



TECHNICKÁ  
**AKADÉMIA ŠOLSKI CENTER**  
SPIŠSKÁ NOVÁ VES  
ŠKOFJA LOKA



**EUROPA -  
BERUFSSCHULE  
WEIDEN i.d. OPf.**



# ELC

energy  
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cultures



C o m e n i u s m e e t i n g

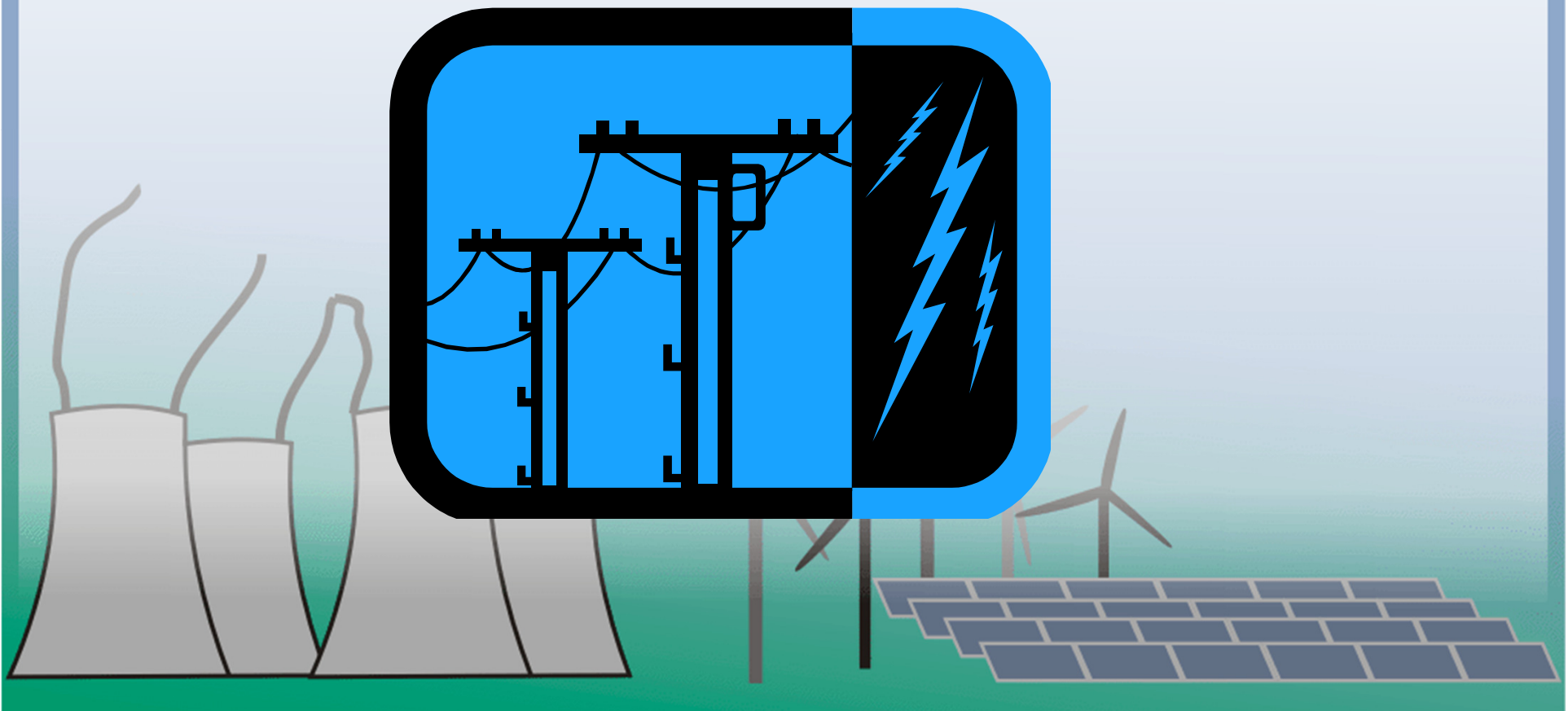
T á b o r

7. 4. – 11. 4. 2014



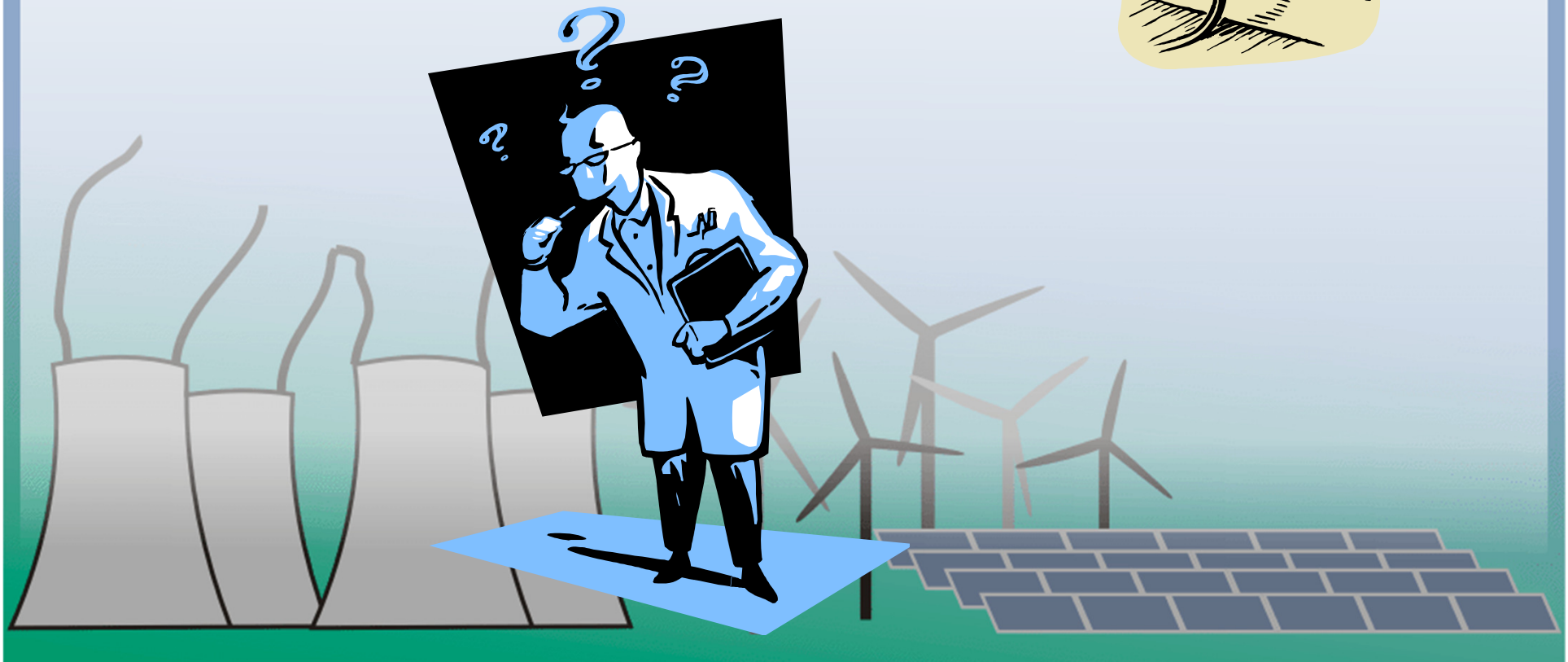
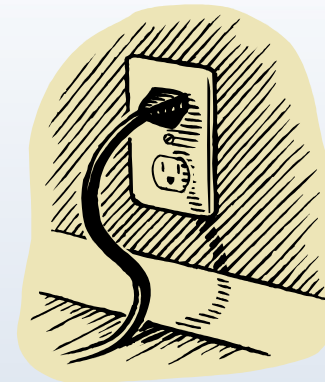
# What is electricity?

- The movement of free electrons in a conductor.

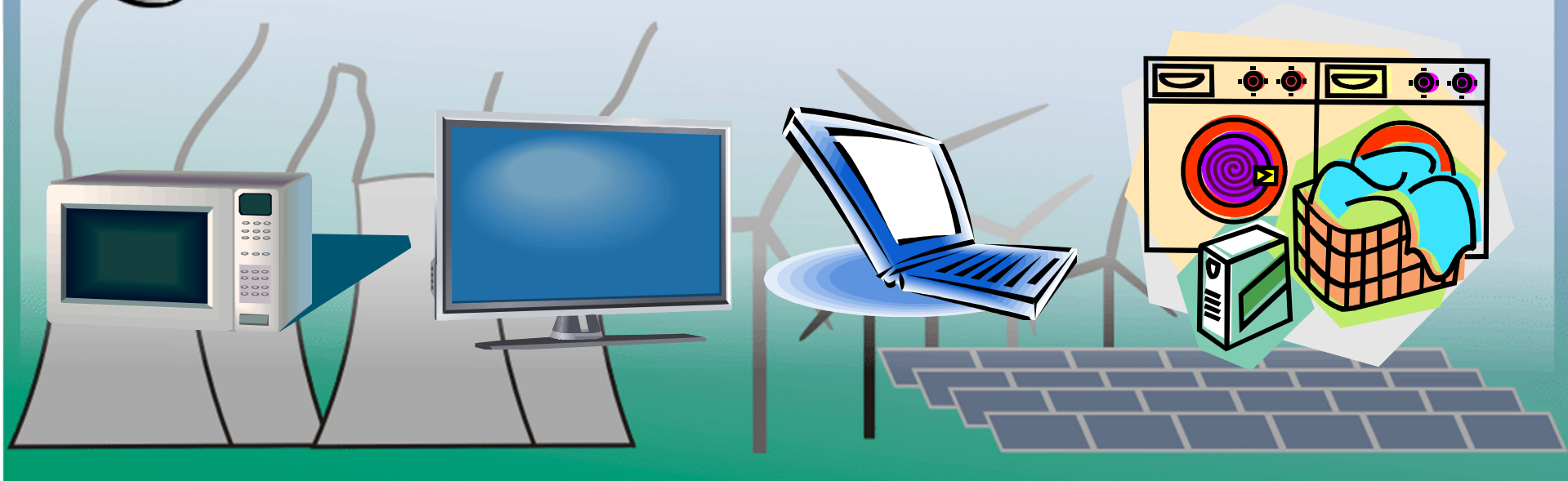
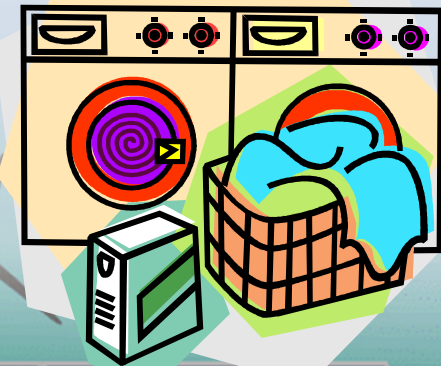


# Where is the electricity from?

- From the convenience outlet? 😊
- From power station?



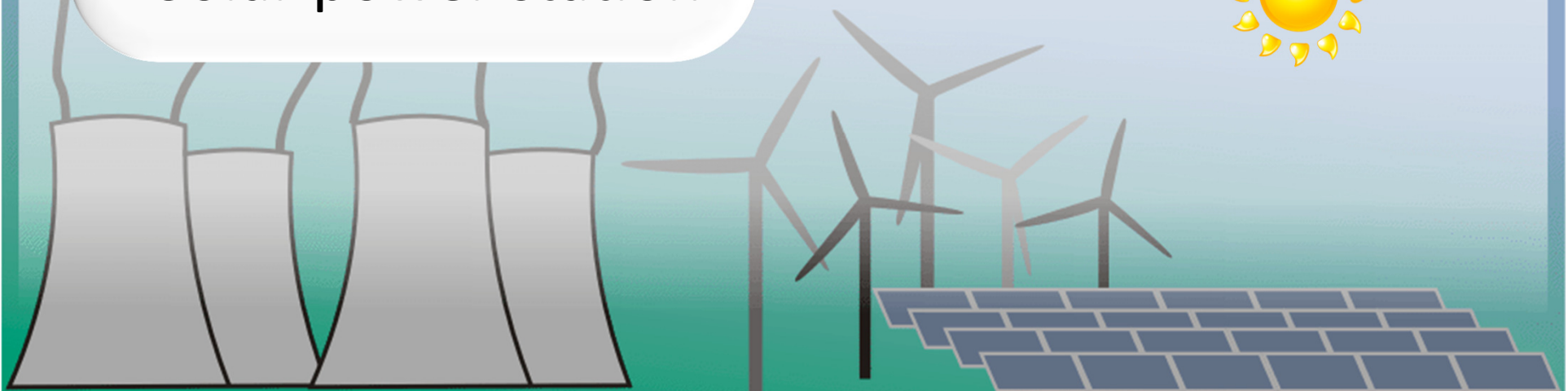
# How important is electricity for us?



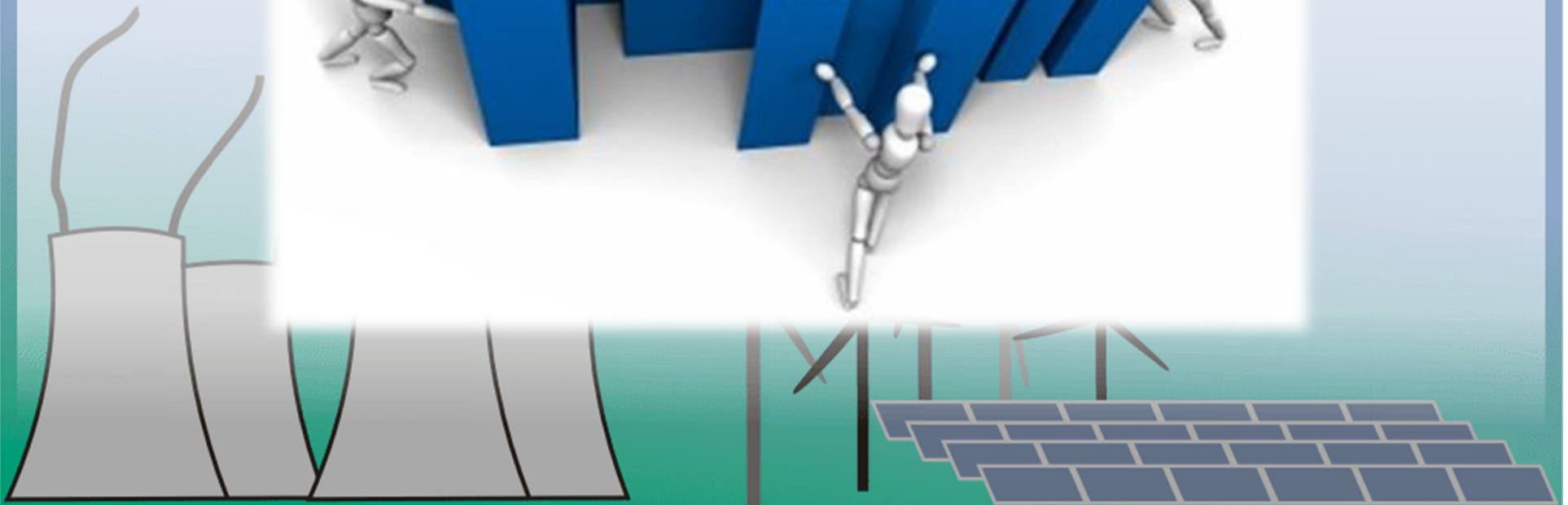


# What kinds of powerstaions you know?

- Thermal – coal, gas
- Nuclear – uranium
- Hydroelectric
- Wind power station
- Solar power station

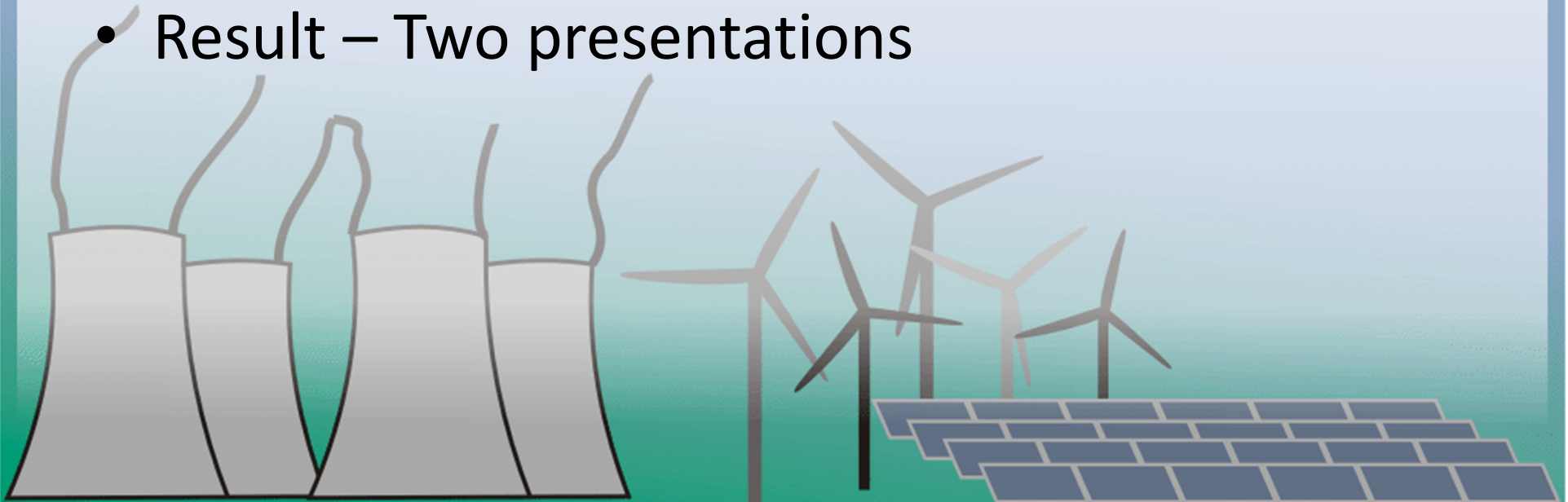


**And what situation is in project EUC countries?**



# What is the task?

- The task has two parts
  - Summary about production of electricity in one country from EUC countries.
  - The future of energetics – Thermonuclear fusion.
- Result – Two presentations



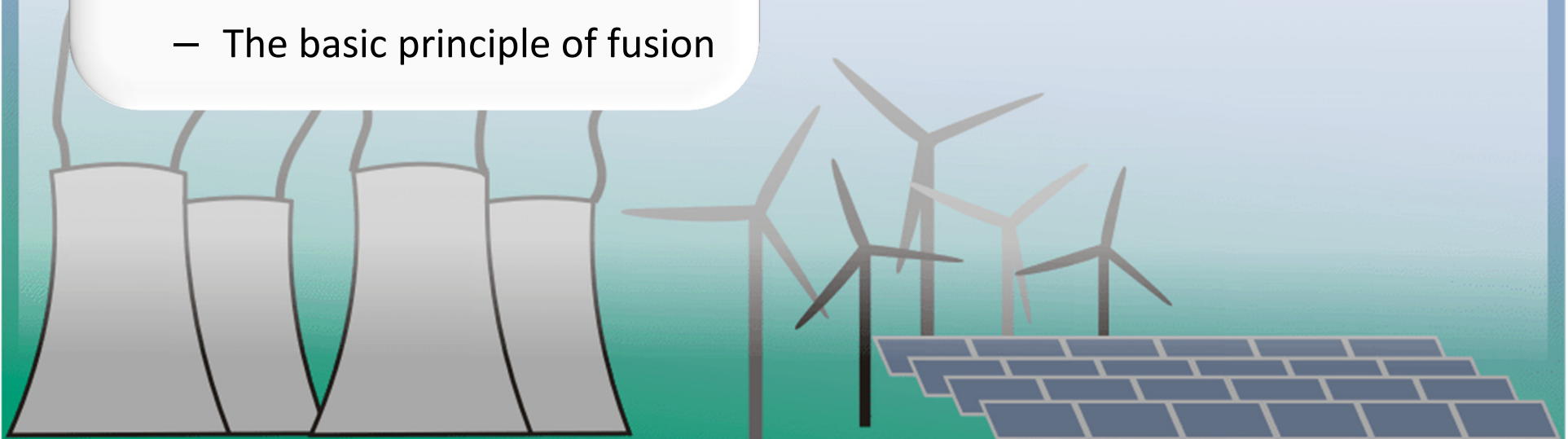
# Group 1

## Task

- Production of electricity
  - Slovakia
- Thermonuclear fusion
  - The basic principle of fusion



## Members of the group





# Group 2

## Task

- Production of electricity
  - Germany 
- Thermonuclear fusion
  - Cold fusion

## Members of the group

- f



# Group 3

## Task

- Production of electricity
  - Poland
- Thermonuclear fusion
  - Tokamak




## Members of the group

- f



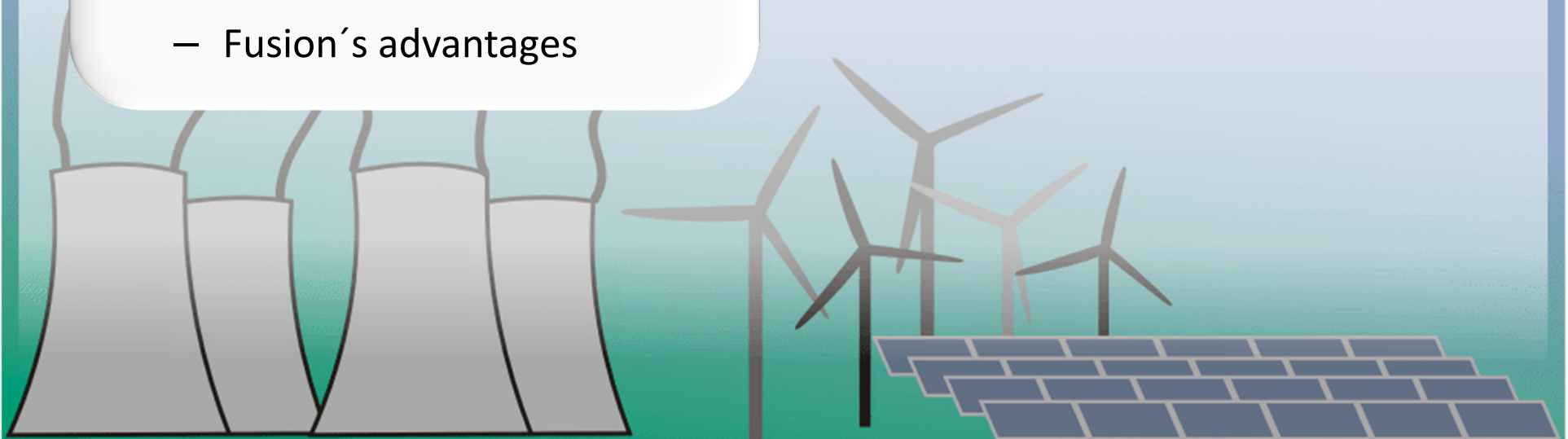
# Group 4

## Task

- Production of electricity
    - Turkey
- 
- Thermonuclear fusion
    - Fusion's advantages


## Members of the group

- f



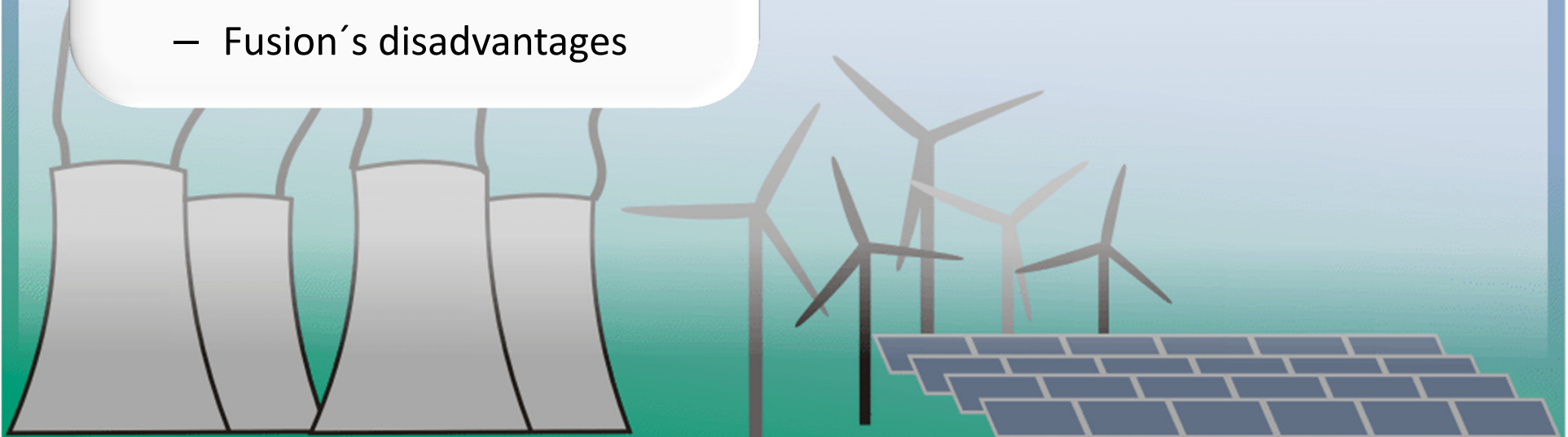
# Group 5

## Task

- Production of electricity
    - Slovenia
- 
- Thermonuclear fusion
    - Fusion's disadvantages

## Members of the group


- f





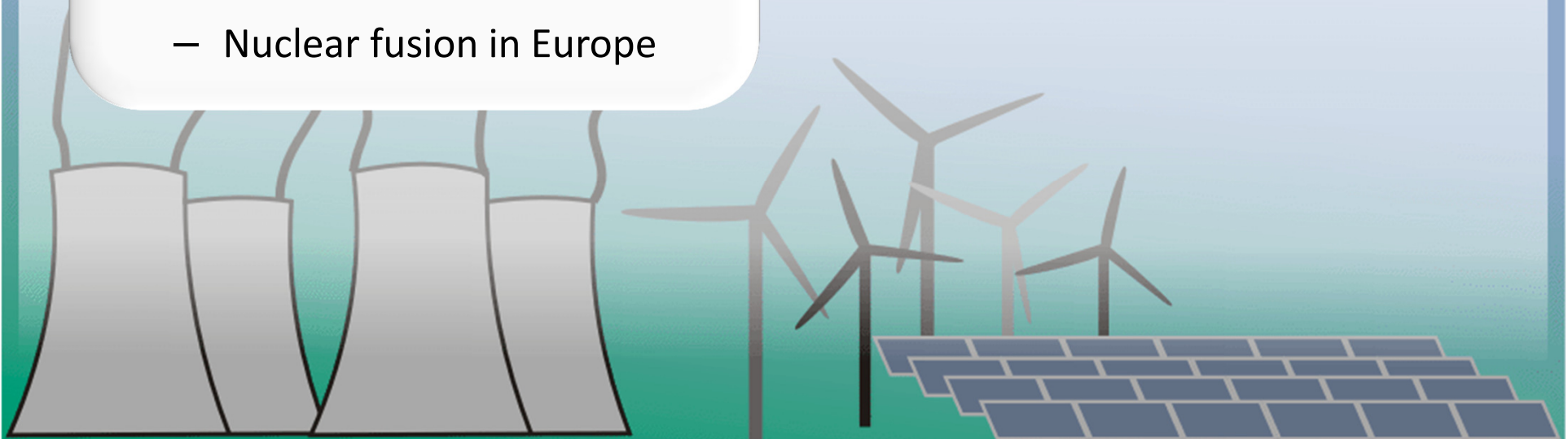
# Group 6

## Task

- Production of electricity
  - Croatia 
- Thermonuclear fusion
  - Nuclear fusion in Europe

## Members of the group

- f



# Group 7

## Task

- Production of electricity
  - Czech
- Thermonuclear fusion
  - The ITER project



## Members of the group

- f



Good luck!

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