

SUNHAK
PEACE
PRIZE

Sustainable Ocean

PEACE LESSONS

Giant plastic island

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



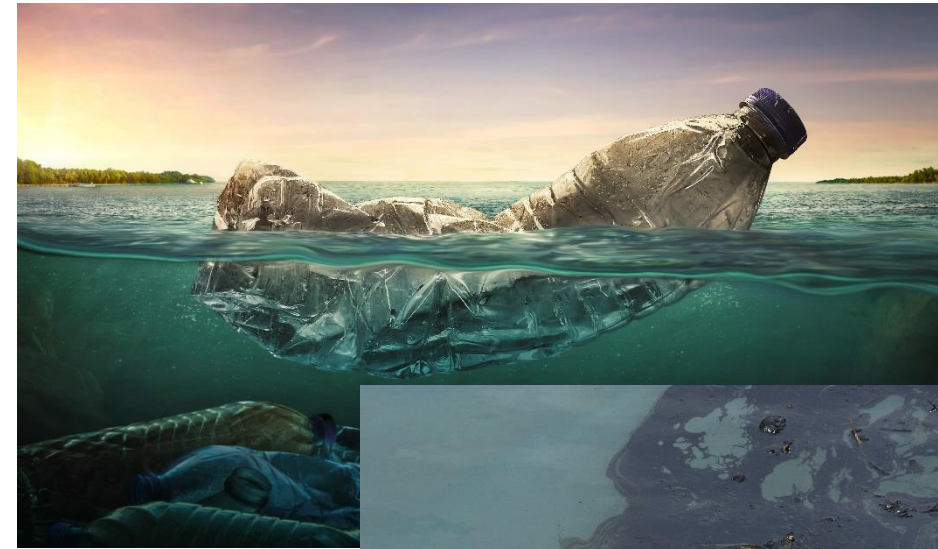
1. The wide, wide ocean



- 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



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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



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

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



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

- Overfishing
- Illegal, Unreported and Unregulated Fishing



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The ocean is not the Earth's trash bin



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- 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 bag, 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?



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- 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



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6. Efforts for sustainable marine ecosystem (NGOs)

- Ocean Conservancy
- Marine Stewardship Council (MSC)



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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



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6. Efforts for sustainable marine ecosystem (Campaigns)

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



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



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

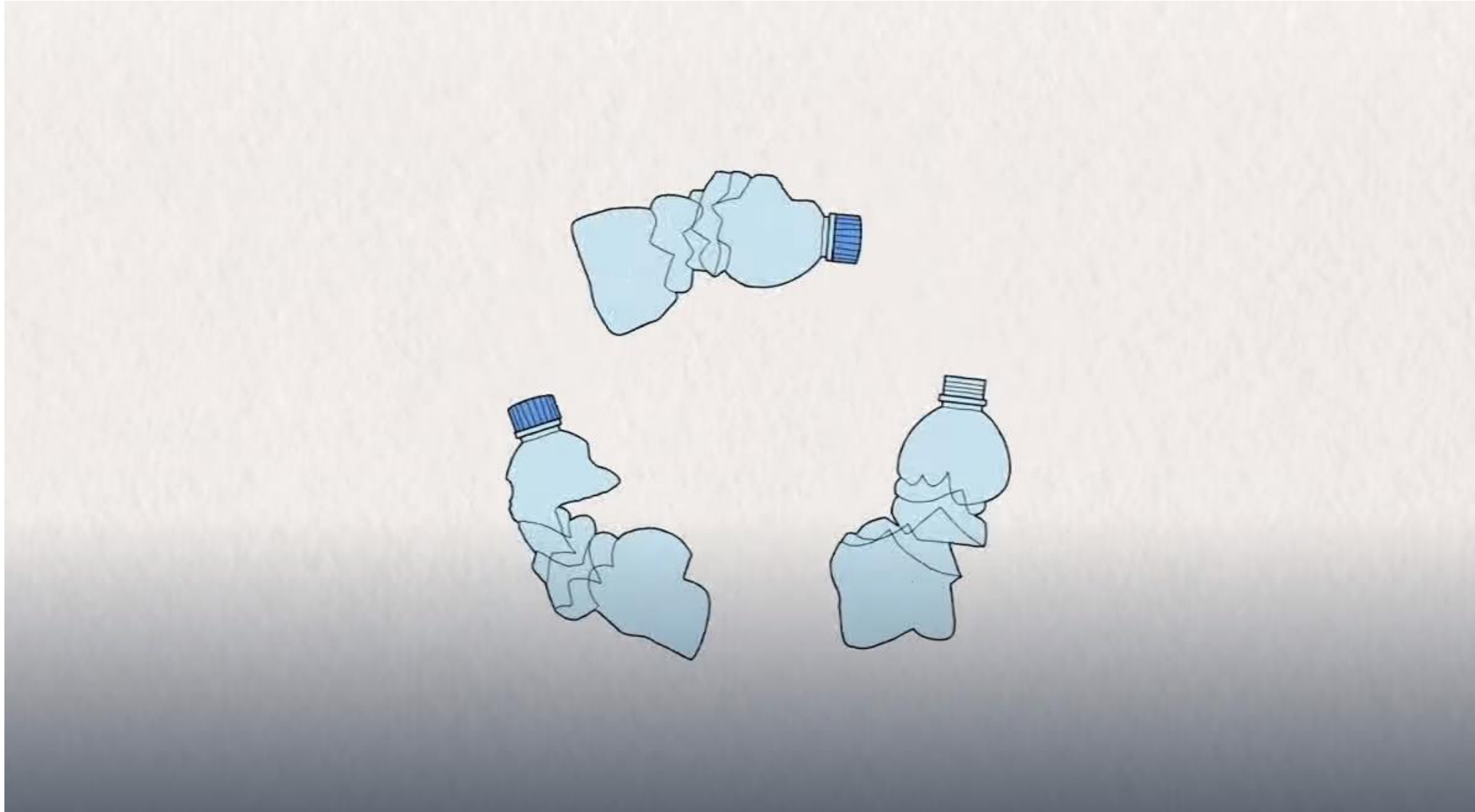
Save The Ocean!

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



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What really happens to the plastic you throw away



International Coastal Cleanup Day

