

CLIMATE CHANGE IN POLAR REGIONS

Iga Józefiak

Erasmus+ Cooperation for innovation and the exchange of good practices

School Exchange Partnerships "Climate is a topic!"



Erasmus+



ABOUT MYSELF...



PRESENTATION PLAN

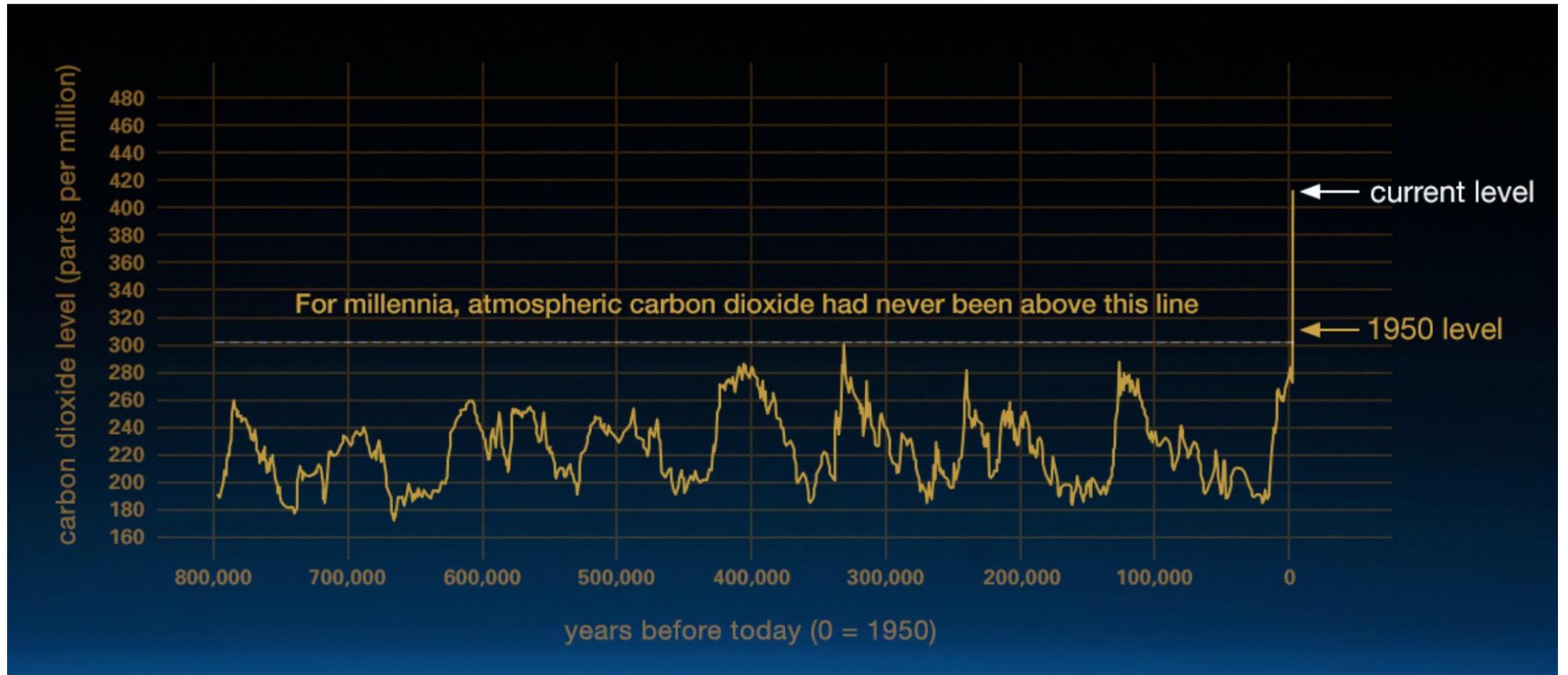
- Climate change - facts and myths
- Polar regions - what are they and why are they important?
- Real life experience
- Global and local solutions



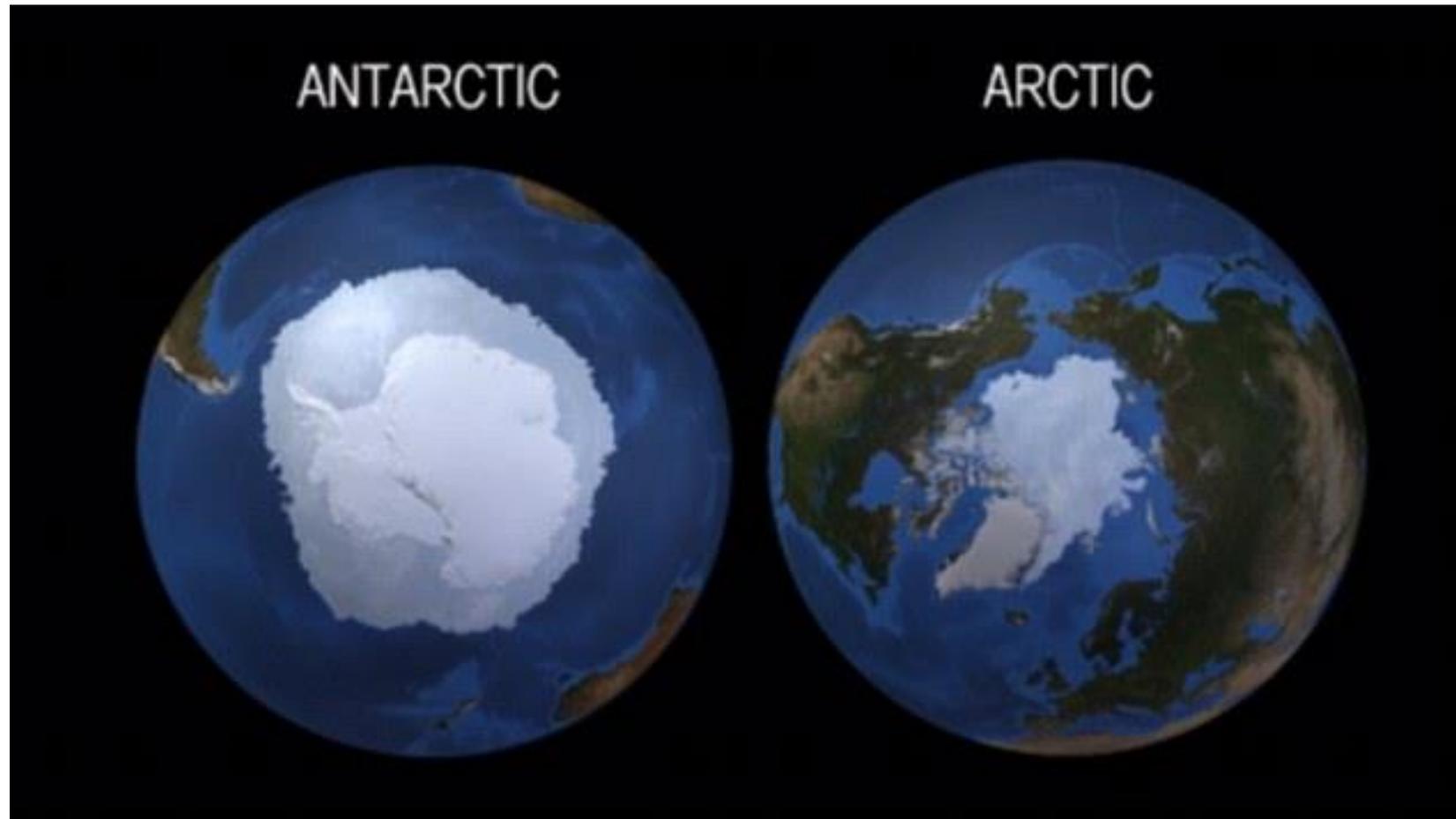
CLIMATE CHANGE - FACTS

- Greenhouse gases (CO₂, H₂O, CH₄,...)
- Extreme weather events
- The situation is real
- Economic and political aspects

CLIMATE CHANGE - DEBUNKING THE MYTHS



POLAR REGIONS



POLAR REGIONS

The infographic is divided into two horizontal sections. The top section is titled 'THE ARCTIC' and the bottom section is titled 'ANTARCTICA'. In the center, a globe shows the Arctic region at the top (marked 'N') and the Antarctic region at the bottom (marked 'S'), with 'VS' written across the equator. The Arctic section includes a thermometer showing 0° and a polar bear with a green checkmark. The Antarctic section includes a thermometer showing -58° and a penguin with a green checkmark. Text boxes provide details on temperature, animals, and population for each region.

THE ARCTIC

Average Yearly Temperature
The Arctic is freeeezing!

Animals!
The Arctic is at the top of the Earth (North!)

People & Population
2 Million native people call The Arctic 'home'!

Average Yearly Temperature
The Antarctic is the coldest place on the Earth!

Animals!
The Antarctic is at the bottom of the Earth (South!)

People & Population
Very few people live in Antarctica!

ANTARCTICA

IMPORTANCE OF POLAR REGIONS

- Polar regions influence the climate around the entire world
- Most profound effects of climate change are visible in polar regions - polar amplification
- Permafrost melting in the Arctic
- Bubbles of air trapped in the Antarctica
- Unique fauna and flora
- Huge sea level rise given poles melt

WHAT IF THE POLES MELT ENTIRELY...?



REAL LIFE EXPERIENCE





WHAT TO DO ABOUT CLIMATE CHANGE?

On a global scale:

- Reduction of Greenhouse Gases emissions (particularly CO₂)
- A paradigm shift ("Prosperity without growth")
- Binding agreement with efficient compliance mechanism

WHAT TO DO ABOUT CLIMATE CHANGE?

On a local scale:

- Educate yourself and others
- Reflect on your consumption patterns
- Walk or cycle instead of using a vehicle
- Eat locally and reduce meat consumption
- Vote responsibly
- Plant a tree, get involved, volunteer, encourage your friends and family...

IF YOU FEEL LIKE KNOWING MORE...

- "An Inconvenient Truth" movie
- "An Inconvenient Sequel: Truth to Power" movie
- "This Changes everything" Naomi Klein book
- "Merchants of Doubt" Naomi Oreskes & Erik M. Conway book
- "Swiat na rozdrozu" Marcin Popkiewicz book
- Get in touch: iga.jozefiak@gmail.com / [igajozefiak](#)

A hand-drawn question mark with diagonal hatching is centered on a white puzzle piece. The puzzle piece is part of a larger assembly on a teal background. The text 'THANK YOU FOR YOUR ATTENTION' and 'QUESTIONS?' is overlaid on the puzzle piece.

THANK YOU FOR YOUR ATTENTION
QUESTIONS?
