

## POLLUTION: WHAT'S THE PROBLEM

FAST CHANGES ARE TAKING PLACE ON EARTH, BUT THEY ARE NOT HAPPENING NATURALLY. MOST OF THEM ARE CAUSED BY PEOPLE AND ARE AFFECTING THE PLANET AND ITS INHABITANTS WITH UNHEALTHY SIDE EFFECTS. MANY PARTS OF OUR WORLD ARE AT RISK: **FORESTS ARE DISAPPEARING; DESERTS ARE EXPANDING; POLAR ICE CAPS ARE MELTING AND MANY SPECIES ARE IN DANGER OF EXTINCTION**



THESE PICTURES EXEMPLIFY THE FOLLOWING ENVIRONMENTAL PROBLEMS:

1. **DESTRUCTION OF ANIMAL SPECIES:** MARINE ANIMALS ARE KILLED BY OIL POLLUTION AND TRASH VORTEX.
2. **WATER POLLUTION:** OIL POLLUTION IS CAUSED BY DISASTERS SUCH AS SHIP ACCIDENTS. TRASH VORTEX IS AN AREA OF FLOATING PLASTIC IN THE PACIFIC.
3. **ICE MELTING:** TEMPERATURES ARE RISING (KNOWN AS **GLOBAL WARMING**) AND THAT CAUSES THE MELTING OF ICE.
4. **WASTE DISPOSAL:** EVERY YEAR WE PRODUCE ABOUT 100 MILLION TONNES OF PLASTIC. WHERE DOES IT END UP?



THERE ARE DIFFERENT KINDS OF POLLUTION:

- AIR POLLUTION
- WATER POLLUTION
- NOISE POLLUTION
- LIGHT POLLUTION
- PLASTIC POLLUTION
- SOIL CONTAMINATION

GOVERNMENTS AND INDIVIDUALS CAN MAKE CHANGES: SMALL ACTIONS CAN MAKE A DIFFERENCE.



WHAT DO YOU DO TO BE GREEN? WHY IS IT IMPORTANT TO RESPECT THE ENVIRONMENT? THERE ARE **CLEAN RENEWABLE SOURCES OF ENERGY** BUT AT THE MOMENT LESS THAN 5% OF THE WORLD'S ENERGY COMES FROM CLEAN RENEWABLES. WHAT IS PLANET – FRIENDLY ENERGY? ELECTRICITY CAN BE PRODUCED BY **SOLAR, WIND, AND WATER POWER.**

