

Climate change and plastic pollution: We are drowning in plastic!

Rivana Amelia



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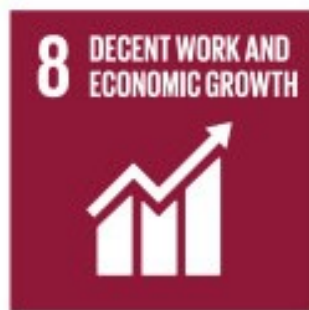
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**SUSTAINABLE
DEVELOPMENT
GOALS**





Let's do this!

gamethegoals.com

quizizz.com

[Kahoot.com](https://kahoot.com)

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We are drowning in plastic!



This is my country



This is my country

But also...



This is my country



We are drowning in plastic...

Let's watch another video

- <https://www.youtube.com/watch?v=ArYLGNe-jCA>

The Countries Polluting The Oceans The Most

Annual metric tons of mismanaged plastic waste and total amount ending up in global waters*



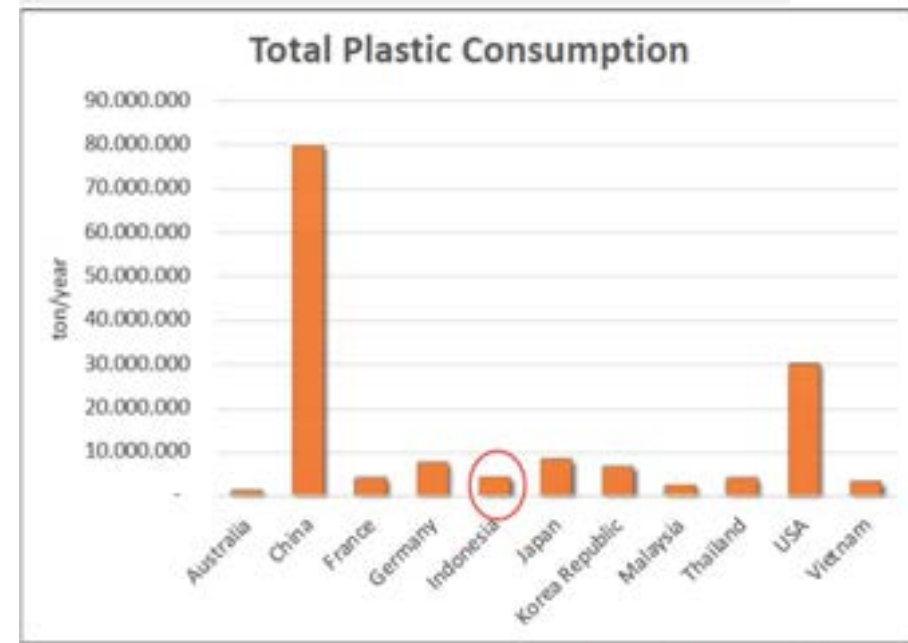
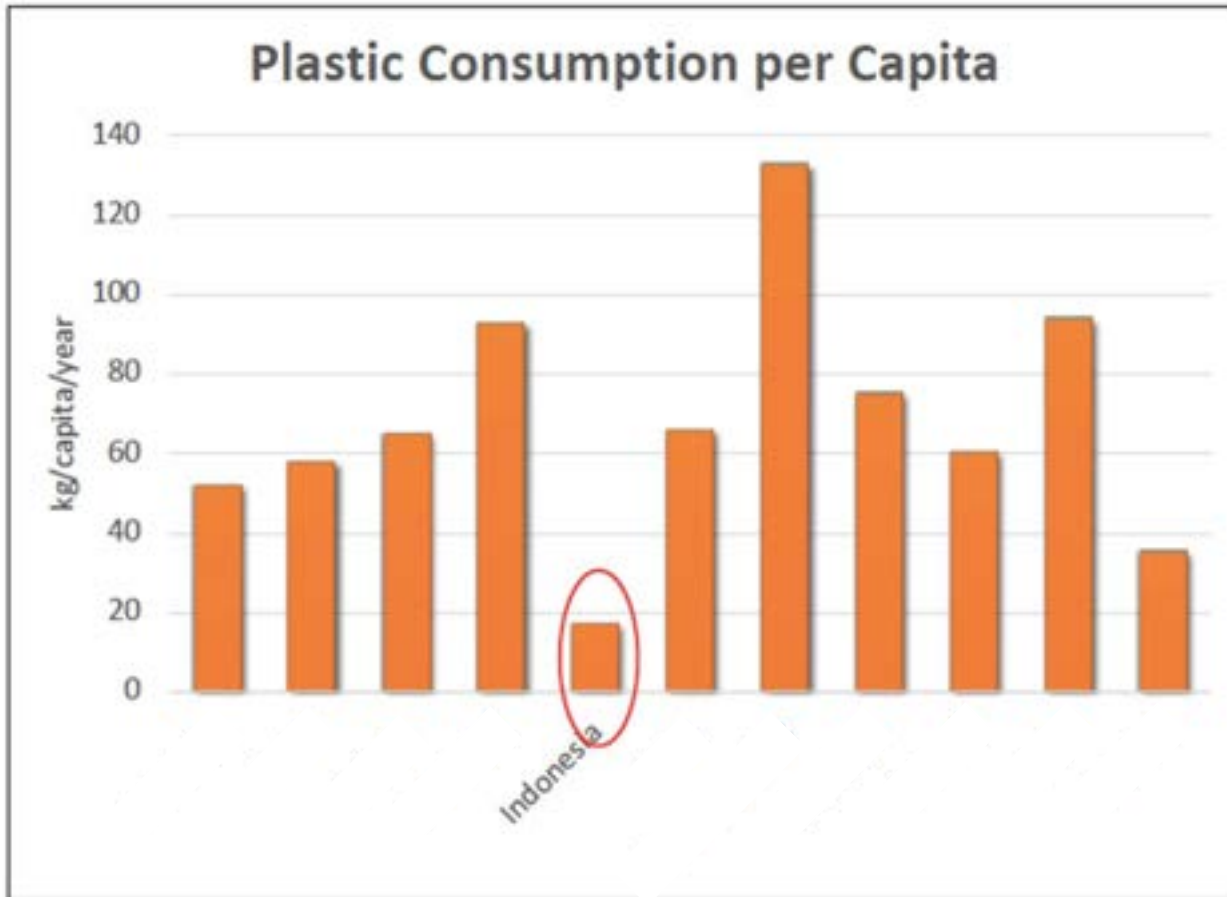
* Generated in 2010 (selected countries)
 Source: The Wall Street Journal

statista

Indonesia is ranked as the second biggest plastic polluters to the ocean in the world.

(Jambeck et al, 2015)

But the fact is our plastic consumption still relatively low!



Source : EUROMAP (2016)

So, What Challenges that We Face?

1. Design

2. Collection

3. Recycling Facilities

4. Policy (including law enforcement) &
Public Awareness

5. and also...

<https://www.youtube.com/watch?v=i03SA4YyEYU>

THE LIFE CYCLE OF PLASTIC



Plastic bag
20 Years



Coffee cup
20 Years



Plastic straw
200 Years



6-pack plastic ring
400 Years



Plastic bottle water
450 Years



Coffee pod
500 Years



Plastic cup
450 Years



Disposable diaper
500 Years



Tooth brush
500 Years

**Used once,
lasts forever...**



What's the danger?



Govt. Kuvvenhoven | GAINST PLVINO



‘Plastic is Accelerating the Climate Crisis’

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Working on Project

Group Discussion

- Prompted question
- 10 minutes group discussion
- Write down the answer on (padlet link)