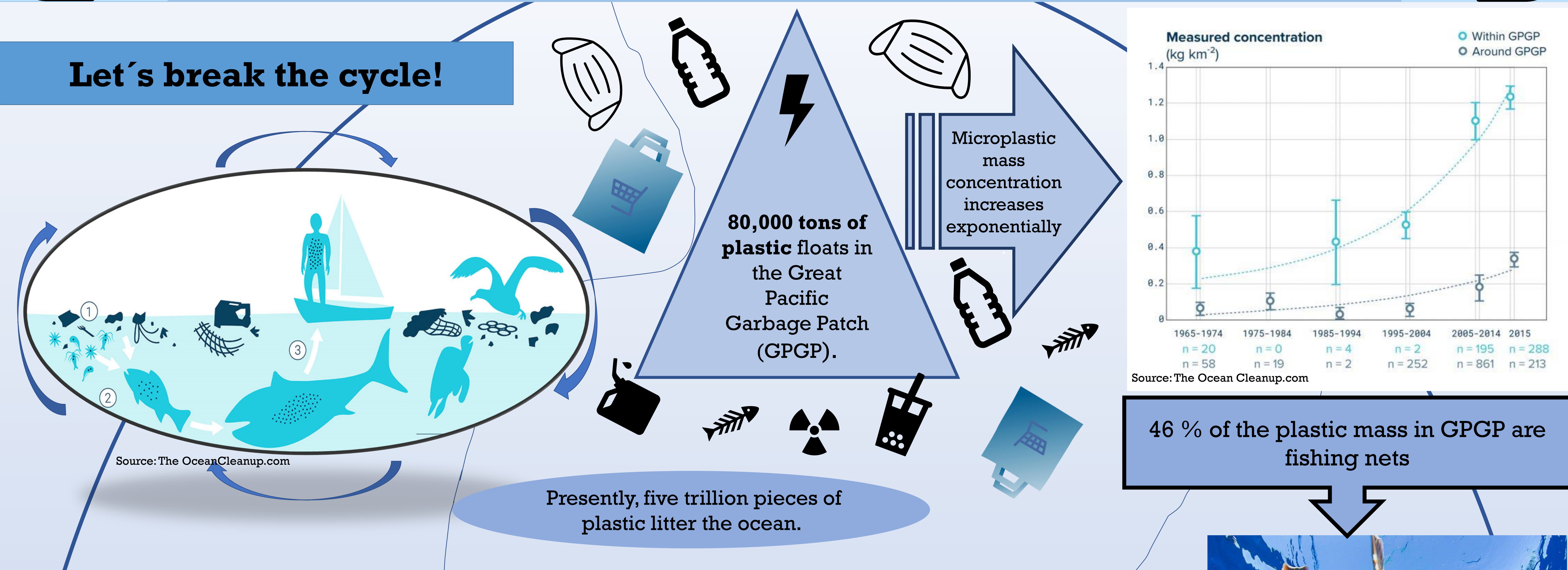




Say no to pollution and yes to solution!

The Ocean Cleanup







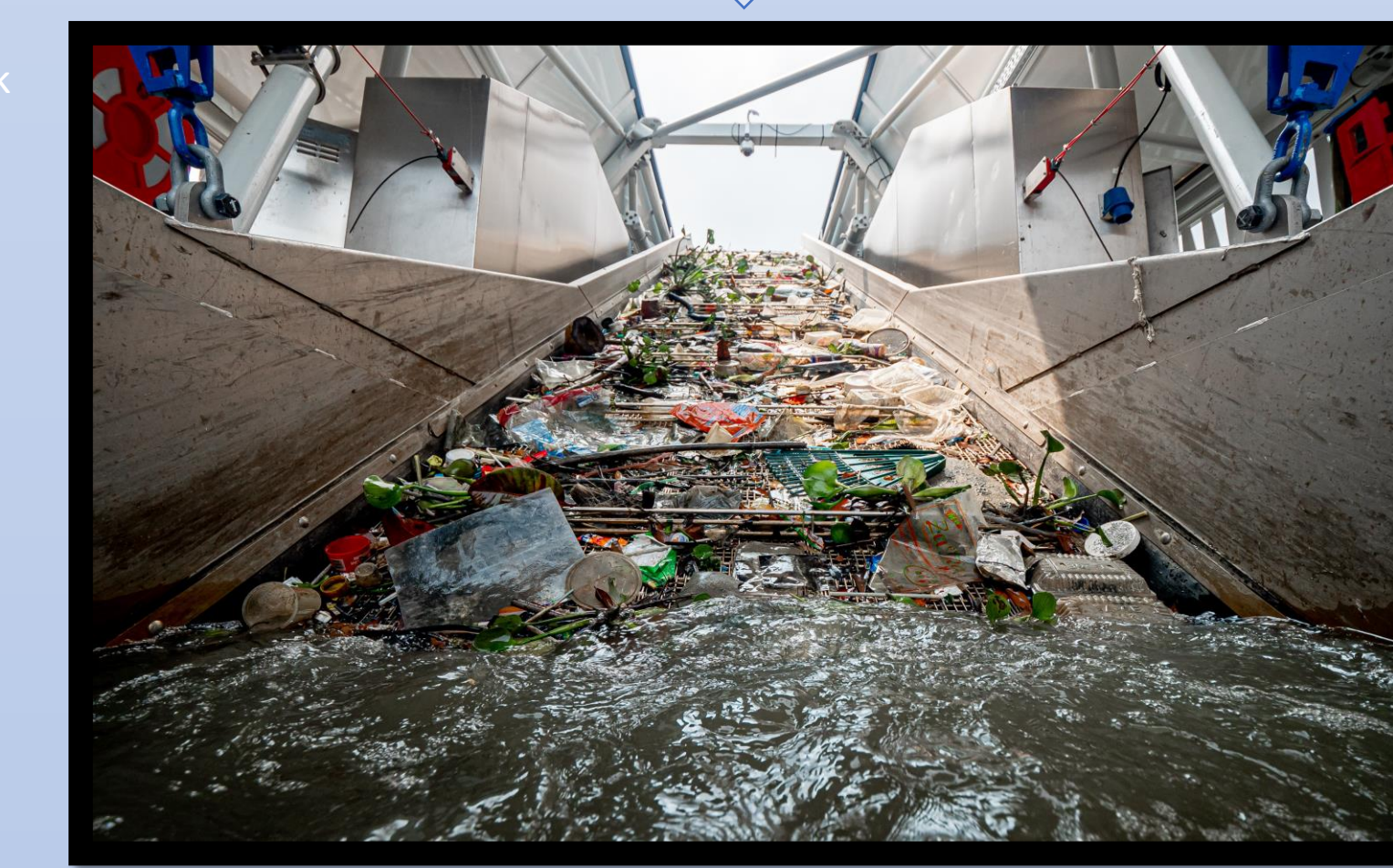

The Ocean Cleanup removes plastic from bodies of water by using developed advanced technologies. In 2013 Boyan Slat founded the organization and created a floating trash collector for plastic removal in the oceans and interceptors for rivers. The goal is to remove plastic from 1000 rivers in five years. Since rivers are the main source of plastic pollution in oceans, they need to be dealt with.

A single interceptor removes up to 110,000 pounds of plastic trash a day!

- 100 % solar powered
- Autonomous plastic extraction
- Large storage capacities: 50 M³
- Operates in Indonesia, Malaysia, Dominican Republic and Vietnam

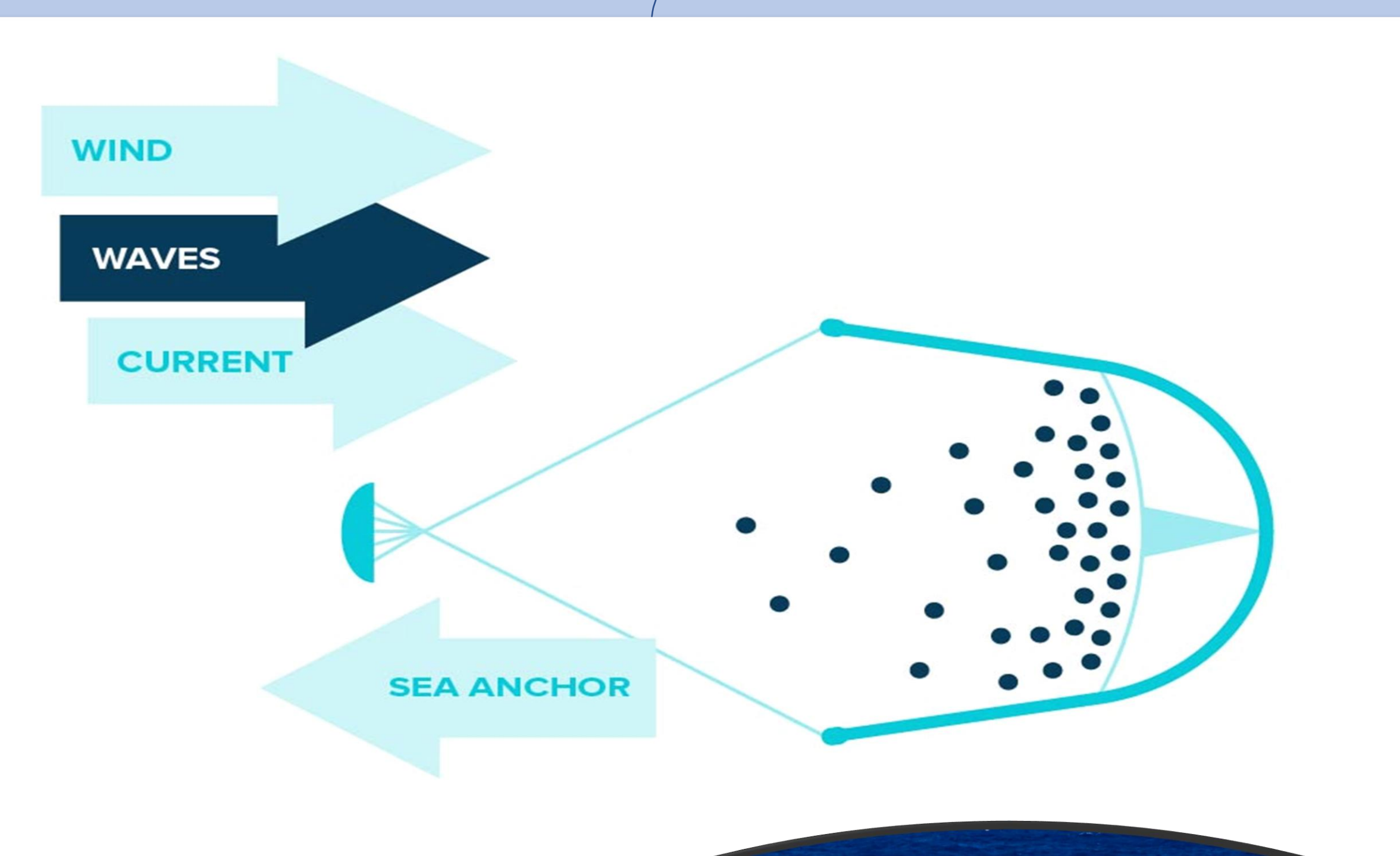
- Current moves litter onto a conveyor belt
- Containers are filled equally until they reach full capacity
- It sends a text message to local operators to remove the collected waste

- Interceptors are placed strategically
- Based on flow-velocity, the width of the river, presence of plastic, traffic and proximity to a delta



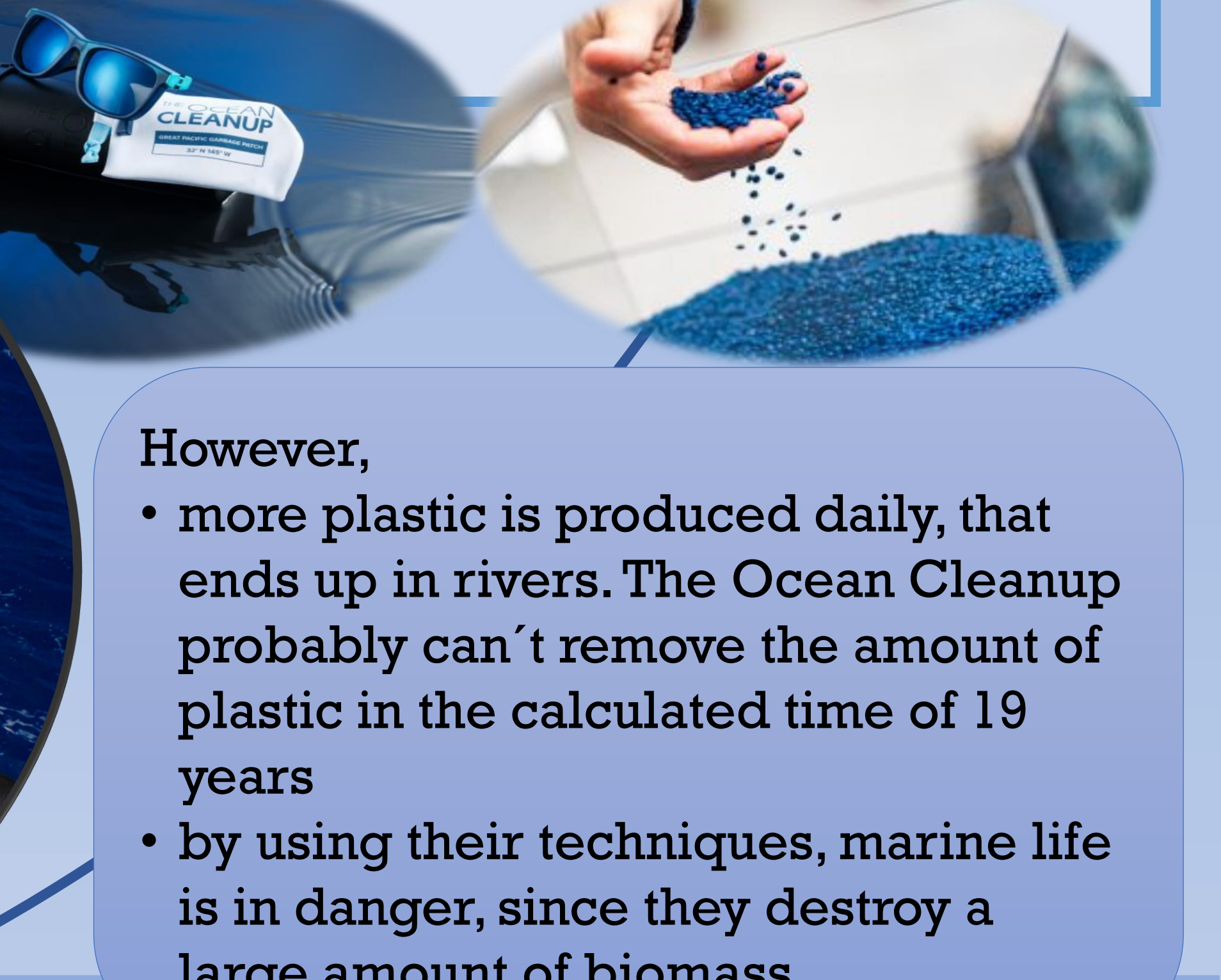
In five years, 50% of the GPGP could be cleaned up.

By 2040, 90 % of plastic waste could be removed in all oceans.



Source: The Ocean Cleanup.com

- Natural forces navigate the patches- wind, waves and current
- Sea anchor slows the system down to capture plastic
- Catches and retains plastic in the center of the system
- A vessel collects the plastic once the system is full
- Creating a product with the collected plastic
- The Ocean Cleanup Sunglasses are made of 95% recycled plastic from the Great Pacific Garbage Patch

However,

- more plastic is produced daily, that ends up in rivers. The Ocean Cleanup probably can't remove the amount of plastic in the calculated time of 19 years
- by using their techniques, marine life is in danger, since they destroy a large amount of biomass