching methods. In particular, the Green Industry, encompassing fields such as environmental science, horticulture, and sustainable agriculture, can greatly benefit from the integration of innovative video competencies for educators. This project explores the importance of developing such skills and how they can enhance the learning experience.

The Green Industry is continuously evolving, with new research findings, technologies, and practices emerging regularly. To keep pace with these changes, educators must adopt innovative teaching methods to provide students with relevant and up-to-date knowledge. Videos offer a versatile and engaging approach to deliver content, making complex concepts more accessible to students.

Some of the advantages of video teaching are for example the possibility for visual learning, real-world applications, accessibility, and enhanced communication.

Developing innovative video competencies for teachers is a crucial step toward modernizing education and preparing students for the challenges of the future. By embracing visual learning, real-world applications, and effective communication, educators can create a dynamic and engaging learning environment. Through collaborative efforts and a commitment to technological integration, the education system can play an important role in shaping the next generation of environmentally conscious professionals.

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## Activities / News

Project partners have held their own individual Multiplier Events locally throughout June and July 2024.

The participants of these events were aimed to be representatives of VET schools, teachers and educators of other schools and levels that have interest incorporating video education in their work and professionals from green industry especially involved in training programs.

Some partners organized the ME specifically to present the project, while others incorporated the presentation of the project activities in other events such as fairs or conferences.

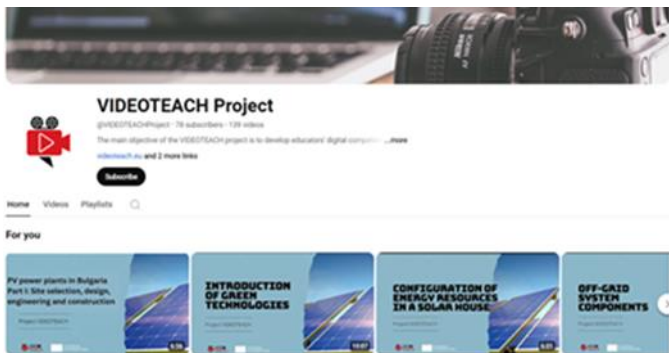
The aim of ME was to present all four VideoTeach project results and engage participants into interactive workshops by using tools and videos created as a result of the partners' work on the project.

# Project Results

What has been achieved recently?

## THE VIDEO TEACHING CONTENT FOR GREEN INDUSTRY IS COMPLETED

THE VIDEO TEACHING CONTENT FOR GREEN INDUSTRY is available on [YouTube](#) and the projects' database platform. The main objective of this Result is to create and share pedagogical content on topics connected to the green industry. Contents are developed in 5 different modules: Introduction to Green Energy, Thermal Energy, PV in general, PV On-grid, PV off-grid.



It was important to adhere to the structure defined in PR1, another important effect is the use of the video as a 'narration tool' (video-based digital 'storytelling') and the training by- observation of the full group of teachers involved in the video recording.

The perpetual storage of industry knowledge is a very innovative added value, which mixes the video recording, the workers testimonies and the digital technology, to produce the storage of the workers' voice into data mine, which can be searched for reference to specific machines, tools, maintenance processes, etc. This results in a perpetual database of workers' experience, easy to exploit by teachers, companies and students, which allow to recover knowledge from workers that otherwise will be lost.

Visit the Videodatabase platform at the following link: <https://videodatabase.eu/>, select your preferred language, follow entirely materials or select specific topics of interest. Enjoy!

## END OF THE PROJECT

The **VIDEOTEACH PROJECT** will end on 31<sup>st</sup> July.

## PROJECT PARTNERS



More information and publications: <https://videoteach.eu>