TEMPLATE FOR THE GOOD PRACTICE

What is a good practice?

A good practice is not only a practice that is good, but a practice that has been proven to work well and produce good results, and is therefore recommended as a model. It is a successful experience, which has been tested and validated, in the broad sense, which has been repeated and deserves to be shared so that a greater number of people can adopt it.

Please follow the instructions included to fill in the template. You can replace the guiding questions for each element with your description.

Mandatory fields are defined by *

Element	Description
Title*	*Implementation of Dual Education in Electrical Installations and Solar Photovoltaic Systems*
Name of the VET Provider	*VET Higher Secondary School "Gjin Gazulli", Prishtina, Kosovo*
Thematic domain	What is the thematic domain covered by this good practice? More than one domain can be indicated • Innovation • Digital • Green • Inclusion • Career guidance • Creating partnerships/skills ecosystems
Introduction*	*In 2023, the school faced a need to increase practical skills and employability of students in electrical and solar energy fields. The Dual Education system was introduced to address this challenge.*
Stakeholders and Partners	***Beneficiaries / Target Group:*** *Students enrolled in dual education programs, teachers receiving professional training, and administrative staff developing the school's capacity.* ***Users of the Good Practice:*** *Students participating in practical training at companies, teachers implementing the dual curriculum, and company mentors supervising students.* ***Institutions, Partners, Implementing Agencies, and Donors:*** • ***LuxDev*** *– provided technological equipment and funded teacher study visits. **LuxDev** – provided training for teachers and developed the dual*

education curricula in cooperation with the Ministry of Education (MASHT) and companies in Kosovo.

- **USAID** – *provided technological equipment.*
- **Caritas Switzerland** – *funded solar panels for the school's Eco Club.*
- **Local companies (e.g., KEDS, Cacttus Education, ISP Broadcast)** – *offered professional internships and mentorship.*
- **The School** – *implemented and coordinated the Dual Education system.*

Impact*	*The implementation of the Dual Education system at VET Higher Secondary School "Gjin Gazulli" has had a significant positive impact on students, teachers, and the local community. **Impact on students:** The students increasing their employability. Students in dual programs gained real work experience, and many were hired by partner companies after completing their internships. Participation in clubs, competitions, and innovation projects (e.g., the "Aplikacioni 112" hackathon, Eco Club solar panel project, Lightchaser 2.0 project is a system of solar panels equipped with a movable mechanism and light-sensitive sensors. The panels continuously monitor the sun's position and adjust their angle to maximize sunlight capture throughout the day.) has strengthened practical skills, creativity, and teamwork. **Impact on teachers:** Teachers have received professional training, enhancing their capacity to deliver dual education effectively. They are better prepared to guide students in practical skills and collaborate with industry partners. **Social impact:** The Dual Education system increased promoted social skills, responsibility, and teamwork among students.* *Economic and environmental impact: Partner companies benefit from skilled trainees, improving local business productivity and employability. Green initiatives, such as solar panels installed by the Eco Club, promote environmental awareness and sustainable energy use.* *Evidence of impact: Certificates obtained by students, successful internships and employment after training, projects like the "Aplikacioni 112" and Eco Club initiatives, and participation in national and international competitions, including the European Cybersecurity Championship, demonstrate tangible outcomes of this good practice.*
Innovation and Success Factors*	*The Dual Education system at VET Higher Secondary School "Gjin Gazulli" has introduced innovative practices by combining theoretical learning at school with practical training in partner companies. This approach ensures that students acquire both technical knowledge and real-world skills aligned with labor market needs.* *Key success factors include:* - **Collaboration with industry partners:** *Strong cooperation with local companies provides students with real work environments and mentorship.*

- **Professional training for teachers:** Training programs designed by LuxDev enhance teachers' capacity to deliver dual education effectively.

- **Harmonized curriculum:** The dual education curriculum is co-developed with companies and the Ministry of Education, ensuring that learning outcomes match market demands.

- **Student engagement in innovation projects:** Participation in hackathons, Eco Club projects, technology competitions, and the **Lightchase 2.0 project** fosters creativity, problem-solving skills, and teamwork.

- **Supportive institutional framework:** The school administration provides coordination, resources, and continuous monitoring to ensure quality implementation.

Constraints*	During the implementation of the Dual Education system, the school faced several challenges:
	Coordination between school and companies: Aligning school schedules with company working hours and mentoring required careful planning and continuous communication.
	One of the main challenges in implementing the Dual Education system is that some companies are reluctant to sign cooperation agreements to accept students for practical training. Reasons include concerns about resource allocation, supervision responsibilities, or lack of awareness about the benefits of dual education.
	Limited resources: Some specialized equipment and tools needed for practical training were initially limited.
	Teacher adaptation: Teachers needed to adapt to new teaching methods, combining theoretical lessons with practical company-based training.
	Student readiness: Not all students were immediately prepared for the demands of dual training, requiring additional guidance and motivation.
	Monitoring and evaluation: Ensuring consistent supervision of students both at school and at partner companies required additional administrative effort.
	How challenges were addressed:
	Regular coordination meetings with company mentors and school administration.
	Providing government incentives and partial compensation to companies for hosting students.
	Organizing awareness sessions to inform companies about the benefits of dual education for workforce development.
	Continuous dialogue and partnership building between schools and potential industry partners.

	Support from donors and partner companies to provide necessary equipment and resources. *Professional training programs for teachers focused on dual education methods.* *Continuous guidance, mentoring, and monitoring to support students' progress.*
Lessons learned *	*Close collaboration between schools and industry partners is essential for successful dual education. Continuous teacher training and professional development ensures high-quality guidance for students. Harmonized curricula that combine theory and practice improve student learning outcomes and employability. Monitoring and mentoring are critical to ensure that students gain maximum benefit from practical training. Student engagement and motivation play a key role in the success of dual programs.* ***Replicability / Up-scaling:*** *The Dual Education system can be successfully replicated in other schools and vocational programs if the following conditions are met:* • *Strong partnerships with local companies willing to provide practical training and mentorship.* • *Teacher training programs to prepare educators for dual education.* • *Adequate equipment and infrastructure for practical learning.* • *Administrative support for coordination, monitoring, and evaluation.* • *A curriculum harmonized with industry needs and aligned with labor market demands.*
Replicability and/or up-scaling	*The Dual Education system can be successfully replicated in other schools and vocational programs if the following conditions are met: Strong partnerships with local companies willing to provide practical training and mentorship. Government incentives to support companies in hosting students, partially compensating them for their involvement. This encourages more companies to participate and expands the network of available training placements. Teacher training programs to prepare educators for dual education. Adequate equipment and infrastructure for practical learning. Administrative support for coordination, monitoring, and evaluation. A curriculum harmonized with industry needs and aligned with labor market demands.* ***Addressing challenges:*** *Some companies may initially be reluctant to join dual education programs due to resource concerns or supervision responsibilities. These challenges can be mitigated through incentives, awareness campaigns, and continuous dialogue between schools and industry partners.*
Contact details	*For more information on this good practice, please contact:* *VET Higher Secondary School "Gjin Gazulli"* *Address: Str. Shpetim Robaj, 10000, Prishtina, Kosovo*

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URL of the practice	*https://www.facebook.com/gjingazullish.m.l/*
Related resources that have been developed	*Dual Education curriculum and teaching manuals developed in cooperation with LuxDev and MASHT.*
	Training materials for teachers on dual education methodology.
	Guidelines and templates for student contracts and mentorship agreements with companies.
	Documentation of practical training projects, hackathons, and innovation initiatives.
	Promotional materials and presentations on dual education for awareness campaigns.