

# CIRCULAR ECONOMY FOR HEALTHY OCEANS

PRESENTED BY FRANCOIS LESAGE,  
THE PLASTIC FLAMINGO



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**THE PLASTIC CRISIS**

**WASTE MANAGEMENT PERSPECTIVES**

**PLASTIC RECYCLING SOLUTIONS**



BY 2050, THERE WILL BE

# MORE PLASTIC THAN FISH

IN THE OCEAN



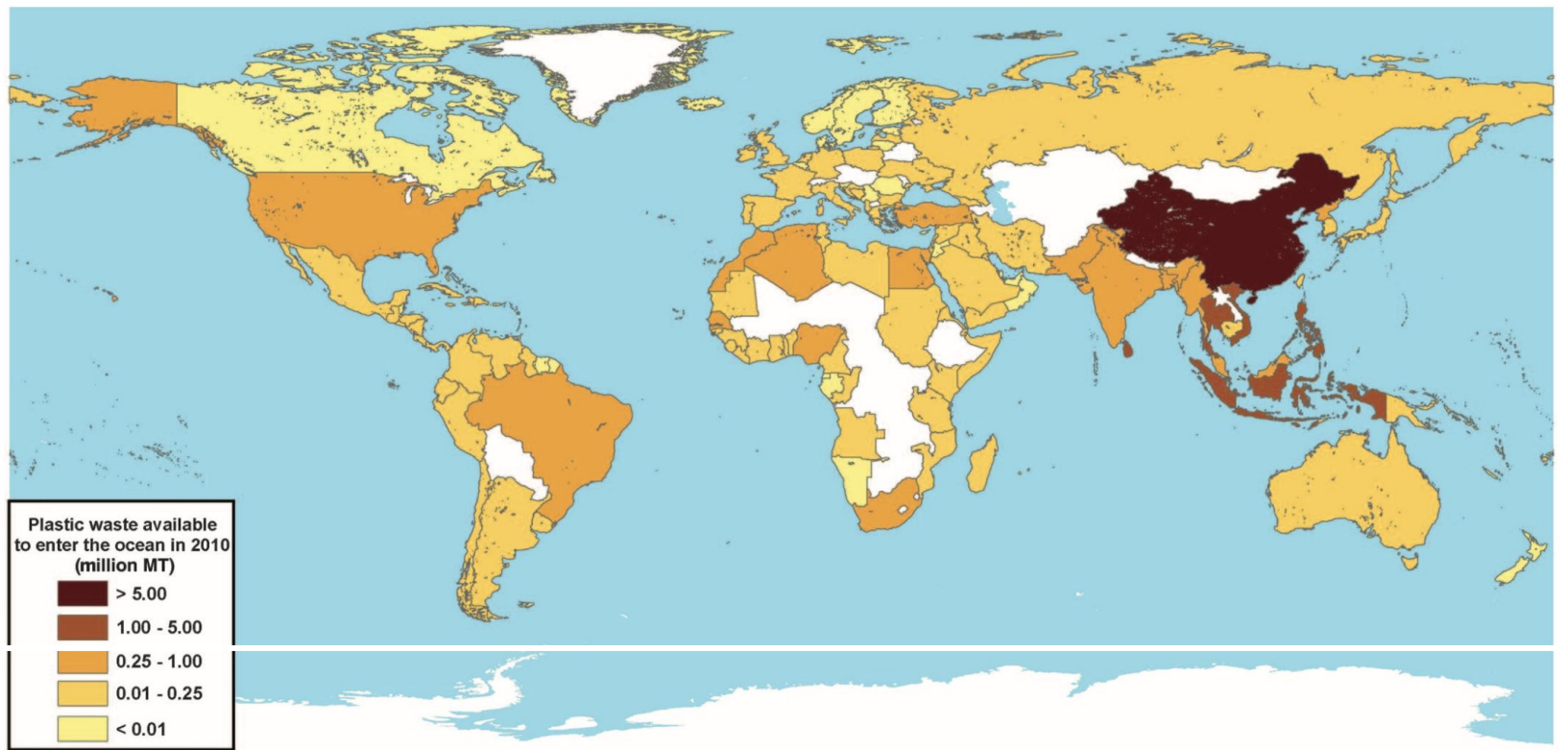
# 1 TRUCKLOAD OF WASTE PER MINUTE

DUMPED INTO THE  
OCEAN





# 80% OF MARINE PLASTIC WASTE HAS ORIGINATED FROM ASIA






THE PLASTIC CRISIS HAS

# CATASTROPHIC CONSEQUENCES

FOR THE  
ENVIRONMENT



**THE IMPACTS OF MARINE  
POLLUTION COST THE  
WORLD AT LEAST**

**US\$8 BILLION**

PER YEAR



# THERE ARE 7 MAIN TYPES OF PLASTICS FOR VARIOUS APPLICATION

 PET	  	<b>WATER AND SOFT DRINK BOTTLES, SALAD DOMES, BISCUIT TRAYS, SALAD DRESSING AND PEANUT BUTTER CONTAINERS</b>
 HDPE	  	<b>MILK BOTTLES, FREEZER BAGS, DIP TUBS, CRINKLY SHOPPING BAGS, ICE CREAM CONTAINERS, JUICE BOTTLES, SHAMPOO, CHEMICAL AND DETERGENT BOTTLES</b>
 PVC	 	<b>COSMETIC CONTAINERS, COMMERCIAL CLING WRAP</b>
 LDPE	  	<b>SQUEEZE BOTTLES, CLING WRAP, SHRINK WRAP, RUBBISH BAGS</b>
 PP	 	<b>MICROWAVE DISHES, ICE CREAM TUBS, POTATO CHIP BAGS, AND DIP TUBS</b>
 PS	 	<b>CD CASES, WATER STATION CUPS, PLASTIC CUTLERY, IMITATION 'CRYSTAL GLASSWARE', VIDEO CASES</b>
 EPS	  	<b>FOAMED POLYSTYRENE HOT DRINK CUPS, HAMBURGER TAKE-AWAY CLAMSHELLS, FOAMED MEAT TRAYS, PROTECTIVE PACKAGING FOR FRAGILE ITEMS</b>
 OTHERS	 	<b>WATER COOLER BOTTLES, FLEXIBLE FILMS, MULTI-MATERIAL PACKAGING</b>



YEAR'S WORTH OF SACHET  
USE IN THE PHILIPPINES  
CAN COVER

# ENTIRE METRO MANILA

1 FOOT DEEP IN PLASTIC  
WASTE

# THE 'JUNKSHOP OR LANDFILL MODEL' IS PREDOMINANT IN **ASIA**







ALTERNATIVES TO  
LANDFILL DISPOSAL EXIST  
TO DEAL WITH PLASTIC  
WASTE:

**WASTE TO ENERGY**

**RECYCLING**



# 90% OF RECYCLED PLASTIC FLAKES

PRODUCED IN THE  
PHILIPPINES ARE EXPORTED,  
MAINLY TO CHINA



# THE RECYCLING SECTOR REMAINS POORLY DEVELOPED IN THE PHILIPPINES

Production of plastic flakes & pellets for export

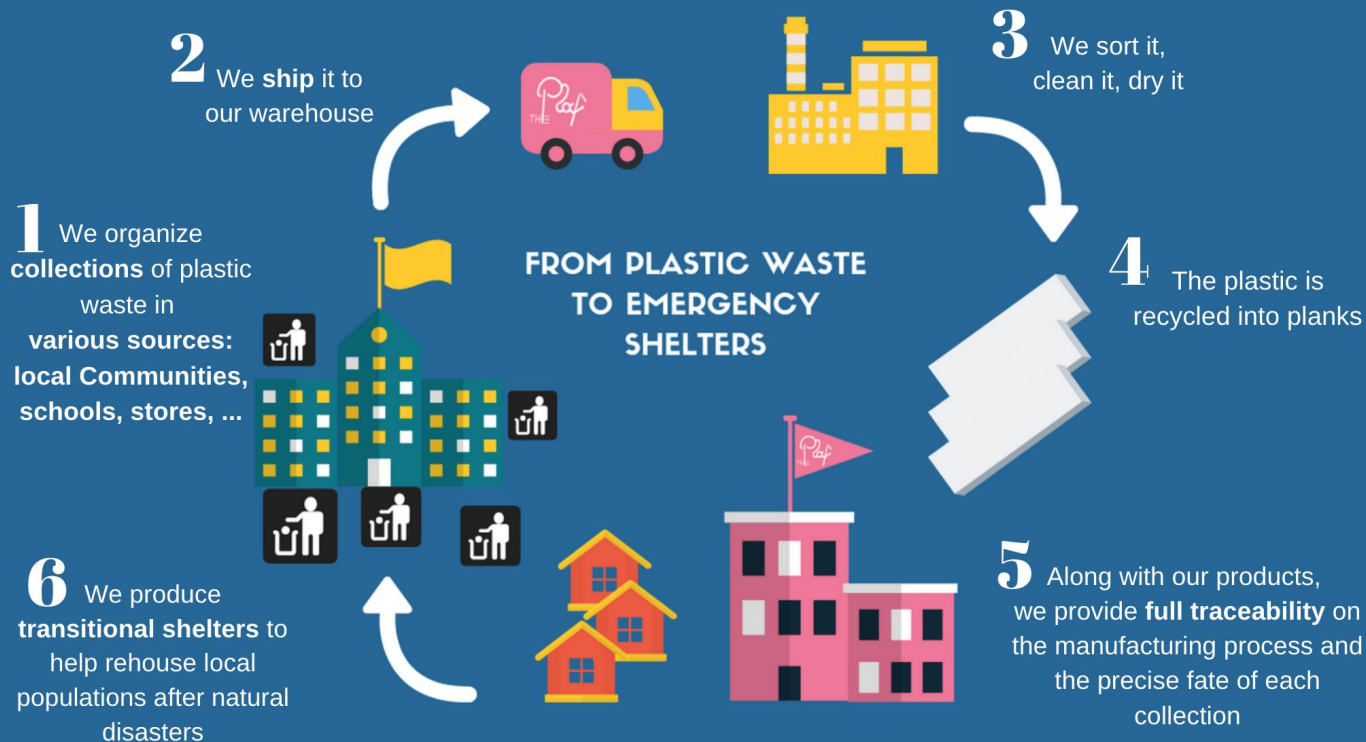
Local manufacturing of recycled plastic products



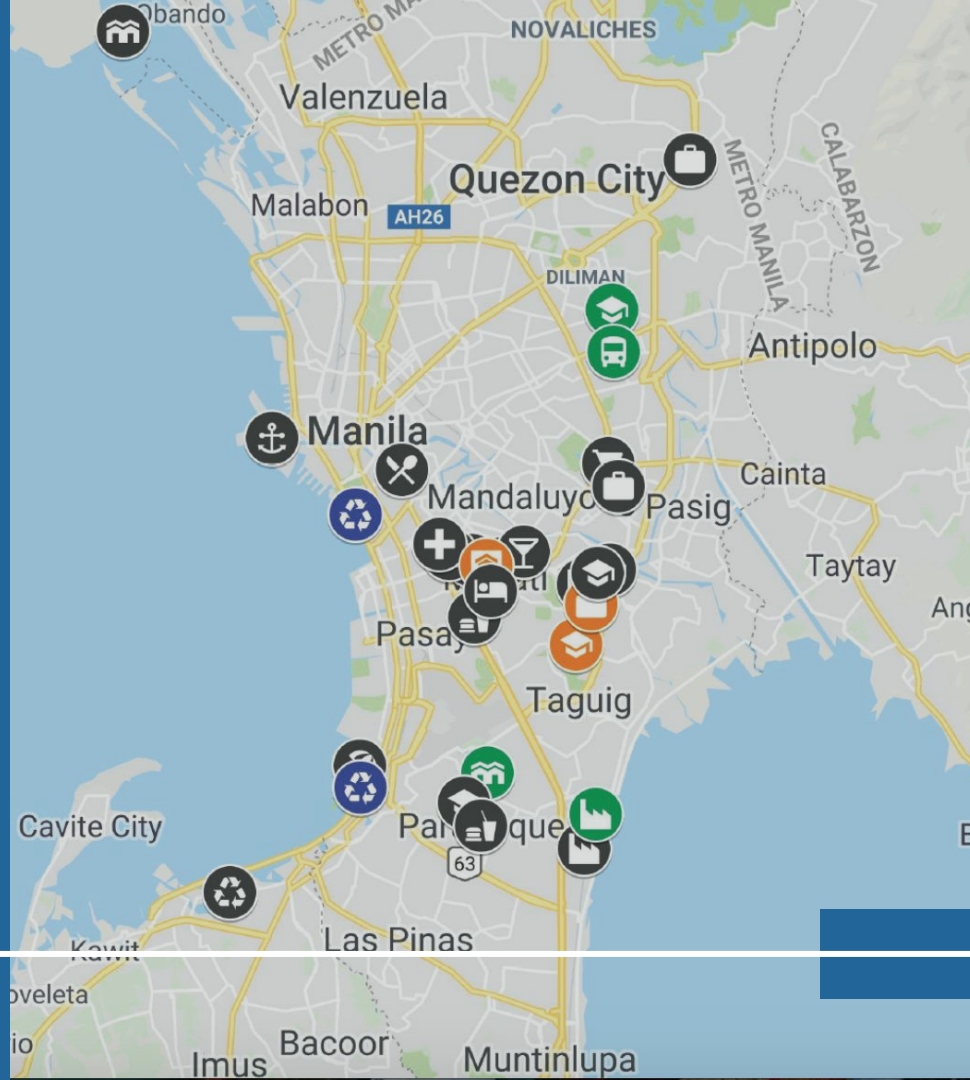


# A SOLUTION THAT IS NOT YET DEVELOPED IN **ASIA**: RECYCLED PLASTIC PROFILES

# THIS IS WHERE WE COME IN



# WE MANAGE A LARGE NETWORK OF COLLECTION POINTS





WE **SORT** AND  
CLEAN THE  
PLASTIC AND  
**PREPARE** IT TO BE  
RECYCLED





# THE PLASTIC IS RECYCLED INTO PLANKS

# THE PLANKS ARE THEN CRAFTED TO BECOME **NEW** **PRODUCTS**







# WE BUILD EMERGENCY SHELTERS SUITABLE TO REMOTE VILLAGES NEEDS

# **A PILOT PROJECT IN PROGRESS IN THE PHILIPPINES WITH A BUDGET OF ONLY 100,000 €**

**COLLECTION POINTS NETWORK**

**RECYCLING OPERATIONS**

**PRODUCT DEVELOPMENT**



WITH PROPER INVESTMENT, OUR  
TARGET 2021 IS

**10,000 TONS RECYCLED  
PER YEAR**

IN OUR PLANT IN THE PHILIPPINES

WE THEN PLAN TO **REPLICATE  
OUR MODEL** IN OTHER ASIAN  
COUNTRIES



# OUR TEAM



FRANÇOIS LESAGE,  
COFOUNDER & CEO



CHARLOTTE LESAGE,  
COFOUNDER & CMO



TIMOTHÉE DESABRES,  
BUSINESS DEVELOPPER



RALPH CUAZON,  
CHEMICAL INGENEER



FRANKLIN LOBRY,  
PARTNERSHIPS OFFICER



ADRIEN BOCQUIER,  
FINANCE OFFICER



CAMILLE HÉRISSON,  
LOGISTICS OFFICER

# THANK YOU

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# COMPENSATE YOUR EMPLOYEES' PLASTIC FOOTPRINT

**300 ₱/employee**  
**Go Plaf'tic neutral!**

- ✓ Metro Manila inhabitants produce **6 kg plastic waste every month**
- ✓ Finance the collection of the **exact same amount** in the Plaf'points at a rate of **50 ₱/kg**





# BECOME A COLLECTION POINT

**Collect your own  
Plastics!**

- ✓ We provide **Jumbo Bags** and **Plaf'Bins**
- ✓ We give **full traceability** and ensure **local recycling** of your waste

*Call us once your Jumbo Bags are full.  
We come to collect!*

