

STOP CO2

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WHAT IS CLIMATE CHANGE?

CLIMATE CHANGE REFERS TO LONG TERM CHANGES IN TEMPERATURE AND OTHER VARIABLES THIS CHANGES CAN BE NATURAL, HOWEVER, SINCE THE 19TH CENTURY, THEY WERE CAUSED BY HUMAN ACTIONS.
MOSTLY DUE TO FOSSIL FUELS EMISSION, LIKE CHARCOAL, PETROL AND GAS.



WHAT FACTORS CAUSE IT?

- **LOGGIN**=WHEN CUTTING DOWN A LOT OF TREES AND THIS CAUSE LESS CAPACITY TO SUBTRACT CO2 FROM THE ATMOSPHERE
- **ENERGY PRODUCTION**= ELECTRIC AND TERMIC PRODUCTIONS ARE GENERATE BY THE COMBUSTION OF COAL, NATURAL GAS AND PETROLIUM
- **AGRICULTURE ACTIVITIES**= THIS USE THE LOGGING, USE OF CHEMICALS AND PHARMACEUTICALS
- **TRANSPORT**= EITHER PRIVATE THAT PUBBLIC WHEN THEY MOVE PRODUCE POLLUTION (IN PARTICULAR TRASPORTS POWER BY DIESEL, GAS, METHANE...)
- **BUILDINGS**= HOMES AND BUSINESSES CONSUME A LOT OF ELETRICITY AND METHAN GAS
- **CONSUMERISM**= REQUIRES A LARGE AMOUNT OF RESOURCES



REPERCUSSIONS ON MARINE LIFE

AS THE EXCESSIVE HEAT AND ENERGY WARMS THE OCEAN, THERE ARE SEVERAL SIDE EFFECTS. FOR INSTANCE, ICE MELTING AND THE RISE OF SEA LEVEL, MARINE HEATWAVES AND ALSO THE ACIDIFICATION OF THE OCEANS. THIS IS THE PROCESS IN WHICH THE PH LEVEL OF THE OCEAN IS REDUCED DUE TO THE INCREASING LEVELS OF CO2 EMISSIONS IN THE ATMOSPHERE. FISH ARE MIGRATING BECAUSE THEIR NATURAL HABITAT CAN NO LONGER FULFILL THEIR BIOLOGICAL NEEDS.



REPERCUSSIONS ON POSIDONIA OCEANICA



POSIDONIA IS USED AS A WAY OF KEEPING THE OCEANS CLEAN FROM CO₂, SINCE IT PRODUCES OXIGEN AND CAPTURES CO₂ DUE TO CLIMATE CHANGE, POSIDONIA IS IN DANGER OF EXTINCTION. THIS COULD CAUSE THE IMMEDIATE INCREASE IN SEA TEMPERATURE, MAKING IT ALMOST IMPOSSIBLE FOR MARINE FLORA AND FAUNA TO HABITATE THE SEAS.

IMPORTANCE OF POSIDONIA TO REDUCE CLIMATE CHANGE

**IT IS ESSENTIAL TO FIGHT THE CLIMATE CHANGE,
IN FACT IT :**

- RELEASES OXYGEN INTO THE ENVIRONMENT**
- ABSORBS A LOT OF CO₂, CHANGES THE ACIDITY OF THE WATER AND REGULATES THE ECOLOGICAL BALANCE OF THE SEA**
- PRODUCES AND EXPORTS BIOMAS**
- RECIEVES THE FORCE OF THE WAVES**
- PROTECTS THE COAST FROM EROSION**

