PROJECT LUTÍN - WETZLAR

WHAT IS GOING ON?

- This project, called Green outlet , is project between ours schools in Lutín and Wetzlar, sponsored by European Union

- There are 33 students working on this project

- They are divided to the two teams

- Teams are build from five groups : - CAD group, CNC group, Montage group,workshop group and documentation group

  - There is also one video-documentation group

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WHAT IS THE GREEN OUTLET?

- The main task of this project is to find a way how to use ,,clean´´ energy

- In this case the source of the energy is wind

- The wind blows to a wind turbine that fuses the generator

- And this is the way how to get ,,clean´´ energy

TEAMS – TEAM 1

- Tadeáš Kadlec
- Radim Baďura
- Zdeněk Znojil
- František Kneip
- Jiří Koudelík

- Max Müller
- Tim Keiner
- Vincent Grell
- Basti Becker
- Finn Meuser
- Lennart Hütte
- Fabien Balcer
- Tom Lenz
- Jannik Müller
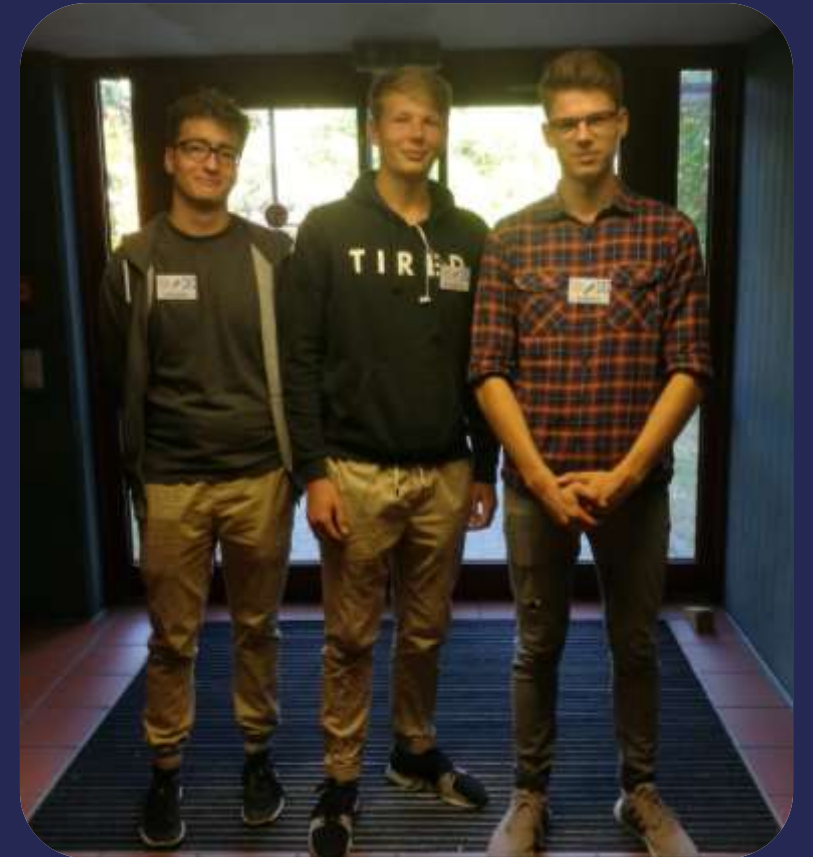- Hemann Kien

TEAMS – TEAM 2

- Miloslav Janeček
- Vojtěch Kuchař
- Jakub Vymlátil
- Marek Hlavička
- Matyáš Blažek

- Aaron Havekost
- Vincent Ruscheinski
- Kira Turskies
- Martin Hammann
- Nico Stahl
- Nico Weber
- Paul Kropeit
- Jonas Lauer
- Chris Botthof
- Patrick Busch

CAD GROUPS

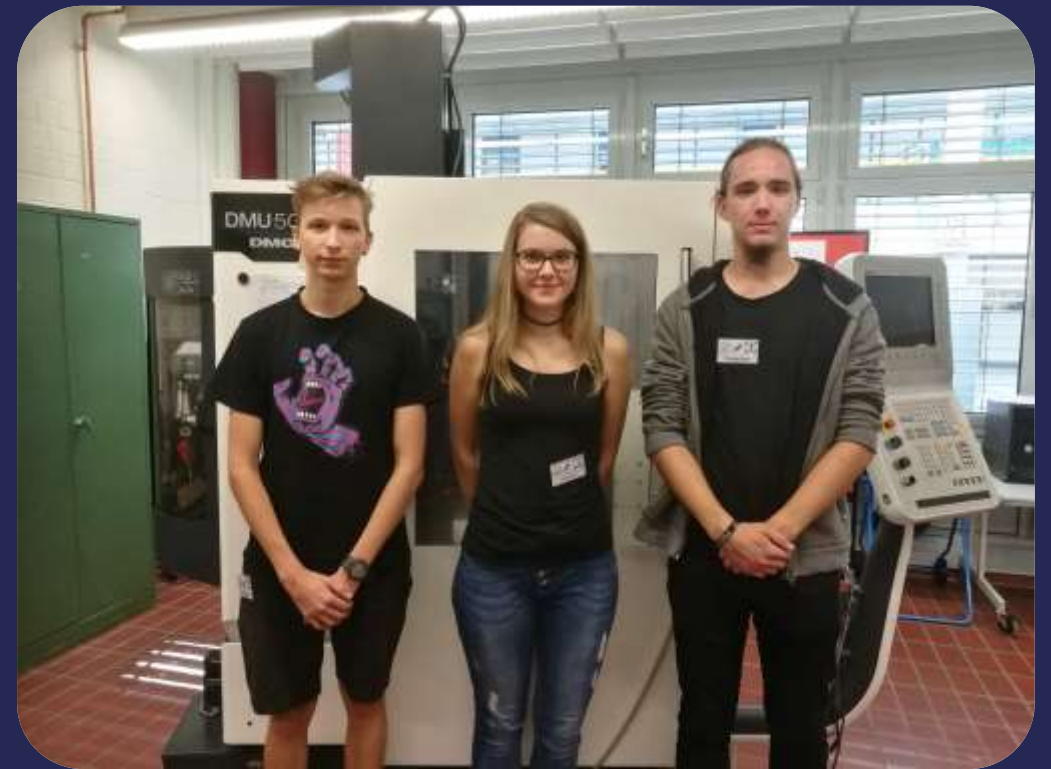TEAM 1 – Tadeš Kadlec
    - Max Müller
    - Tim Keiner

TEAM 2 – Miloslav Janeček
    - Aaron Havekost
    - Vincent Ruscheinski

CNC GROUPS

TEAM 2 – Kuchař Vojtěch
  - Kira Turskies
  - Martin Hammann

TEAM 1 – Radim Baďura
  - Vincent Grell
  - Basti Becker

WORKSHOP GROUPS

TEAM 1 – Zdeněk Znojil
- Finn Meuser
- Lennart Hutte

TEAM 2 – Jakub Vymlátil
- Nico Stahl
- Nico Weber

MONTAGE GROUPS

TEAM 2 – Marek Hlavička
          - Paul Kropeit
          - Jonas Lauer

TEAM 1 – František Kneip
          - Fabien Balcer
          - Tom Lenz

DOCUMENTATION GROUPS

TEAM 1 – Jiří Koudelík
        - Jannik Muller
        - Hermann Kien

TEAM 2 – Matyáš Blažek
        - Chris Botthof
        - Patrick Busch

VIDEO-DOCUMENTATION GROUP

- Tkadlec Jiří
- Milan Vojáček
- Lennart Steppich
- Jakob Kollet

TASKS

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

THE OLD WIND TURBINE

- At the beginning of the project we had to dismantle the old wind turbine
- The old turbine didn´t work because she was mounted on a wrong place
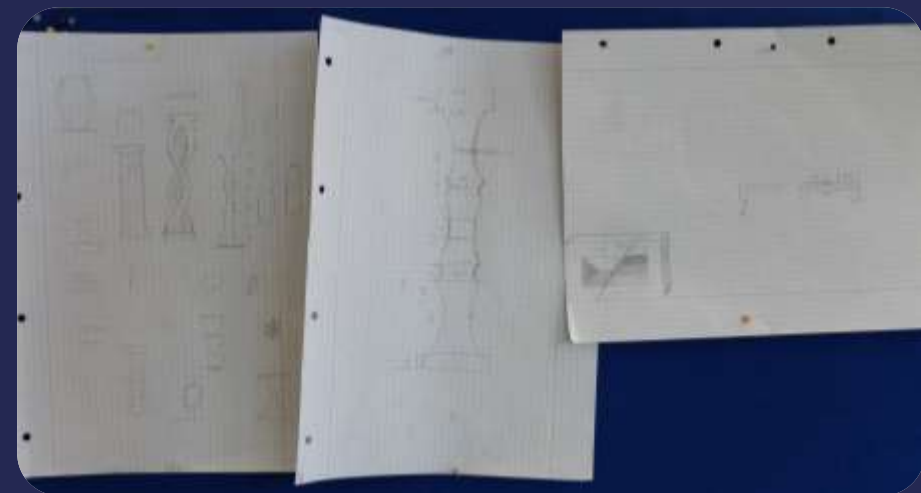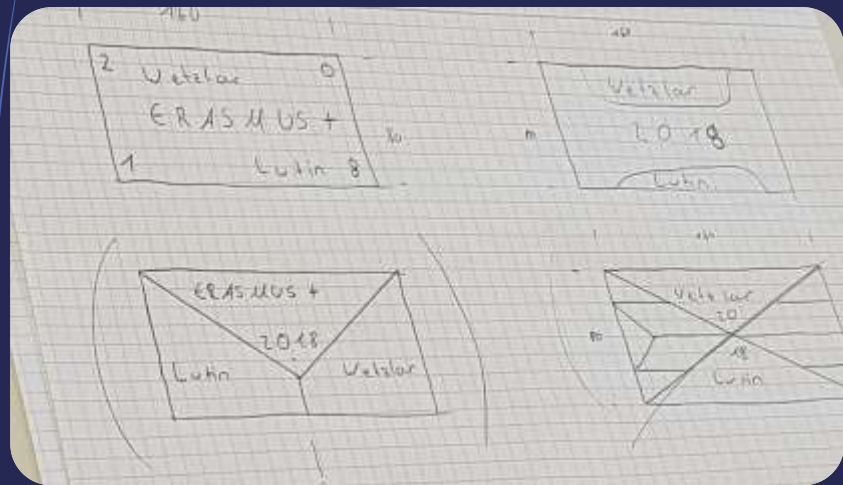- Our task was to create a new project and also upgrade the old one

PLANNING

- The first thing what both teams had to do was to create design of their project

- This was a task for a whole team
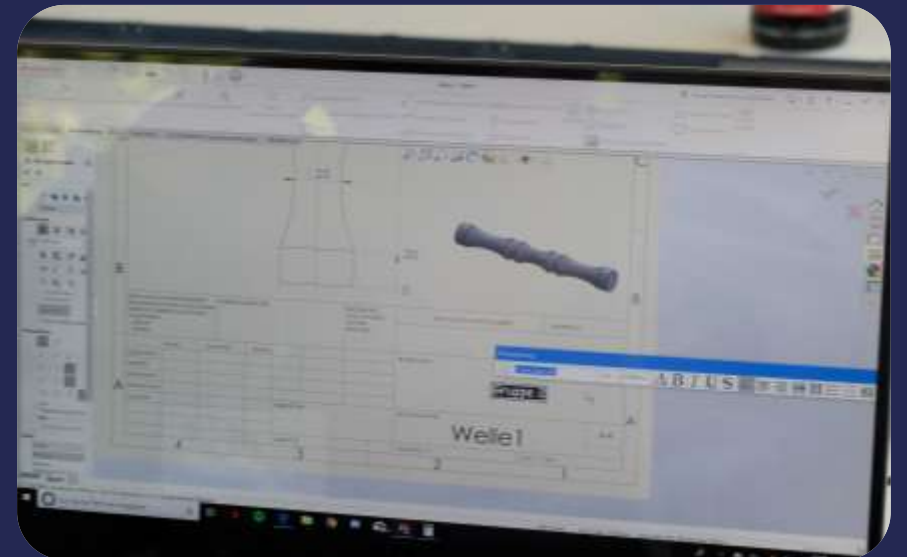
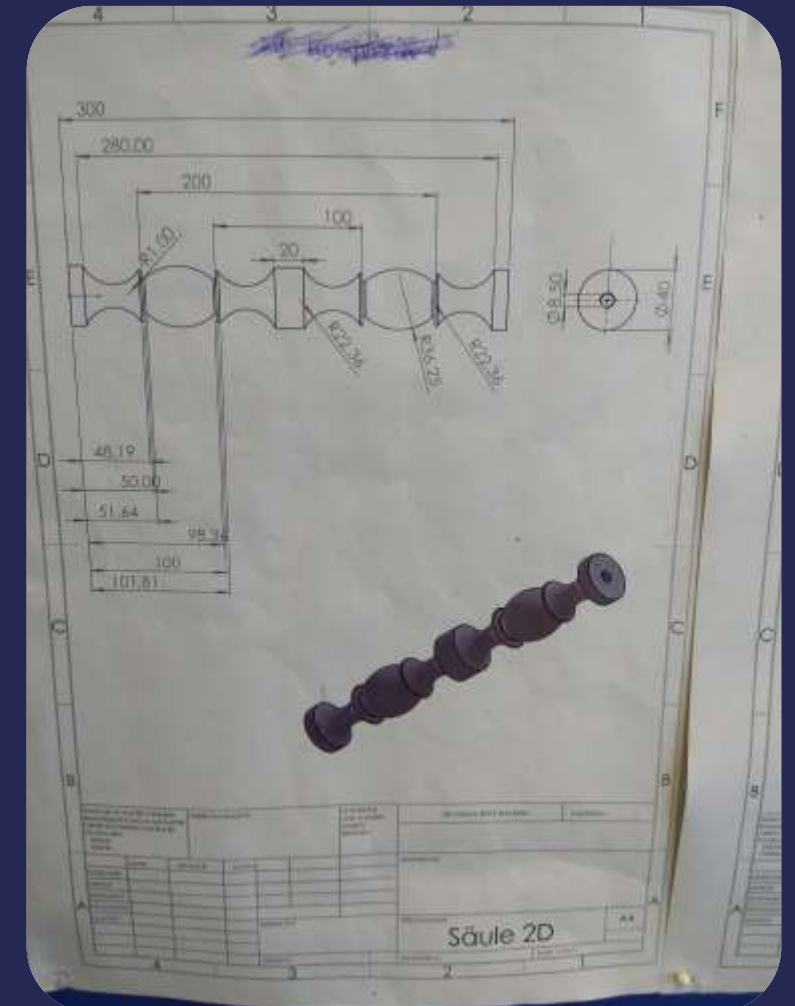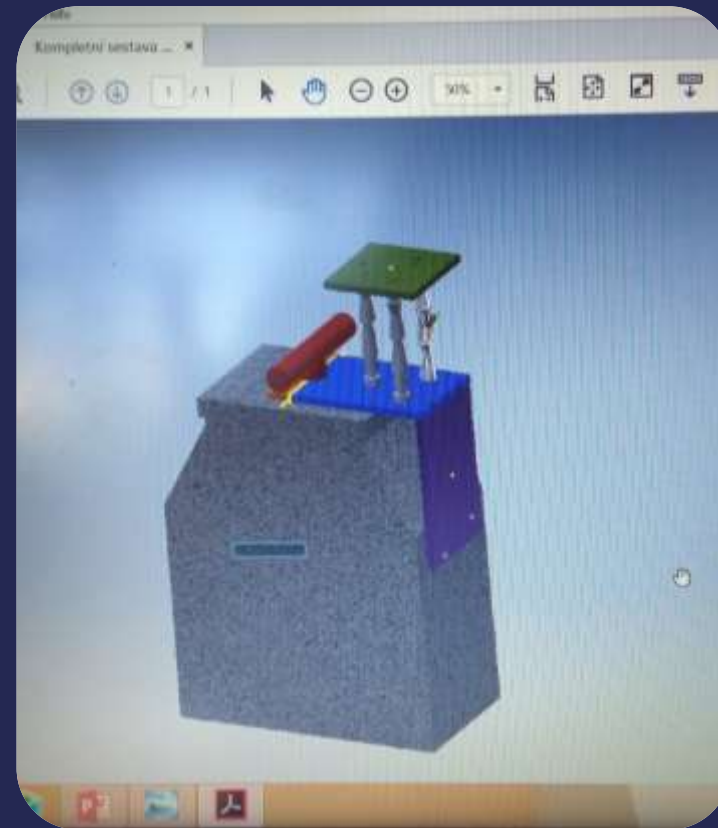- Designs were finished the next day and work could begin

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
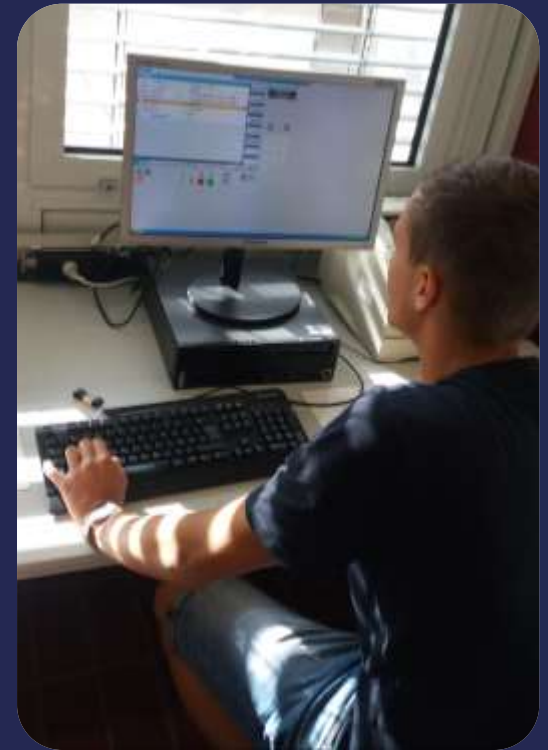- After they finished documentation for their teams, they began working on collective third project

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
- After that they started working on program for the collective pillar

CRAFTING

MEANWHILE ON WORKSHOP

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

- The montage goups were responsible for completing the whole project and they were also helping to workshop group.

PHOTOS FROM WORKSHOP

DOCUMENTATION

- Throughout the project the documentation groups observed our work and documented it

- 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 therein

SPECIAL THANKS TO…

- Ours teachers for helping us with the project

- To Wetzlar school for inviting us

- To Jan Mühlhaus for connecting all electronics

AND THAT IS ALL

- THANK YOU FOR YOUR ATTENTION