

SUNHAK
PEACE
PRIZE



Sustainable Ocean

LEARN & ACT

Giant plastic island

- Take a moment to look around you.
What do you see?
- Discovery of a giant plastic island



1. The wide, wide ocean



- Accounts for 71% of the Earth's surface
- Holds 97% of the Earth's water
- Produces 70% of the oxygen in the atmosphere
- Acts as the Earth's air conditioner
- A repository of tremendous amount of resources

2. Our ocean is dying

- Marine pollution refers to the deterioration of water quality and other adverse effects to the ocean caused by chemicals and trash produced by human activities entering the ocean
- High concentrations of pollutants found inside marine creatures
- Difficult and costly marine cleanup



2. Our ocean is dying



The ocean is getting hot
Oceanwater nutrient pollution



Loss of marine habitat
Marine life extinction

3. What is causing the ocean to die? (Pollutants from land)

- Massive debris that flow into the ocean
- Harmful materials that flow into the ocean
- Oceanwater acidification caused by carbon dioxide



3. What is causing the ocean to die? (Pollutants from within the ocean)



- Oil from ships that leak into the ocean
- Underwater noise and light that hinder the growth of fish

3. What is causing the ocean to die? (Overfishing)

- Overfishing
- Illegal, Unreported and Unregulated Fishing



The ocean is not the Earth's trash bin



- 80% of marine pollution comes from land
- What is the most common type of trash thrown away by people at the beach?
- 1st: ()
- 2nd: ()
- 3rd: ()
- 4th: ()
- 5th: ()

Example: Cigarette butts, plastic bottle, plastic bottle cap, plastic straw, food packaging

4. Why is ocean sustainability important?

- Decrease in seafood supplies
- Loss of ability to regulate climate
- Reduction of oxygen supply by 40%
- Accumulation of heavy metals in our bodies



5. How can we protect the ocean's future?



- Conserve and sustainably use the oceans, seas and marine resources for sustainable development (SDGs 14)
- Let's preserve the marine environment!
- Let's use marine resources sustainably!

6. Efforts for sustainable marine ecosystem (Commitment from the international society)

- Convention on the Prevention of Marine Pollution by Dumping of Waste and Other Matter (1972, London Convention)
- Global Programme of Action for the Protection of the Marine Environment from Land-based Activities (1995, GPA)
- Stockholm Convention on Persistent Organic Pollutants (2001)
- Honolulu Strategy (2011) of the International Marine Debris Conference



6. Efforts for sustainable marine ecosystem (NGOs)



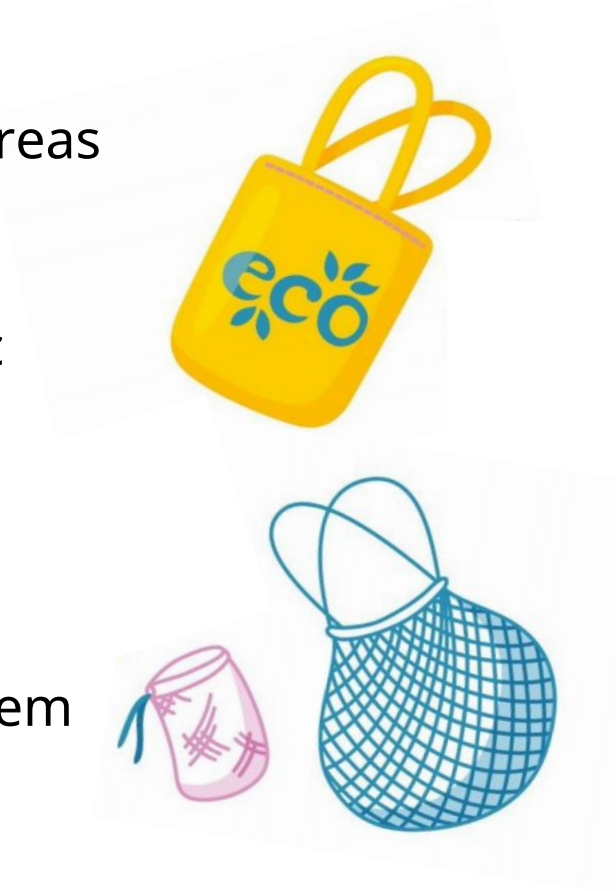
Ocean Conservancy



Marine Stewardship Council (MSC)

6. Efforts for sustainable marine ecosystem (National efforts)

- Designation of marine protected areas
- Support for development of plastic alternatives
- Encouragement and operation of marine resources certification system



6. Efforts pour un écosystème marin durable(campagnes)

- International Coastal Cleanup Day (Third Saturday of September)
- Movement for sustainable seafood consumption
- Mr. Goodfish, a campaign by chefs



7. What can we do to save the polluted ocean?

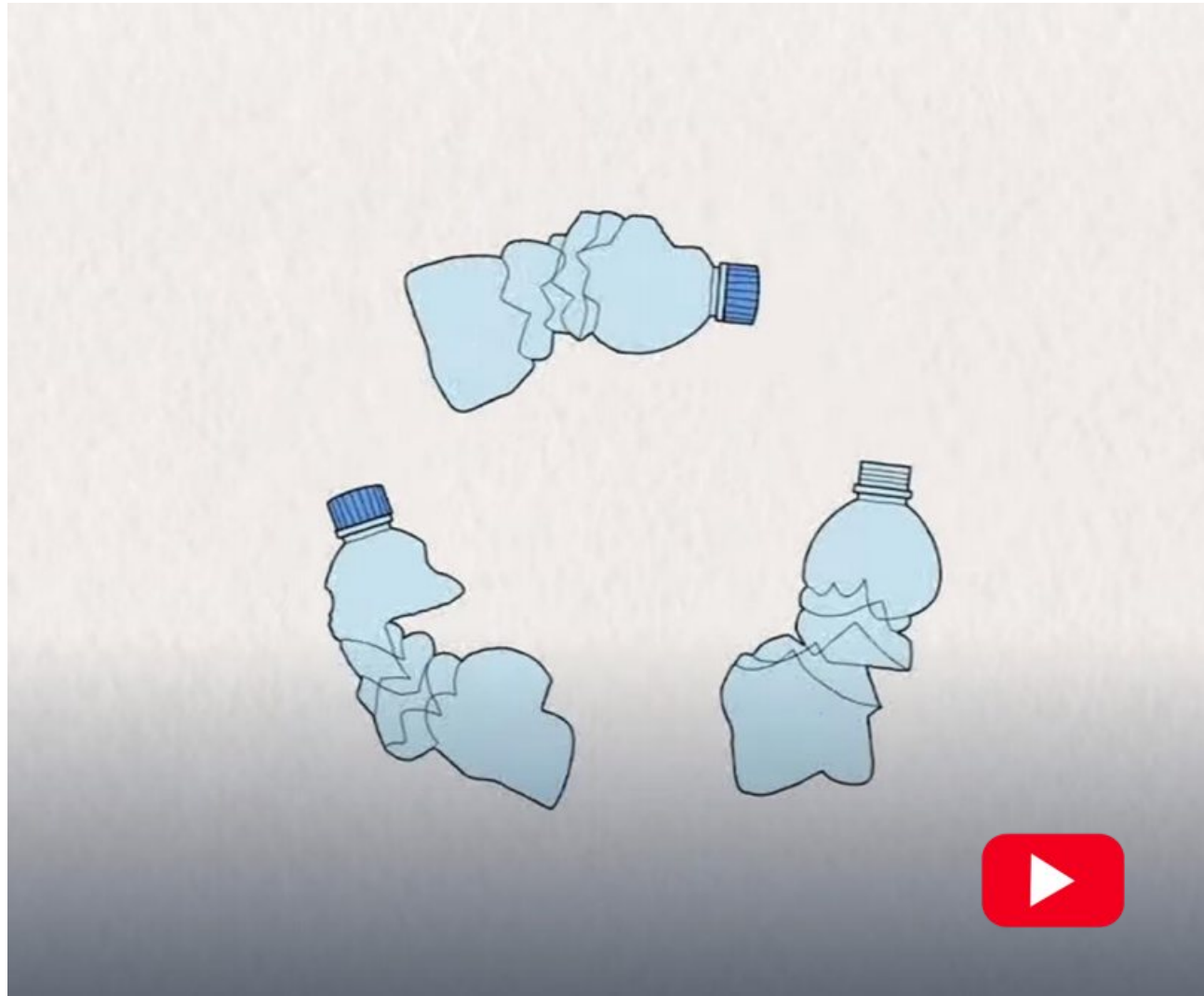


- Reduce the use of plastic
- Participate in marine protection activities
- Consume sustainable seafood

Save The Ocean!



- Now is the critical time to save the ocean!
 - Time to act for the ocean



What really happens to the
plastic you throw away



International Coastal Cleanup Day