

Department of Information Technology
<Design an eco-friendly alternative to single-use plastic straws>

Design Thinking (IT103L)
Activity Based Assessment
Detail Report



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The Straw Problem

Ecolnnovator

December 1, 2025



Join the Revolution!

Agenda

- Problem
- Solutions
- Impact
- The Future

EcoInnovator

Section 1: The Problem

The Plastic Straw Crisis

Marine Pollution

Plastic straws contribute significantly to marine wildlife injury and death.



EcoStraw Solutions

Sustainable alternatives can reduce plastic waste and protect marine life.

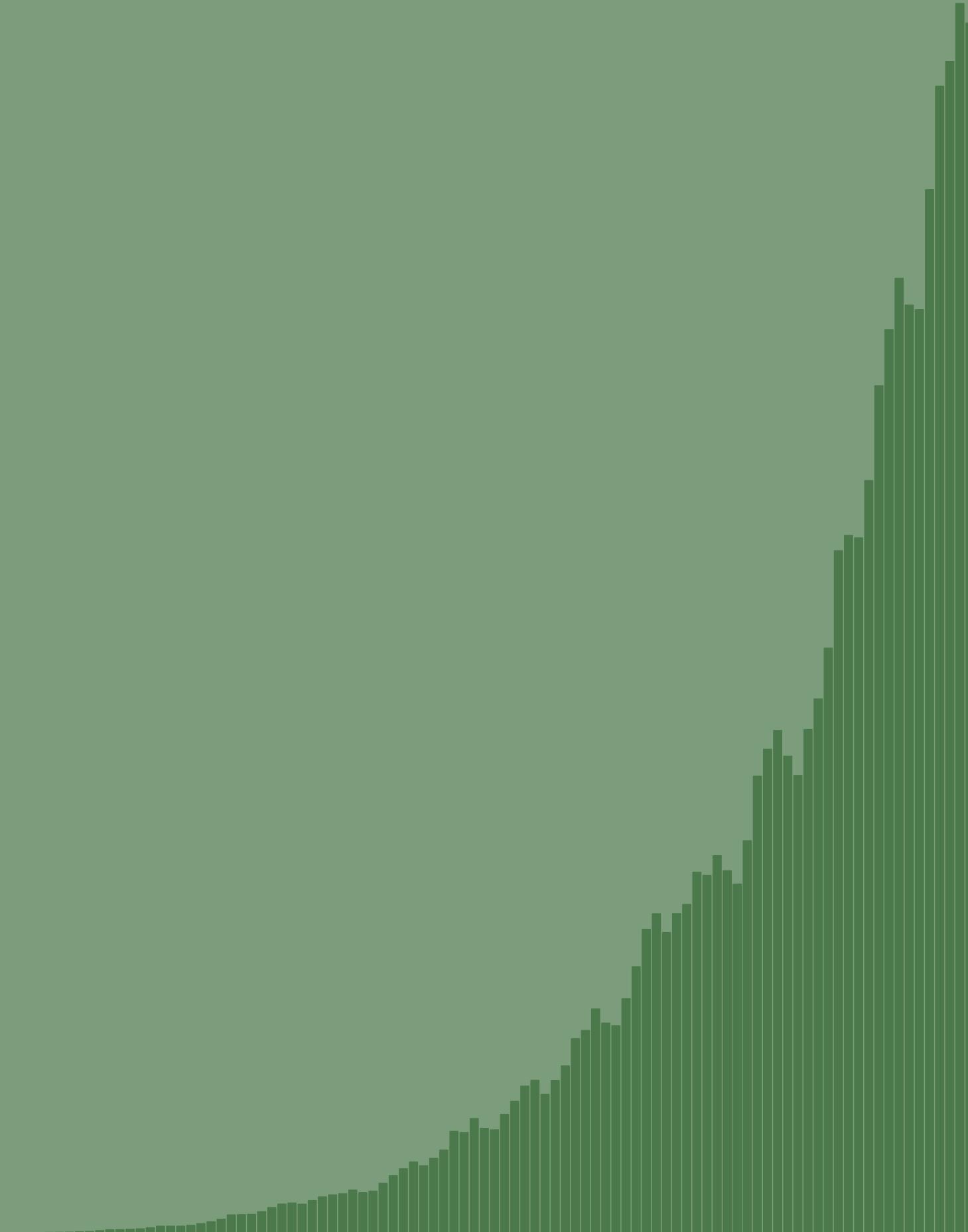


Plastic Straw Waste Today

500 million straws

8.3 billion

plastic straws in oceans



Solutions to Plastic Straws

Eco-Friendly Straw Alternatives

Bamboo Straws

Naturally durable and biodegradable, bamboo straws offer a sustainable option for eco-conscious consumers.



Metal Straws

Reusable metal straws are sturdy, stylish, and contribute to reducing single-use plastic waste significantly.



HEMP STRAWS

Versatile and Sustainable Solution

Hemp fibers offer a **renewable alternative** to plastic straws, providing durability and biodegradability while minimizing environmental impact in various applications.





Choose reusable
straws for a
sustainable future

Make the switch



Support local
businesses that
prioritize
sustainability

Shop local



Spread awareness
about eco-friendly
choices

Share the message

The Impact of EcoStraws

Reducing Pollution A Greener Future

Our eco-friendly straws represent a significant **step towards sustainability**. By replacing single-use plastics with biodegradable options, we contribute to a **measurable decline in ocean pollution**. This initiative aims to protect marine life and restore our beaches, fostering a cleaner and healthier environment for future generations.



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GLOBAL REACH

Map of Initiatives

This map showcases our programs' global footprint, highlighting key areas where EcoStraw Solutions has made an impact in reducing plastic waste and promoting sustainability.



Inspiring Change

"Be the change you wish to see in the world - every action counts towards a sustainable future."

Thank you!

For more information, contact us at hello@ecoinnovator.com or visit ecoinnovator.com.