

## **PROBLEM**

SINGLE-USE PLASTIC RESIDUES STOCK-UP
IN LANDFILLS OR END UP IN THE OCEAN
CAUSING SEVERE DAMAGE TO OUR
MARINE WILDLIFE.

Currently, we can 't find an easy, accessible and 100% biodegradable alternative to replace single-use plastic items.

# **SOLUTION: ÞARAPLAST**

A BIOPLASTIC MATERIAL MADE OF SEAWEED AND FISH BY-PRODUCTS THAT CAN BE MOULDED, IS ENTIRELY BIODEGRADABLE AND FREE OF HARMFUL CHEMICALS.

#### VISION

THROUGH TECHNOLOGY, INNOVATION AND BY MAKING A SUSTAINABLE USE OF THE LOCAL AVAILABLE SEAWEED RESOURCES, WE WANT TO GET ONE STEP CLOSER IN CONTRIBUTING TO MAKE OF ICELAND THE FIRST PLASTIC-FREE COUNTRY.

## MARKET-ENTRY STRATEGY

MAREA WILL ENTER THE MARKET BY PROVIDING ICELANDIC FOOD CROP PRODUCERS WITH OUR BIODEGRADABLE PARAPLAST FOR THE PACKAGING OF ICELANDIC PRODUCE. EXPECTED BY 2021.

A seaweed-based bioplastic material that is completely biodegradable and provides a tangible solution for consumers and businesses to replace single-use plastic items.

## **MARKET**

- OVER 16.500 TONS OF PLASTIC ENTERED THE ICELANDIC MARKET IN 2019
- In 2019 the total produce harvest was over 11.500 tons which required an estimate of 28 tons of plastic for packaging
- WE'LL BEGIN BY PROVIDING LOCAL PRODUCERS
   WITH AN EFFICIENT SOLUTION TO MAKE THE
   SWITCH TO BIODEGRADABLE PACKAGING

# WHY ICELAND?

SEAWEED IS ONE OF THE
LARGEST UNEXPLOITED NATURAL
RESOURCES. IN ICELAND,
GEOTHERMAL SEAWEED
PROCESSING HAS BEEN
IN OPERATION FOR
OVER FIFTY YEARS.



#### **TEAM**



JULIE ENCAUSSE

BUSINESS DEVELOPMENT, MARKETING
AND BRAND MANAGEMENT.



EDDA BJÖRK

INNOVATION MANAGEMENT, SALES AND MARKETING.

#### **REVENUE MODEL - B2B**

## **TIMELINE**

WWW.MAREA.IS
INFO@MAREA.IS
+ 354 892 38 88

PRELIMINARY RESEARCH

PRODUCT DEVELOPMENT S PRE-MARKET TESTING & PRODUCTION

LAUNCH