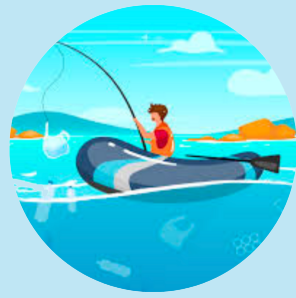


# SUSTAINABLE FISHING NETS

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## The Pollution Issue With Fishing Nets



### The issue?

Fishing gear accounts for roughly 10% of ocean pollution and 46% of the Pacific Garbage Patch.

### Why does this matter?

The long-lasting plastic pollution in the ocean not only harms life below water, but also can expose humans to toxins when eating seafood and effect coastal communities that rely on seafood as their primary meals.

Worldwide, it has been a struggle for humans to live alongside marine life without harming them. Many fishing products degrade the water with their improper disposal by many fisheries. Biodegradable products in place of these harmful products can save costs and promote well-being for people and for the ocean environment.

## How Fishing Nets Relate to the SDGs



**SDG 11**

Making the ocean environment more safe and sustainable not only for marine life but also for humans



**SDG 12**

Finding sustainable methods for fishing net production and consumption and managing its waste products



**SDG 14**

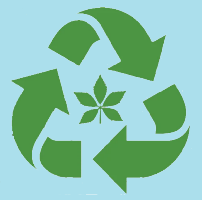
Developing sustainable fishing nets to conserve and sustainably use the oceans and marine resources



**SDG 17**

Effectice implementation of technology, ideas, and plans to improve the quality of fishing nets and their sustainable usage

# Our Alternative: Hemp



## What is Hemp?

Hemp is a strong biodegradable material that upholds strength in water which makes it a good option to use as fishing nets.

## Why hemp?

Not only has hemp already been used to replicate plastic, but it is also stronger than plastic and takes much less time to biodegrade.

## Time It Takes to Biodegrade Hemp Plastic

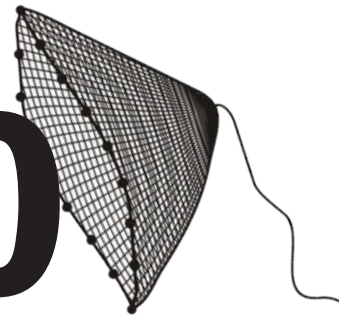


**COMPARED TO**

**1 = 600**

**nylon fishing net**

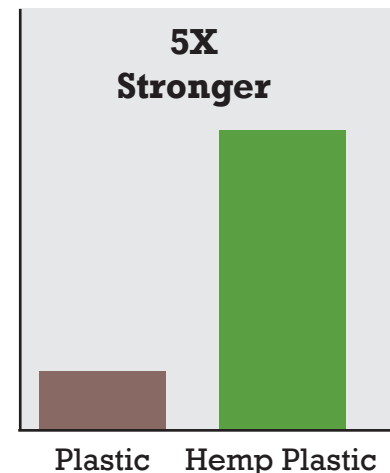
**years to biodegrade**



## Share Knowledge

More research on the viability of fishing net alternatives can help save and protect marine life. Organizations and communities can create change.

## Strength

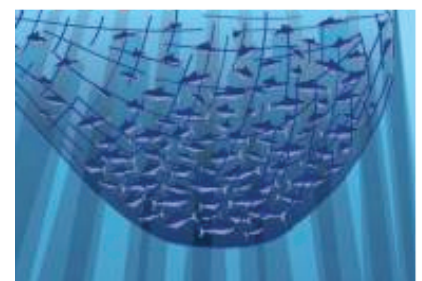
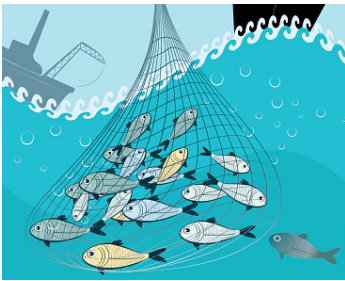


# Implementation

## Why Businesses Should Care

- Reduces ghost fishing which traps around 650,000 marine animals per year
- Create economic benefits through building new factories to make materials
- Good press for sustainable fishing practices
- Possible financial benefits through tax incentives

## Impacts of Ghost Fishing



Fisheries abandon fishing nets in the ocean and they drift out to sea.

The net finds its way to the bottom of the ocean and entraps more fish.

The net is freed and released back into the ocean stream to catch more fish, and the cycle continues.

## Our Goal

- Work towards reducing plastic pollution in the ocean
- Help contribute to a cleaner ecosystem for marine life
- Promote further research and educate others about this sustainable alternative

## References and Acknowledgements

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