

Objective: Imagine energy future with solid foundations TechCamp





Program

Day 1

1

Day 2



Energy and Renewables Scenarios

On the first day of the course we will understand what types of energy our society needs and from which energy sources it is produced today. An overview...

Electrical Networks

The integration of electricity produced from renewable sources into the national electricity system will be discussed. After producing it, what to do with it?

Day 3



Day 4



Water and Wind: machines for energy conversion

The exploitation of wind and hydropower has been well known for many years, but it is no less important in today's energy landscape. However.....

Solar energy

Sunlight is available in every part of the Earth, a resource that can be relied on to generate electrical, thermal and mechanical energy locally and sustainably. But what limits?

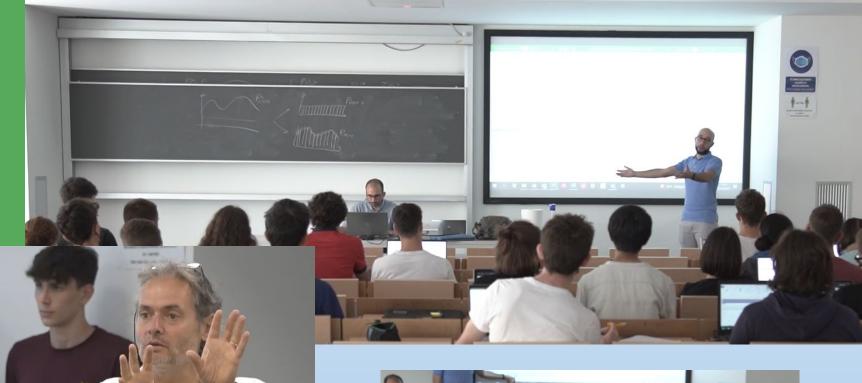
Day 5



Group project and space for imagination ... but structured



Morning theoretical background



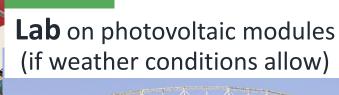


Afternoon Exercise/Lab

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Labs on:

Turbine hydro





8 - 9 m/s 9 - 10 m/s > 10 m/s

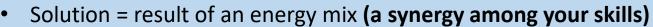


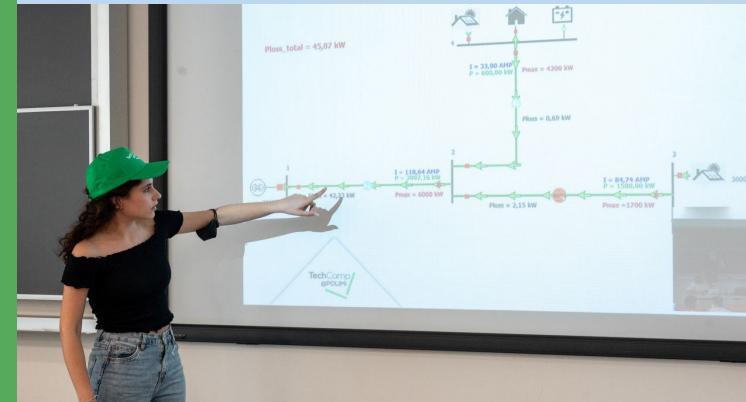
5° Day...

Finalization and Presentation of the Group Project



- You are a team you are assigned an 'energy problem'
- The team is divided into 4 groups.
- Each group contributes to solving the problem by focusing on only 1 topic (the theme of a day) covered in the week.
- Presentations of contributions to group x group solutions.







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