

# ENVIRONMENTAL ISSUES IN REGARDS TO CLIMATE CHANGE IN GREECE



# GREECE, RAPIDE PRESENTATION

- ▣ Population
- ▣ Economy
- ▣ Industry

# BEAUTIFUL GREEK NATURE





# GEOGRAPHY AND BIODIVERSITY OF GREECE

- ▣ 80% mountainous
- ▣ 13 676 km of coastline
- ▣ More than 6000 islands and islets
- ▣ 39 volcanoes with 5 still active
- ▣ Forest land covers 26.2%
- ▣ Grazing land 40.3%
- ▣ Agricultural land 25.1%
- ▣ 10th biggest Natura 2000 Network



# ENVIRONMENTAL ISSUES DUE TO CLIMATE CHANGES IN GREECE



- ▣ Rise in air temperature
- ▣ More droughts and flash floods
- ▣ Sea level rise
- ▣ Sea temperature rise

# ENVIRONMENTAL ISSUES DUE TO CLIMATE CHANGES IN GREECE



- ▣ More and more wildfires
- ▣ Increase of coastal erosion
- ▣ Decrease in air quality



# ENVIRONMENTAL ISSUES DUE TO CLIMATE CHANGES IN GREECE



Thessaloniki – Algal blooms, also called red tides





# More repercussions

- ▣ On health
- ▣ On Food quality
- ▣ On fresh water supply
- ▣ On air quality
- ▣ On Tourism

# EXISTING BODIES & LEGISLATIONS ON CLIMATE CHANGES

## AT THE WORLD LEVEL

- UNFCCC
- IPCC
- Vienna Protocol (1985)
- Montreal (1897), Kyoto (1997) Protocols
- Paris Agreement
- G8
- G20
- OECD
- Forums, Organisations, Agencies....

# EXISTING BODIES & LEGISLATIONS ON CLIMATE CHANGES

## AT THE EUROPEAN LEVEL

- ▣ EEA
- ▣ EU Climate and Energy package
- ▣ EU Climate law
- ▣ EU Climate Pact
- ▣ Directives
- ▣ Regulations
- ▣ Strategies
- ▣ Directives....

# EXISTING BODIES & LEGISLATIONS ON CLIMATE CHANGES

## AT THE NATIONAL LEVEL

- ▣ MEGR
- ▣ NECCA
- ▣ Law 4414/2016
- ▣ Law 4936/2022
- ▣ Law 4951/2022
- ▣ IPCC Experts in Greece
- ▣ The Green Tank
- ▣ WWF Greece
- ▣ EEPF
- ▣ H.A.P.O.
- ▣ UGS
- ▣ NGOs

# WHAT MORE CAN BE DONE?

- ▣ Recycle: The 3 R of sustainability
- ▣ Better treatment of waste management
- ▣ Better construction of buildings
- ▣ Better way of transports



# WHAT MORE CAN BE DONE?

- ▣ More renewable energy
- ▣ Responsible consumption habits
- ▣ Greener agriculture and Fishing industries
- ▣ Eco responsible tourism
- ▣ EVERYONE's responsibility



# SOURCES

- [http://iobe.gr/EC\\_Conference2020/Factsheet\\_Green%20Policies\\_Greece%20July%202020.pdf](http://iobe.gr/EC_Conference2020/Factsheet_Green%20Policies_Greece%20July%202020.pdf)
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