

# GROUP-4

# OCEAN ACIDIFICATION

## LEARN ABOUT OUR OCEANS

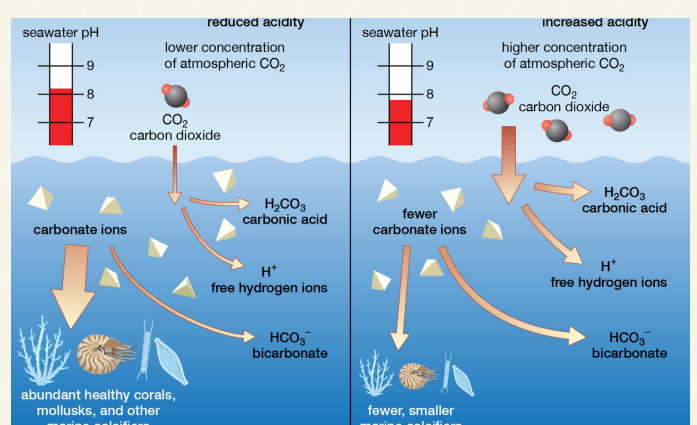


### WHAT IS IT?

The name “ Ocean Acidification ” is the continuous pH decline of the oceans around the planet. The pH is a measurement of the acidity of a solution.

### CAUSES

When carbon dioxide gas levels rise in the ocean, it affects all the water. When marine organisms die on the seabed, their remains accumulate and form corals consisting of coals. These compounds have an impact on the composition of the water as they carry acidity.!



### EFFECTS

Nowadays, the ocean is getting more and more acidic and thanks to the carbon emissions, a whole host of marine organisms are at risk.



### CONSEQUENCES

The impacts of ocean acidification could be enormous. The change in ocean chemistry leads to collapsing food webs, corrosive polar seas, dying coral reefs and mass extinctions, this could provoke an alteration in our food, water and air, making it impossible to consume..



### Alternative Water Supply Systems



### SOLUTIONS

- Strict and relevant regulations
- Reducing the consumption of carbon-oriented energy sources
- Use of alternative water sources

etwinning project - climate change is a political choice