



STORYTELLING SHOWCASE EVENTS

Learning Journey

Winter School Posters

Magdalena Jureczko (Student)



My story!

Winter School

Leoben, February 2026

ENVH EI

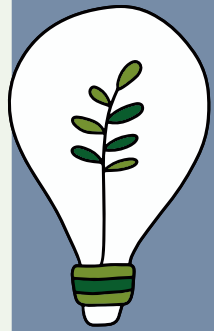
My background

I am a 21-year-old Bachelor form Silesia University of Technology (Poland). I specialise in Automation and Robotics Control in the Department of Automatic Control, Electronics and Computer Science.



Magdalena Jureczko

Problem-Solving and Soft Skills



I designed a dynamo-powered flashlight integrated into the bicycle frame. It converts pedaling energy into electricity, eliminating dead batteries while keeping the light always available without affecting aerodynamics.

We used an online platform and regular video meetings to coordinate our work. During the mobility, specialists gave us feedback, and on-site discussions helped us exchange and refine ideas.

Working with the Spanish team on the bicycle while we developed the flashlight was very rewarding. It showed how different expertise can combine to create one integrated solution and helped us build valuable international connections.

Sustainability Awareness and Green Competences



Environmental sustainability now means designing solutions that minimize waste and use renewable energy sources. Through our dynamo-powered flashlight, I understood that even small engineering decisions can reduce environmental impact in everyday life.



I developed a dynamo-powered flashlight integrated into a bicycle frame. It converts pedaling energy into electricity, eliminating disposable batteries and creating a reliable, low-impact lighting system.

Working in an international and interdisciplinary team showed me that sustainable solutions require cooperation between different fields. Combining mechanical and electrical knowledge helped us create a more complete and responsible design.

Problem-Solving and Soft Skills

-  What **new problem-solving skills** have you developed during the activities?
-  How has your **ability to analyze complex problems** improved?
-  Can you give an **example of an innovative solution** you proposed?
-  What have you **learned about working in interdisciplinary teams**?
-  How has **your role** in group work changed or improved?
-  What **strategies did you use** to share ideas effectively?
-  How did you **handle disagreements or conflicts** within the team?
-  What did you **learn from your teammates'** perspectives or disciplines?
-  How did you take **responsibility within your group project**?

Sustainability Awareness and Green Competences

-  What does **environmental sustainability** mean to you now?
-  How has **your attitude toward sustainability** changed?
-  Do you think **sustainability** should be part of all university curricula? Why?
-  How important are **sustainability competences for your future career**?
-  What **motivates you** to promote sustainability professionally or personally?
-  What **sustainability challenges** can you now identify in **your field**?
-  What **actions can you propose to reduce environmental impacts** in projects?
-  Describe a **sustainable solution** you helped develop.
-  How has **collaboration** influenced your approach to sustainability?