

Project Lutín - Wetzlar

What is going on?

- ▶ This project is called Green outlet, it is a project between our schools in Wetzlar and Lufín and it's sponsored by the European Union.
- ▶ There are 38 people working on this project.
- ▶ They are divided to 4 teams.
- ▶ Teams are separated into this groups: CNC , CAD, workshop (assembly) and documentation.
- ▶ There is also one video-documentation group.

What is the Green Outlet?

- ▶ The main task of this project is to find a way how to use wind energy.
- ▶ The wind blows to a wind turbine which fuses the generator.
- ▶ That's the way to get energy from renewable sources.

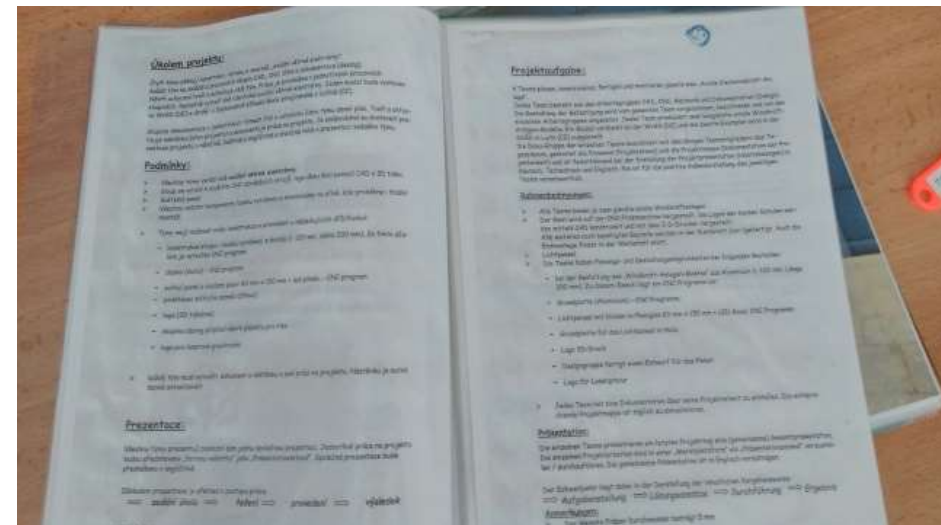


Tasks of this project:

- ▶ 1. Create a design of a project – pillars, base desks, holding plates, scoop coating.
- ▶ 2. Create technical documentation.
- ▶ 3. Create program for CNC machines.
- ▶ 4. Prepare base for wind turbine.

Planning

- ▶ The first task was to create design for parts of their project.
- ▶ This was a task for a whole team.
- ▶ Designs were finished the next day and work of CAD group could begin.

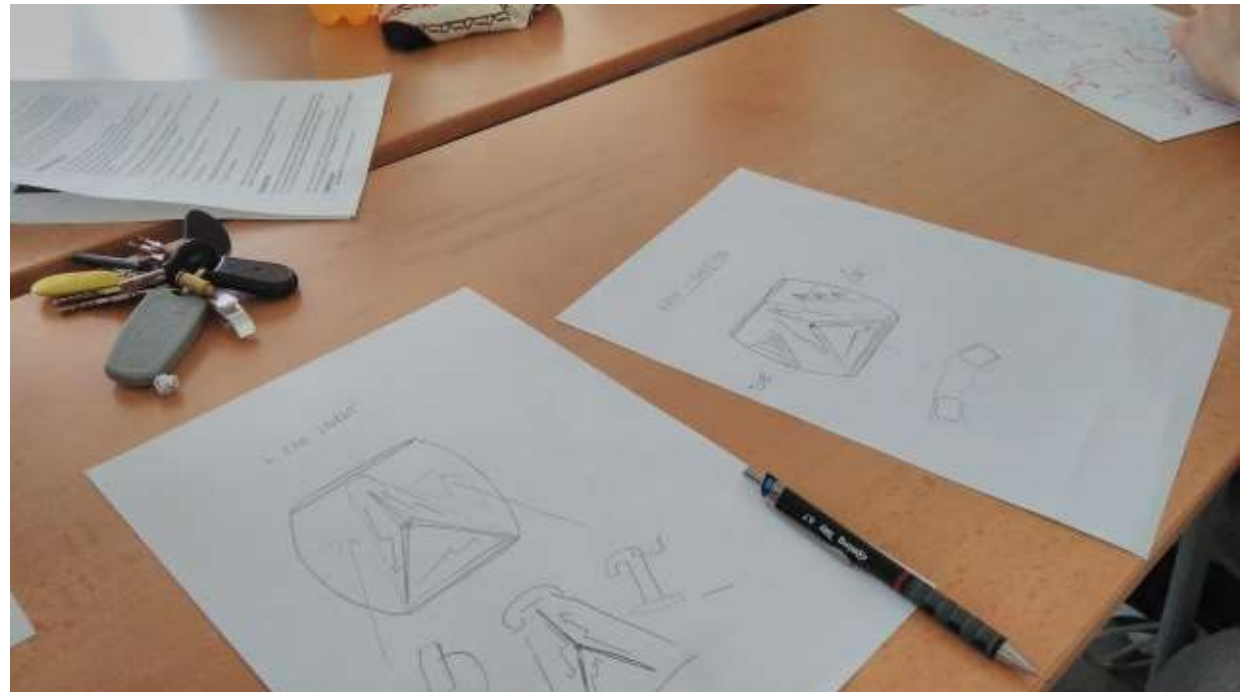


Planning - photos

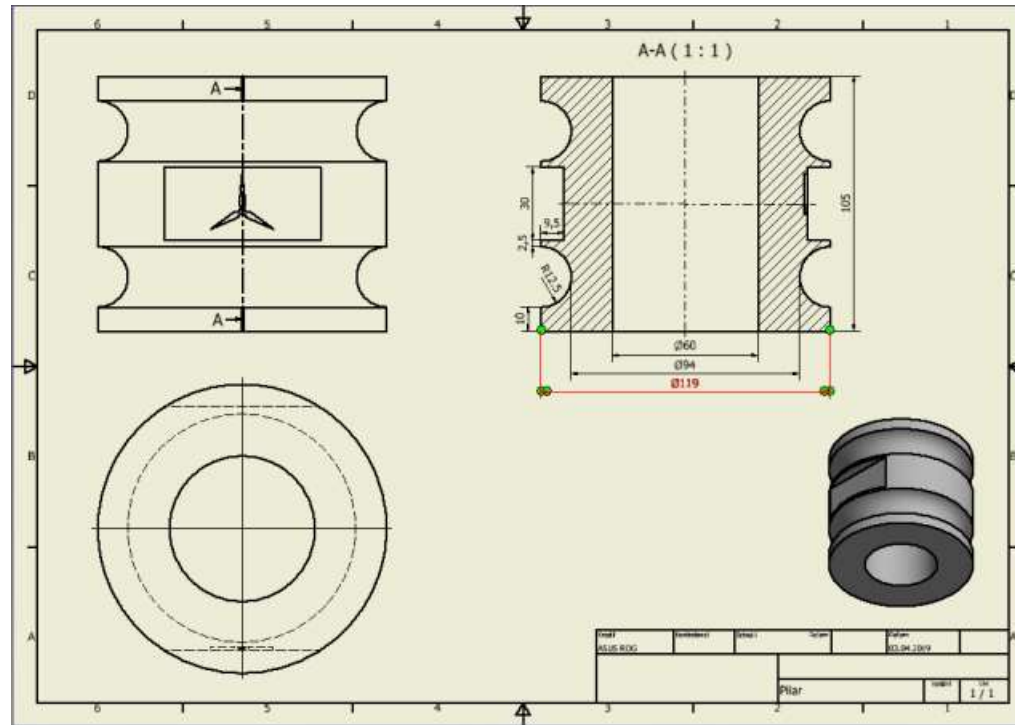
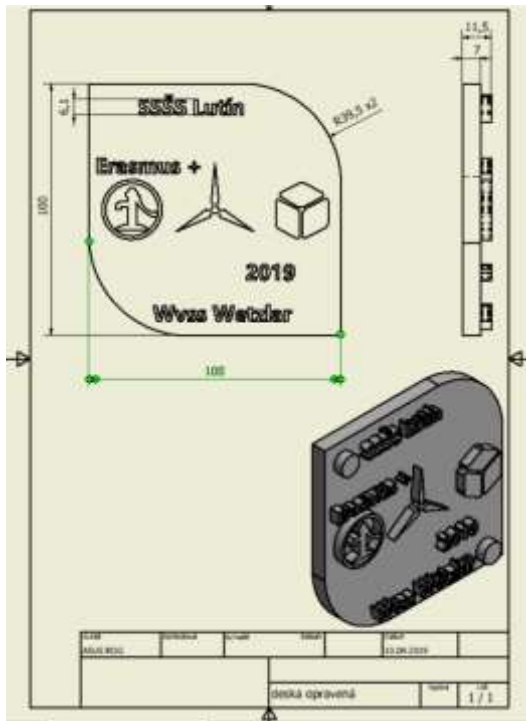


OUR VISIONS ON PAPER

- ▶ The next step was to create a technical documentation.
- ▶ CAD groups took designs of their teams and started working on the technical documentation.



FINISHED MODELS

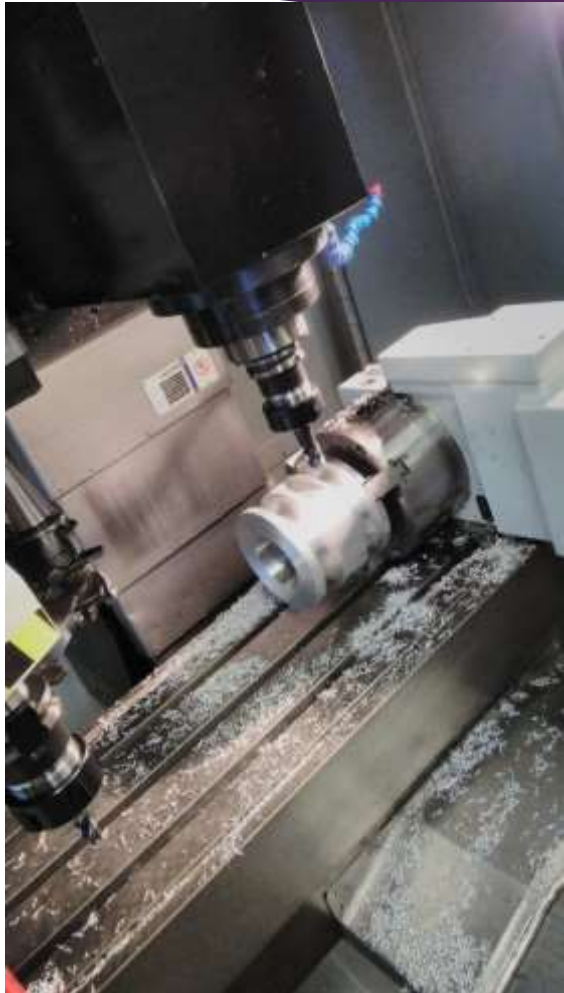


PROGRAMING

- ▶ With technical documentation in hands, CNC groups began programming.
- ▶ They had to create two programs – for the pillar and for the desk with flags and logos.



CRAFTING

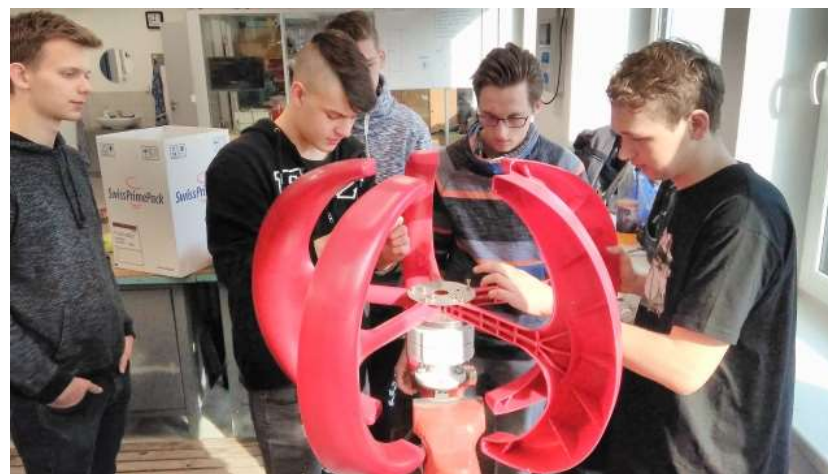


MEANWHILE ON WORKSHOP

- ▶ Meanwhile the workshop groups were working on the base for the wind turbine and on the box for electronics.

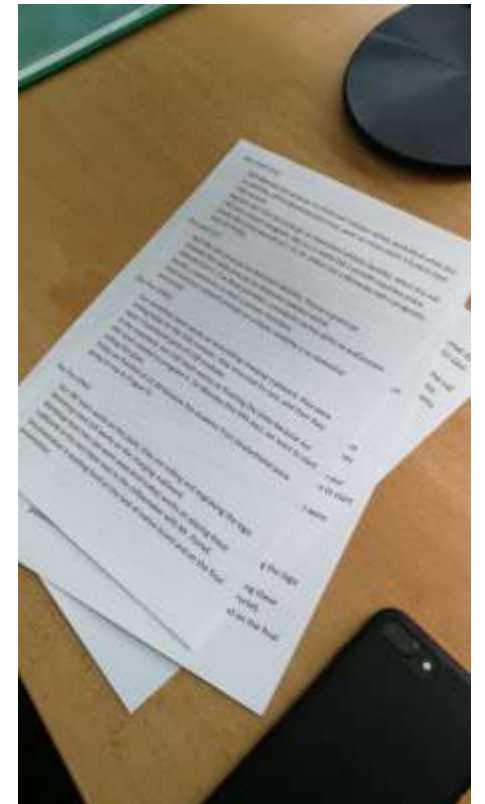


PHOTOS FROM WORKSHOP



DOCUMENTATION

- ▶ Throughout the project the documentation groups observed our work and documented it with photos and texts.
- ▶ Meanwhile the video-documentation group worked on the video.



OUR MASTERPIECES



THANKS TO EUROPEAN UNION

- ▶ The European Commission support for the production of this publication does not constitute an endorsement of the contents which reflects the views only of the authors, and the Commission cannot be held responsible for any use which may be made of the information contained there in.



ERASMUS +

SPECIAL THANKS TO...

- ▶ Our teachers for helping us with the project and also Antonín Kenický, PC administrator from Luťín school for helping us with everything.
- ▶ To Luťín school for inviting us.
- ▶ And everyone who was working on this project.

And that's all

- ▶ Thank you for your attention!

