

PET

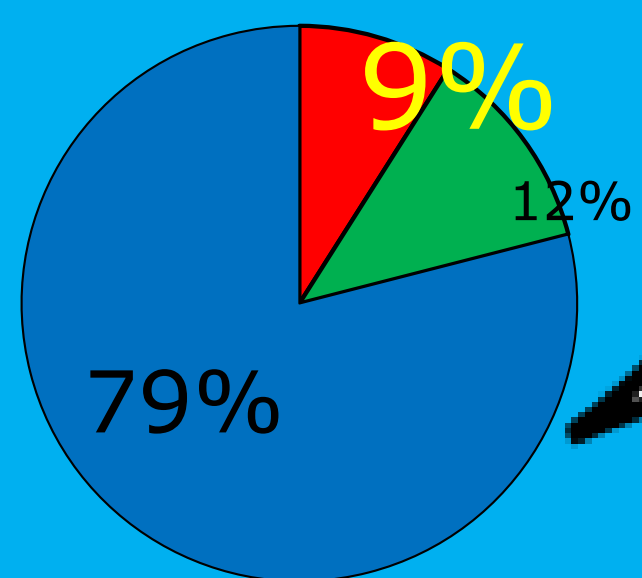
Plastics exterminate treasure



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Present Situation

Plastic is often used for disposable products. It is said that we humans discharge 320 million tons of plastic waste in a year, and the amount of damage caused by plastic waste may be 13 billion dollars per year. The recycling rate of plastic waste around the world is only 14%. We found that they are collected in one place and left behind for a period or spilled into the sea. In the course of time, plastics gradually become smaller and when its diameter becomes 5 millimeter or less, they are called 'Micro plastics'. They are floating in the air.



Annual amount of emission

320,000,000 tons

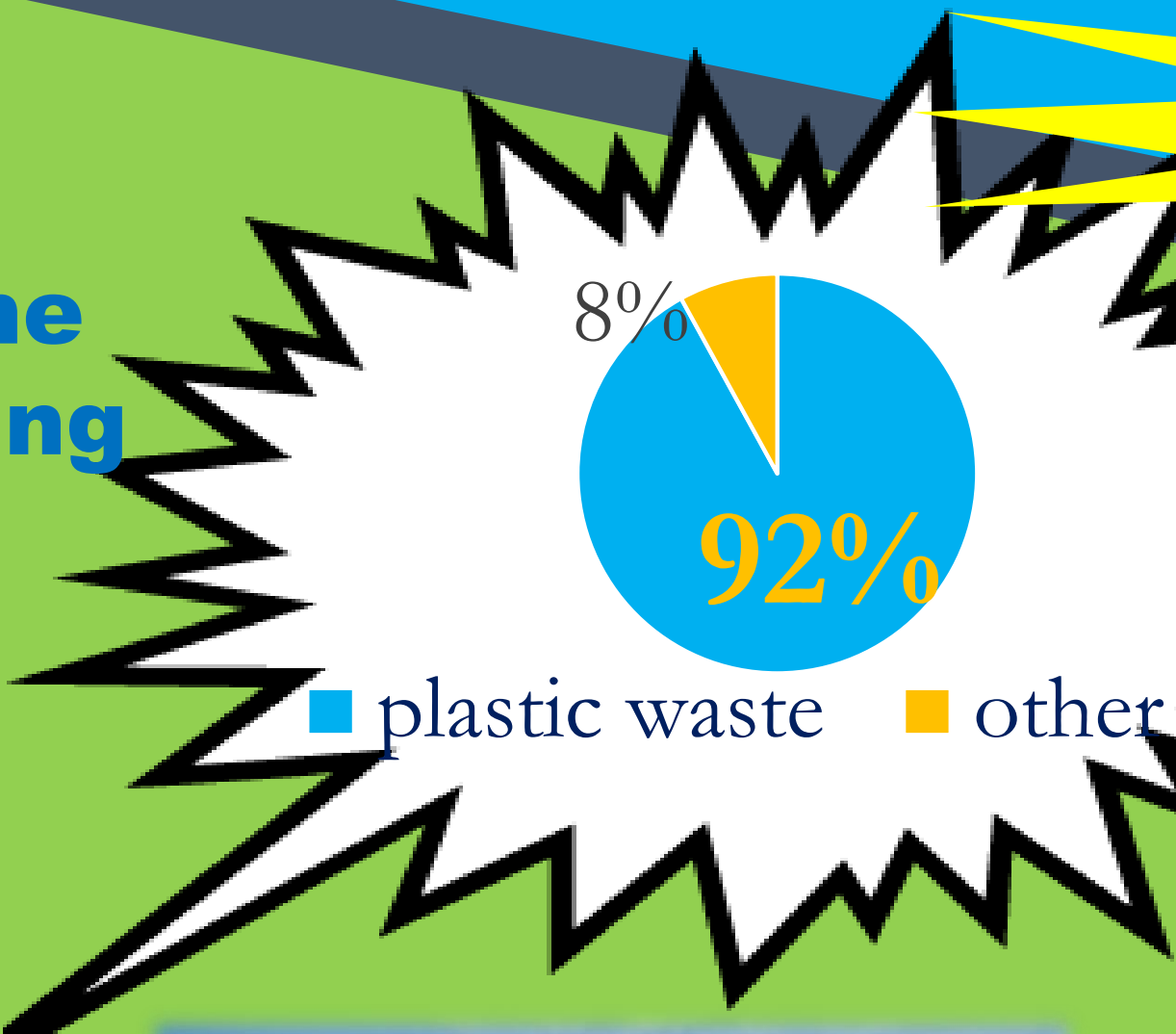
The amount of damage to environment

\$ 13,000,000,000



THE DAMAGE TO MARINE LIFE

92% of the damage to marine life caused by garbage floating in the sea is due to plastic waste, and the area that produces most of the waste is South East Asia.

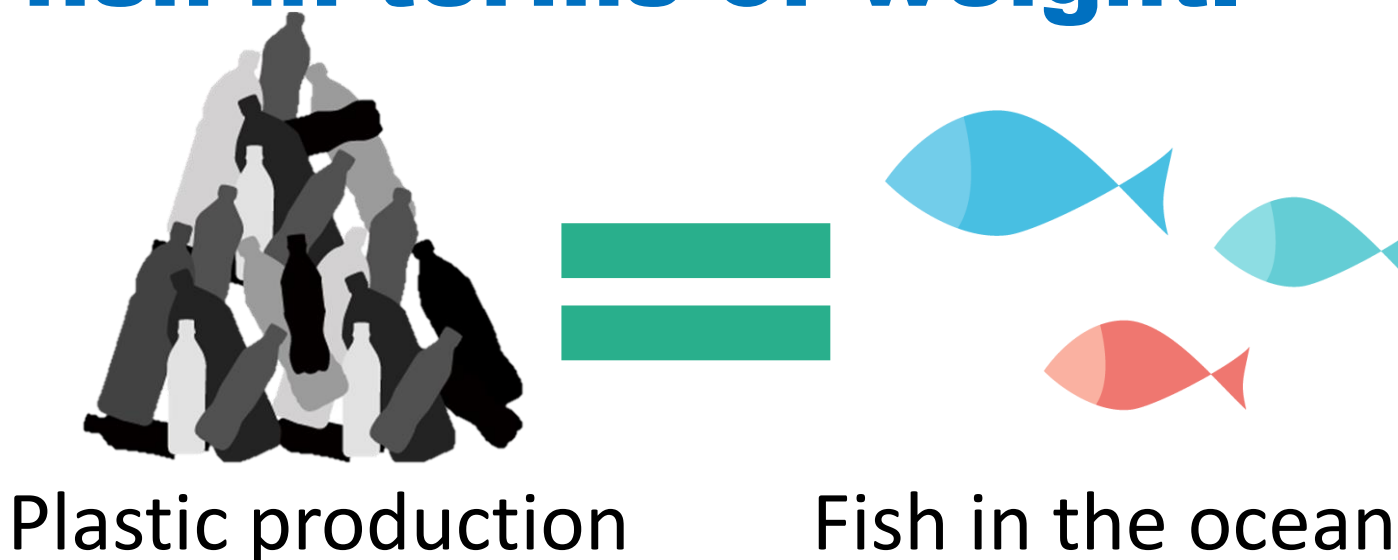


< ANIMALS DAMAGED BY PLASTIC >



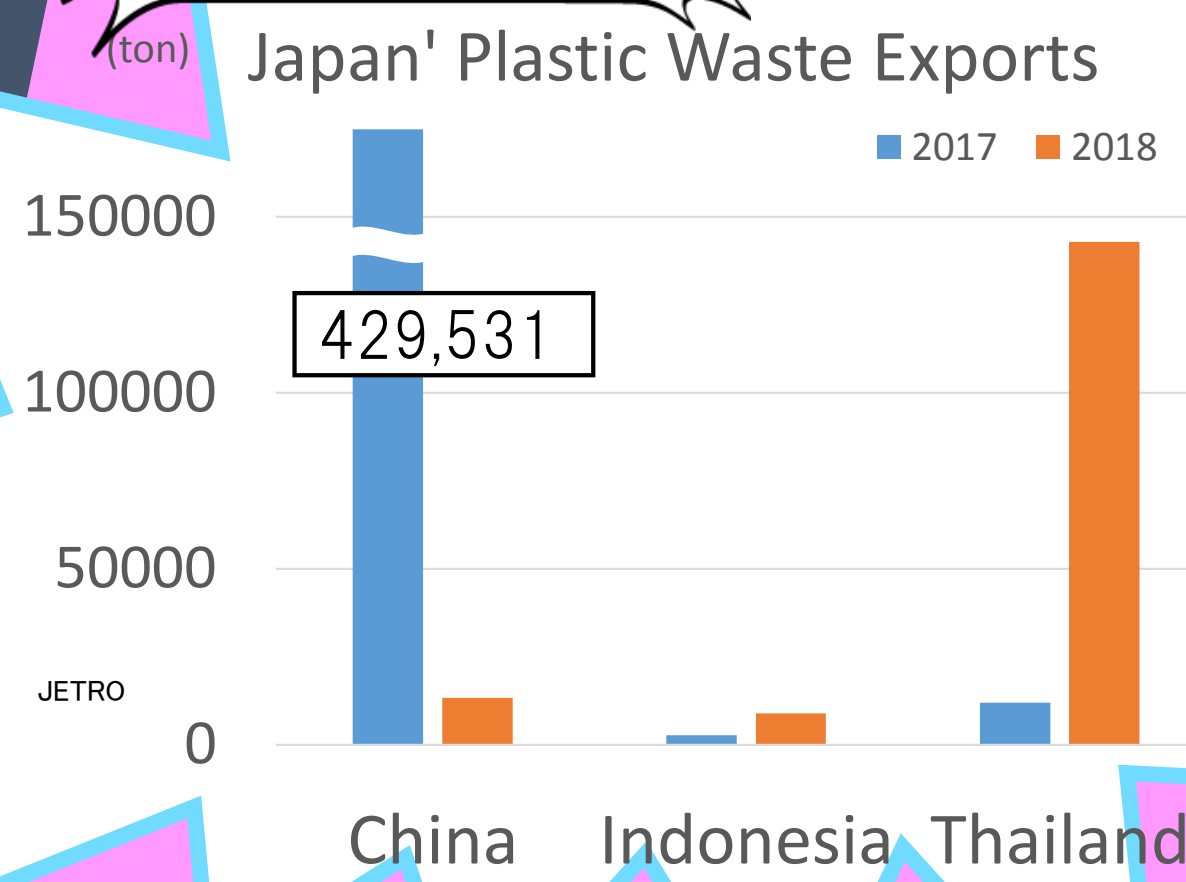
Oh
No!

To our surprise, It is said that by 2050 the amount of plastics will be as much as fish in terms of weight.



BAN ON WASTE PLASTIC IMPORTS

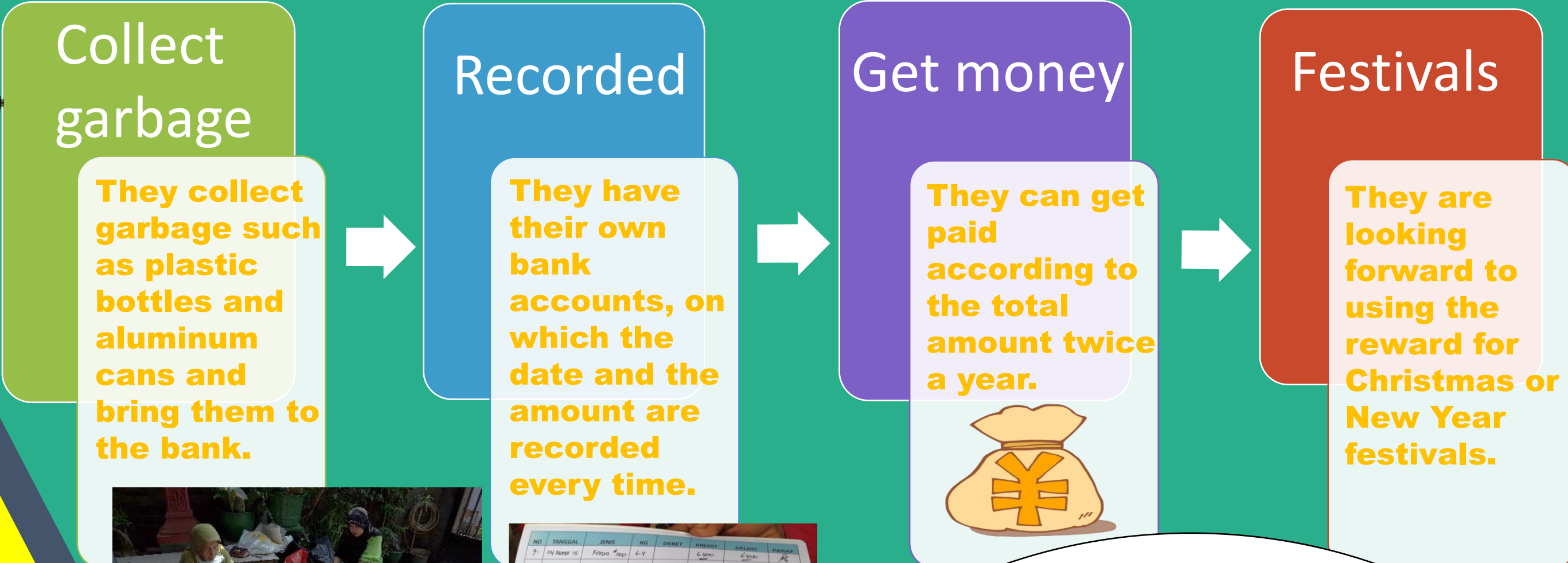
However Chinese government announced that they would prohibit importing garbage in 2017 because they contain harmful substances and have a bad influence on the environment of China. So the Garbage of Japan had nowhere to go and headed for Southeast Asia.



GARBAGE BANK in Indonesia

CONCLUSION

Our solution which we can carry out is "collecting used plastic stationeries". We can collect stationeries which are not used in the desk drawer to reuse them in class. Also, we donate collected stationeries to NGO *Jiyuzin*. *Jiyuzin* takes them to developing countries and gives them to local children. By doing this, we can reduce plastic waste.



The bank is operated by women in the community and financially supported by the municipal government. The bank has a good effect on garbage issues and the awareness of the locals for garbage waste is improved.

Plastic waste is not only a problem for us but also a problem for all living things around the world. So, each of us must consider plastic waste and take some action to solve this problem.

