

The background of the entire page is a high-resolution, close-up photograph of ocean waves. The water is a deep, vibrant blue, and the white foam of the breaking waves is prominent, creating a dynamic and textured visual. The lighting appears to be natural, highlighting the movement and energy of the sea.

# VJ TECHNOLOGY IMPACT REPORT

November 2022

**ocean  
bottle**

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**245 kgs**  
of ocean-bound  
plastic to be collected this  
month, thanks to you.

Hi **VJ Technology** team!

Thank you for turning the tide on ocean plastic.

The word “impact” can mean a lot of things to different people. For us, impact has always been about **measuring both the environmental and social good** that is enabled when you chose Ocean Bottle.

Take a look at your monthly report for November 2022!

**ocean  
bottle**

# IMPACT *BREAKDOWN TO DATE*



68

VJ Technology staff members refilled and recorded an impact



*+3% participation since October*



1,010 KGS

of ocean bound PET plastic collected, including **129 kgs**, thanks to recorded refills



*+32% plastic collected since October*



1

Community that benefitted from formal waste collection


OUR PARTNERS



ocean  
bottle



By next year **you** and  
your **employees** will be  
part of a **movement**  
collecting...

A close-up photograph of two hands holding a bright orange plastic bottle. The hands are positioned as if they are about to crush or have just crushed the bottle. The background is a solid blue color with a fine, pebbled texture. The lighting is bright, casting soft shadows on the hands and the bottle.

**720,525,000**  
**Plastic bottles**  
**by end of 2022\***

\*Ocean Bottle's goal together with its community

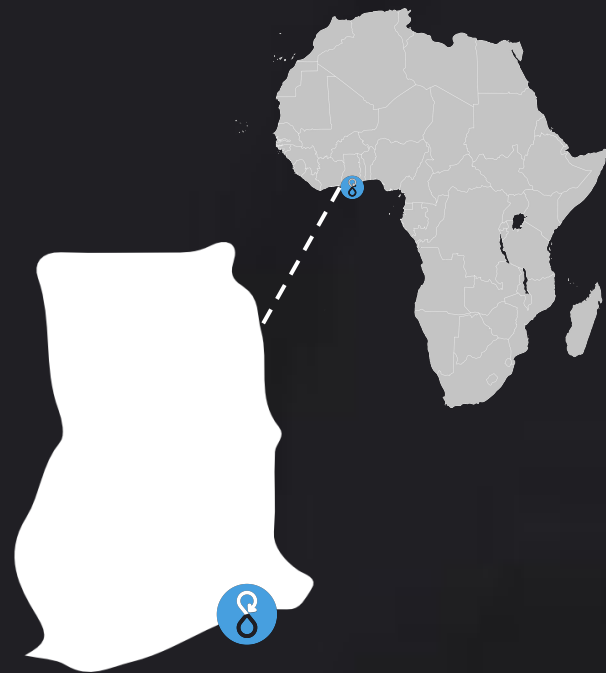
# WHERE YOU'RE *MAKING A DIFFERENCE*

## GHANA, ACCRA

According to The Economist, just less than half of plastic waste generated in Ghana is collected, and only about 5% is recycled. Ghana struggles to build lasting waste management infrastructure and the lack of access to drinking water on tap has created a great dependence on single-use plastic nationally.

## YOUR IMPACT

Born from a profound love for the sea and the lives it nurtures, this Impact Project is our effort to stop ocean-bound plastic waste from leaking into Accra's coasts, and protecting the Gulf of Guinea and its surrounding areas. Through this project, PET bottles that would otherwise be bound for marine ecosystems along the coast of Ghana are collected and processed for recycling.



### Project Type

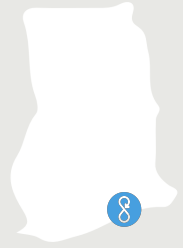
Collection and Recycling of  
PET Material

### Location

Ghana, Accra

ocean  
bottle

# PROJECT *HIGHLIGHTS*



## **Type of Project**

Ocean-bound PET plastic collection and recycling.

## **Polymer Types**

Polyethylene Terephthalate; Grade #1.

## **Collection Sources**

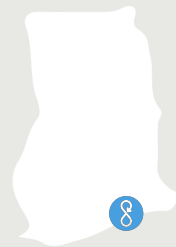
Buyback centres, waste collectors.

## **Plastic waste recovery processes**

Mechanical Recycling into PET flakes.

# YOUR IMPACT

## *COLLECTION & RECYCLING PROCESS*



### **Collection Sources**

From coastal communities, beaches, and dumpsites



### **Primary Sorting**

Primary collection and sorting occurs at the buyback centres



### **Processing at MRF**

De-labelling of PET bottles, sorting by colour and cap removal and crushing of PET into flakes



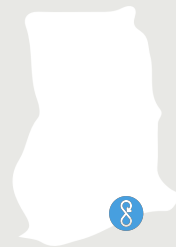
### **Recycling**

Crushed PET flakes are exported to factories for conversion into new products



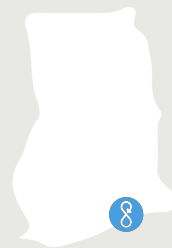
# YOUR IMPACT *IN PICTURE*

## Collection Sources





# YOUR IMPACT *IN PICTURE*



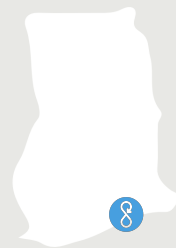
Collection Process



Offloading



# YOUR IMPACT *IN PICTURE*



Sorting & De-Labeling

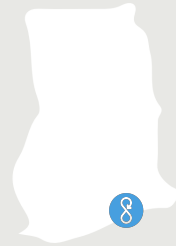


Cap Removal & Colour Sorting





# YOUR IMPACT *IN PICTURE*



Crushing, Washing & Drying Of Flakes



Finished Product



# OCEAN HEROES

This month, VJ Technology's Top 10 Ocean Heroes are:

1. Ellie (42 refills)
2. Matt D (36 refills)
3. Christian (35 refills)
4. Roxanne (33 refills)
5. Ciaran (20 refills)
6. Farid (17 refills)
7. Tim (10 refills)
8. Georgia (6 refills)
9. Barry (6 refills)
10. Paula/Kate/Alvin/Rafael (5 refills)

**Make sure to shout them out!** 🙌🙌🙌🙌🙌







THANK YOU  
VJ TECHNOLOGY

ocean  
bottle