

5TH INTERNATIONAL STUDENT CONFERENCE ON LOCAL SAFETY AND SECURITY



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arrs

SLOVENIAN RESEARCH AGENCY

13. SDG: CLIMATE ACTION

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Climate change

- Long term shifts of weather patterns and temperature
- Human (traffic, industry, farming) and natural factors
- An increased number of severe natural phenomena → socio-economic expenses



UN SDGs: Goal 13 – Climate action

- National adaptation plans and strategies
- Climate measures that factor into the socio-economic development
- The Paris Agreement (2016) → climate measures
- Nationally determined contributions → lower greenhouse gas emissions, measures to adjust to the effects of rising temperatures
- Water and food shortage, degradation



Measures

- Transition to cleaner energy sources, technology (as well as heating)
- Establishing strategies for permanent city planning, infrastructures and use of land
- Establishing regional and national standards
- Setting final emission values
- Encouraging public transport
- Improving the efficiency of vehicles and fuel
- Encouraging the use of electric vehicles
- Ensuring financial and other means

The Republic of Slovenia

- Implementing The Paris Agreement (2016)
- The Constitution of the Republic of Slovenia (1991)
- Law of Efficient Energy Use (2020)
- Environment Action Law (2006)
- 21st article of the Law on Local Government (1993)

Climate Fund

- Financial aid for building low-energy buildings
- Purchasing new public transport vehicles that run on electricity or hydrogen
- Building new bike paths
- Purchasing environmentally friendly communal vehicles

Examples of good practice

Ljubljana

- Limited traffic in the city centre
- Self-serving bicycle rental system (BicikeLJ)
- P+R system
- Methane powered buses

Bohinj

- P+R system with free buses
- Bike and hiking paths
- Chargers for electric cars
- Electric powered boats

Maribor

- Municipality programme to protect the environment → environmental issues, vision for the local community, different strategies

Discussion

- Implementing international legal acts into the national system → different in each country
- Developing countries → most vulnerable to the consequences of climate change, biggest emitters of greenhouse gases
- The oceans → balancing the climate on Earth, store carbon, produce oxygen and food
- Mass fishing and poaching
- Global warming → ocean acidification



- Small number of bus lines from smaller to bigger cities
- Unpunctual railroad system
- Importance of electric vehicles → lower CO₂ emissions
- Electricity is not primarily produced from renewable energy sources
- Farming → excessive use of chemicals



Thank you for your attention!