MARINE DEBRIS





Photo Credit: Bo Eide, flickr commons

SEWERS





Photo Credit: khunter, flickr commons

RIVERS & STREAMS





Photo Credit: Caren Mack, flickr commons

BEACH





Photo Credit: Ben McLeod, flickr commons

COMMERCIAL FISHING





Photo Credit: kqedquest, flickr commons

DIRECT DISCHARGE





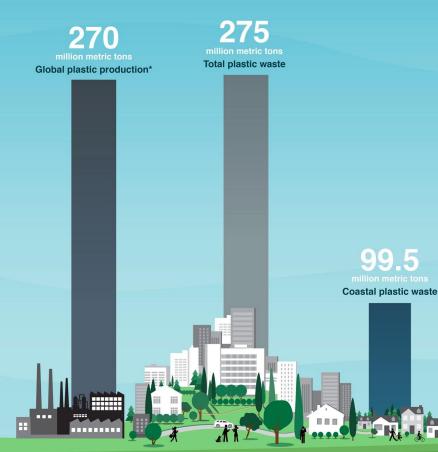
Photo Credit: Jag9889, flickr commons

COMMON TYPES





Photo Credit: New Ocean Blue, flickr commons



Plastic waste inputs from land into the ocean in 2010

The 192 countries with a coast bordering Atlantic, Pacific, and Indian oceans, Mediterranean and Black seas produced a total of 2.5 billion metric tons of solid waste. Of that, 275 million metric tons was plastic, and an estimated 8 million metric tons of mismanaged plastic waste entered the ocean in 2010.

Coastal mismanaged plastic waste



Million metric tons of plastic waste goes into the ocean

6.350-245.000 metric tons**

Generated by 2 billion people within 50 km (30 miles) of the coast

Mitigation options:

Reduce plastic in waste stream

Improve solid waste managment infrastructure

Increase capture

Estimated mass of plastic waste floating at the ocean surface

MICROPLASTICS





Photo Credit: Chesapeake Bay Program, flickr commons

MICROPLASTICS & MICROBEADS





SPECIES IMPACT





Photo Credit: Jim Gilbert, flickr commons

The best way to reduce trash?



DON'T CREATE IT IN THE FIRST PLACE!









FROM A GLOBAL CONCERN . . .



R2 TFW APPROACH



- Stakeholder partnership
- Workgroups
 - "PB5" (single-use plastic):
 - **B**ottles
 - **B**ags
 - Cigarette <u>B</u>utts
 - Food service Boxes
 - Micro<u>B</u>eads/microplastics
- Trash reduction projects

THE END THANK YOU

