

# Envipods: The Saviour

Team Eco Warriors: Abhinaya Kondi & Hairat Swami

Mentor: Akshay Bandekar

Lodha World School Palava



# The Plastic Issue

Common name: Plastic

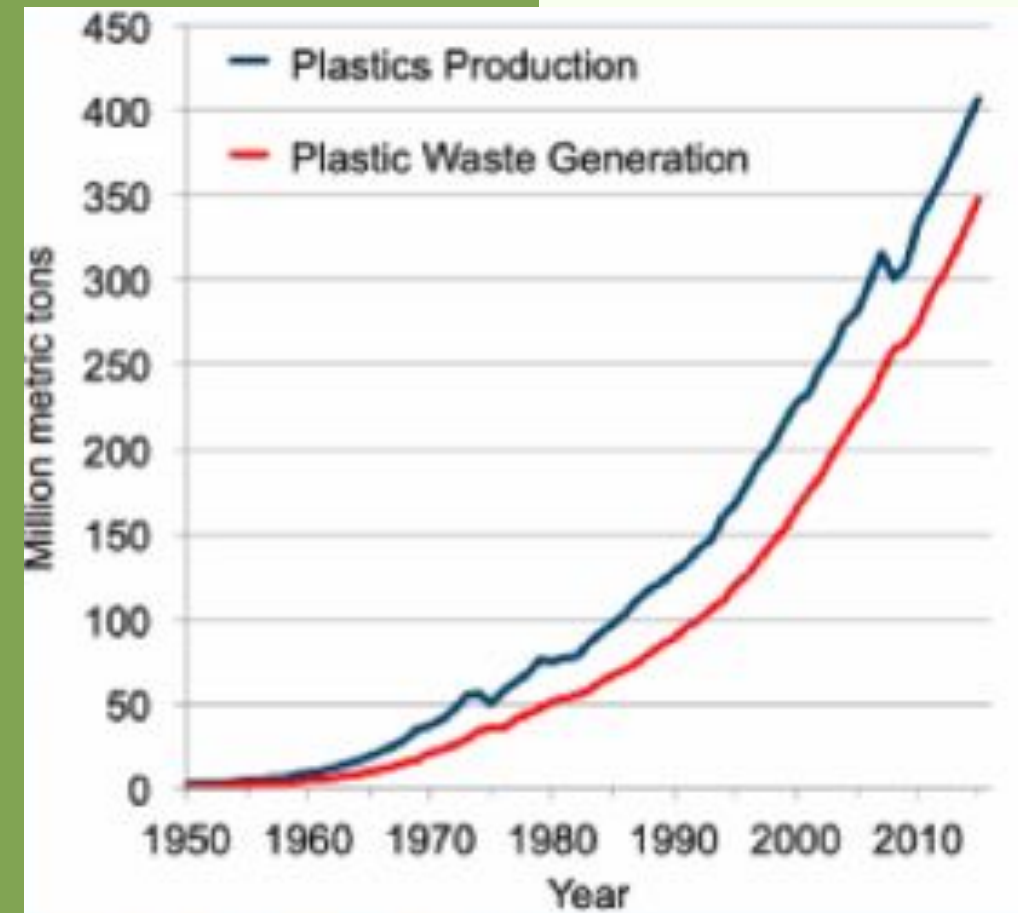
Full Name: Polyethylene

Date of Birth: 1907

Creator: Leo Baekeland

Uses: Uncountable; The major being

Offense: Slowly killing Earth



# Covid-19 Threats

2019-Present

## THE STOCKS WHICH SKYROCKETED DURING COVID

Masks, Gloves, Face shields, PPE Kits, Packaging materials and Sanitizer Bottles.



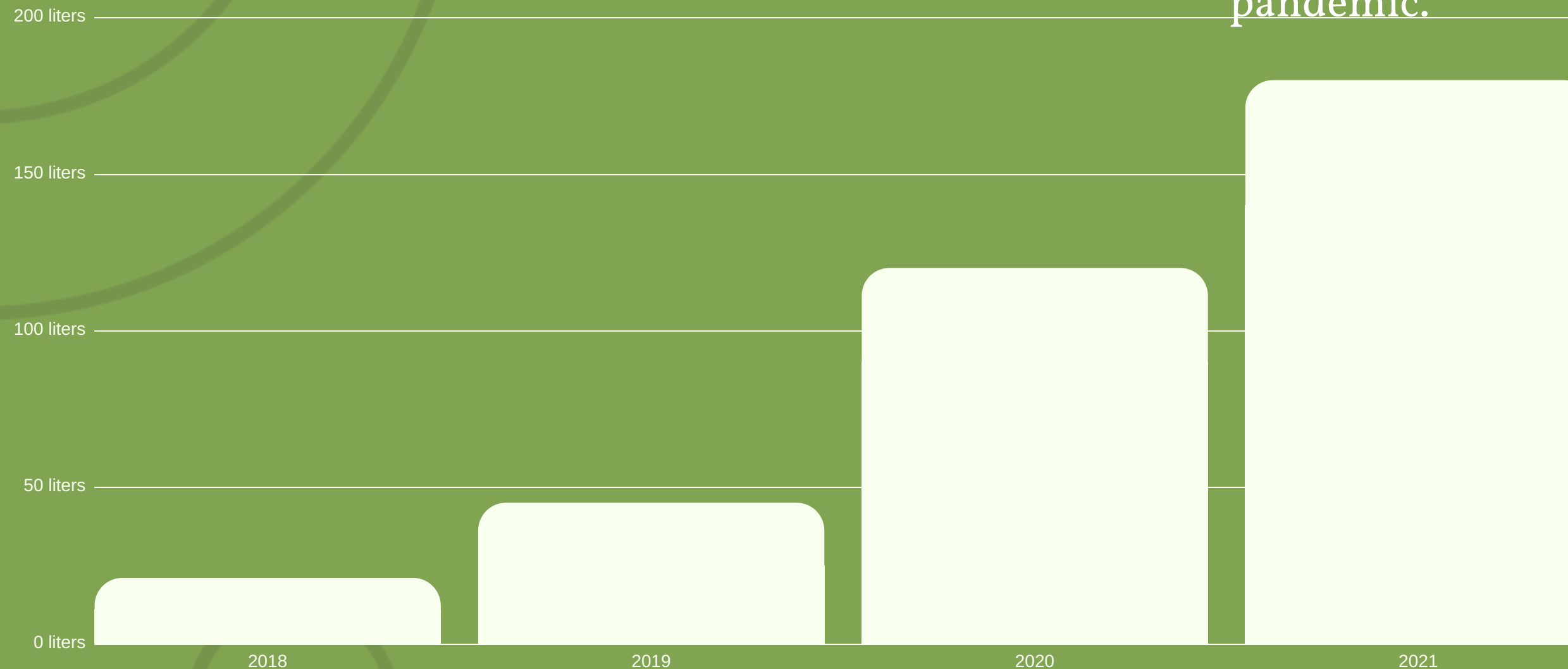
# The problem of Sanitiser Production solved!

Annual production of hand sanitiser in India during 2019 was of mere 10 lakh liters.

After the emergence of the COVID-19 pandemic, production raised to 30 liters per day.

1.6 million tonnes of plastic waste is generated per day worldwide since the outbreak.

About 2.4 billion single-use sanitiser bottles are discarded as a result of the pandemic.





# WHAT ARE ENVIPODS?



## SANITIZER BLOBS

The Envipods are sanitiser blobs formed from alcohol or non-alcohol based sanitisers using sodium aliginat and calcium chloride.



## ECO-FRIENDLY PAPER PACKAGING

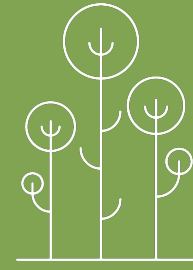
These blobs are stored in containers made of used paper and cardboard. As the sanitiser blobs are already placed inside a protective biodegradable capsule-like casing, the chances of the paper bottles causing any concerns are negligible.



## ENVIPODS

Envipods use 0% plastic. Till date, there has been no known 100% biodegradable sanitiser bottle. These paper bottles are a lot more inexpensive and convenient. This idea will be the first and a revolutionary one.





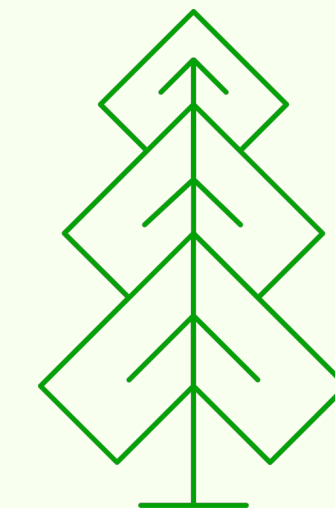
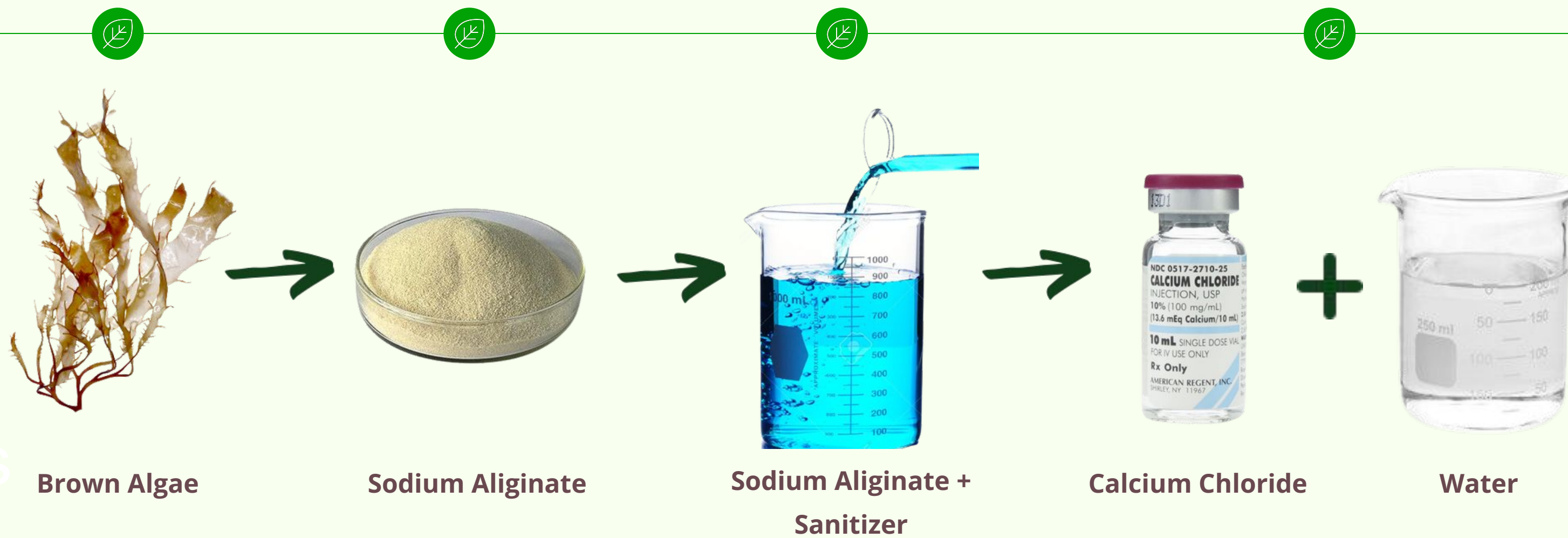
# THE PProcedure






Creating  
the  
Sanitizer Blobs

# Creating the Sanitizer Blobs





# Manufacturing the paper bottles





# Manufacturing the paper bottles

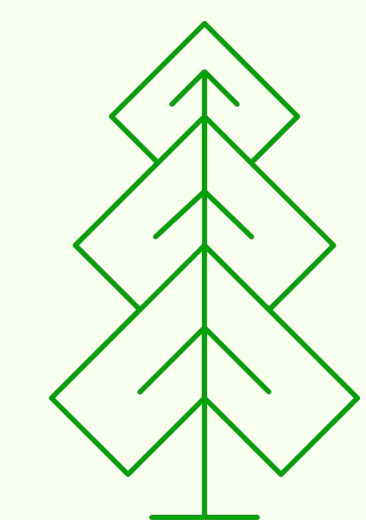


**Paper Waste**

**Pulper**

**Paper Sheets**

**Paper Container**



A circular graphic featuring a sunset sky with silhouettes of birds in flight. The text "The Final Solution" is overlaid in white. The sky transitions from a warm orange and yellow at the top to a deep blue at the bottom. The birds are scattered across the circle, with a cluster of five birds on the left side and a few others on the right.

# The Final Solution

# The Final Solution



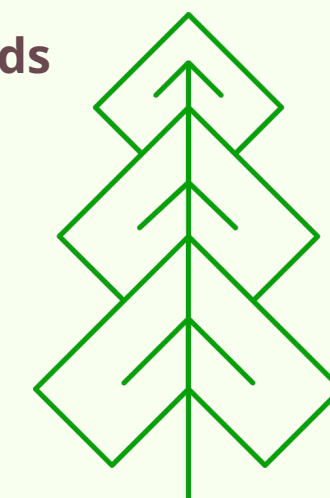
Sanitizer Blob

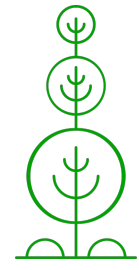


Paper Container



Eco-friendly Envipods





# PROS



# Cons

SUSTAINABLE PACKAGING

EASY TO CARRY AND USE

EMPLOYMENT OPPORTUNITIES

NATURAL AND SAFE

BIODEGRDABLE CARDBOARD: NOT  
SO ECO FRIENDLY

PLASTIC LOVING SOCIETY



THERE IS NO PLANET B