



PRODUCT CATALOG

From waste to object



Recycling Factories Senegal ●

2025 ●

Who we are ●



Plastic Odyssey Factories was born from the experience and observations made during the Plastic Odyssey expedition's stopovers around the world since 2022.

Inspired by local solutions and needs identified on the ground, these Factories condense, in a container, all the machinery needed to transform plastic waste into new materials or useful objects.

This concept makes **recycling technologies accessible and reproducible**, while supporting local communities.



Directly connected to the expedition, Plastic Odyssey Factories reflects the project's commitment to sharing concrete, sustainable solutions **to combat plastic pollution on a global scale.**

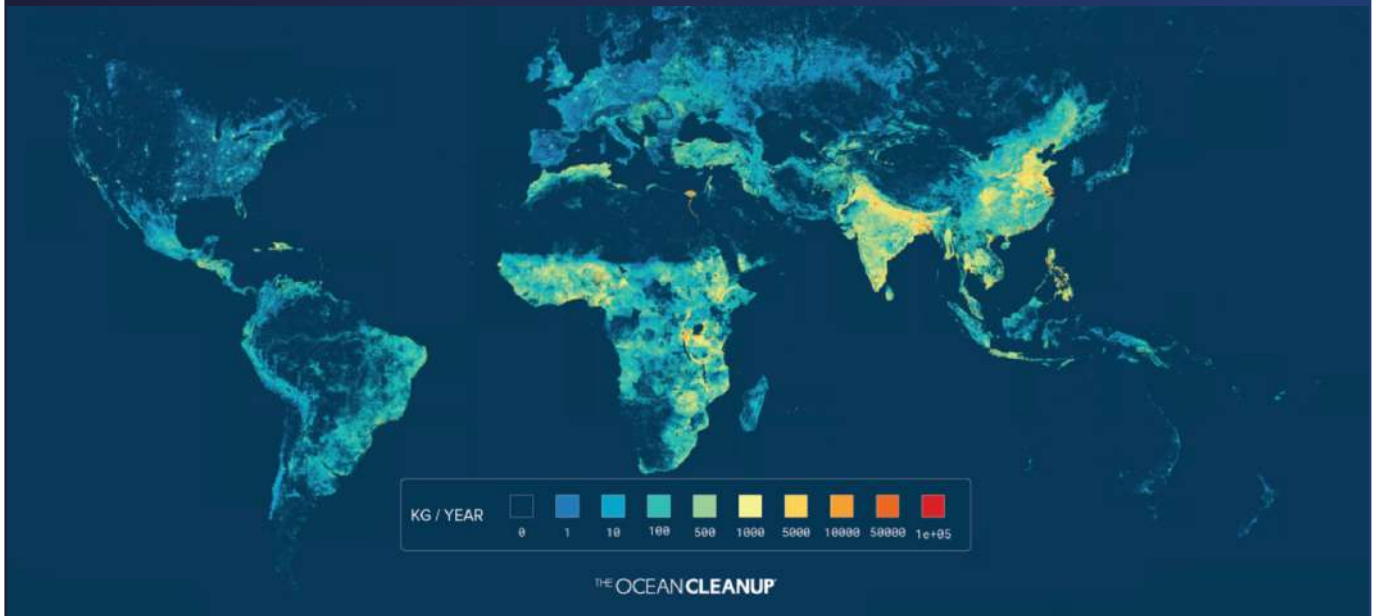


Challenges ●

Where does ocean plastic come from?

EVERY YEAR, HUMANITY PRODUCES
350 **MILLIONS**
OF TONS OF
PLASTIC WASTE

source : OECD (2022), Global Plastics Outlook : Economic Drivers, Environmental Impacts and Policy Options



Every minute **19** **ARE**
TONS **DUMPED**
OCEAN **INTO THE**

source : OECD (2022), Global Plastics Outlook : Economic Drivers, Environmental Impacts and Policy Options

**If we do nothing, by 2050 there will be more
plastic than fish in the ocean.**

Our concrete solutions ●



**Raising awareness
of plastic pollution**
Social Engineering



**Collection, traceability and
sorting of plastic waste**



**Production and sale of
furniture and pavers**



**Plastic waste reduction
consulting**



**Construction & deployment of
franchised recycling factories**
Pioneering low-tech technology



**Training and integration of
young people**
Employability

CLEAN UP THE PAST

Plastic Odyssey develops simple, open-source technologies to transform plastic waste into resources.



BUILD THE FUTURE

Plastic Odyssey is working on a number of awareness-raising programs aimed at the populations most affected by plastic pollution.

Social

- **Create sustainable jobs** through the development of local industries.
- **Produce know-how and train** the younger generation.
- Giving communities the **means to clean** up their living environment.



Environmental

- **Putting a value on plastic waste** to encourage collection.
- **Offset the cost of collection** in remote areas in need of protection with plastic credits.
- **Set up small treatment units** in rural or remote areas to clean up the environment.

« Plastic Odyssey has played a very important role in the rapid and efficient development of BGS Recyplast. Thanks to our partnership, we have built a plant that is perfectly adapted to the needs of my customers, enabling us to meet market demands and maintain sustained growth. »

Mariam Keita,
recycling entrepreneur in Guinea
bgsrecyplast.com



Our Recycling Factories ●

Simple, containerized recycling plants run by local entrepreneurs

**Making valuable finished products
from dirty plastic waste**



Key figures

A recycling factory enables :

- **Support and train entrepreneurs** to ensure their long-term empowerment;
- To process between **200 and 600 tonnes** of plastic waste per year;
- Create around **15 local jobs and train young people** in the recycling trade;
- **Raising awareness of plastic waste** issues in entire towns and villages;
- **Generate economic value** through the circular economy.

Product catalog ●

From waste to object

Discover the first recycled plastic products made by Plastic Odyssey Factories at their workshop in Dakar, Senegal.

The waste is sorted, crushed, washed, dried, heated and molded. They then pass through the plastic joinery workshop to be transformed into objects.



These products are offered for sale to individuals, companies and institutions. If required, we can also manufacture made-to-measure furniture.

Our products are available in several colors:



Grey

Similar to RAL 7000/7005/7023



Green

Similar to RAL 6005/6028



Black

Similar to RAL 7016/7021



Blue

Similar to RAL 5001/5007



Brown

Similar to RAL 8011/8017



Red

Similar to RAL 3016/3031

ARMCHAIR ALMADIES

Ref. POF-F01



Dimensions (cm): Length: 57, Width: 90, Height: 74 | **Weight:** 28kg

SOFA ALMADIES

Ref. POF-C01



Dimensions (cm): Length: 57, Width: 160, Height: 74 | **Weight:** 41kg



COFFEE TABLE ALMADIES

Ref. POF-To1



Dimensions (cm): Length: 100, Width: 59, Height: 48 | **Weight:** 27kg

ALMADIES Set



CHAIR OUKAM

Ref. POF-CH01



Dimensions (cm): Length: 44, Width: 39, Height: 100 | **Weight:** 13kg

TABLE OUKAM

Ref. POF-T02



Dimensions (cm): Length: 175, Width: 100, Height: 80 | **Weight:** 72kg



EAT STANDING UP SALY

Ref. POF-MD01



Dimensions (cm): Length: 54, Width: 72, Height: 104 | **Weight:** 38kg



HIGH CHAIR TOUBA

Ref. POF-CH02



Dimensions (cm): Length: 45, Width: 45, Height: 100 | **Weight:** 12kg

PARK BENCH DAKAR

Ref. POF-BPo1



Dimensions (cm): Length: 170, Width: 46, Height: 75 | **Weight:** 49.5kg

PALETT HANN

Ref. POF-PALo1



Dimensions (cm): Length: 80, Width: 120, Height: 20 | **Weight:** 35kg



GARBAGE CAN MALIKA

Ref. POF-P01



Dimensions (cm): Length: 54, Width: 124, Height: 84 | **Weight:** 83.5kg



GARBAGE CAN NDAKARU

Ref. POF-P02



Dimensions (cm): Length: 37, Width: 37, Height: 70 | **Weight:** 17kg

TRANSAT CASAMANCE

Ref. POF-TR01



Dimensions (cm): Length: 170, Width: 78, Height: 90 | **Weight:** 62.5kg

STOOL PIKINE

Ref. POF-TBR01



Dimensions (cm): Length: 40, Width: 40, Height: 50 | **Weight:** 13kg



SOCCER CAGES TERANGA

Ref. POF-CDF01



Dimensions (cm): Length: 60, Width: 120, Height: 80 | **Weight:** 31kg



SHELF JOAL

Ref. POF-F01



Dimensions (cm): Length: 40, Width: 145, Height: 160 | **Weight:** 81kg

PALISADE LOMPOUL

Ref. POF-PALo1



Dimensions (cm): Length: 10, Width: 180, Height: 180 | **Weight:** 60kg

PAVERS THIES

Ref. POF-PAVo1



Dimensions (cm): Length: 17, Width: 20, Height: 7 | **Weight:** 3kg

**Order now to support our
network of recycling factories
in Senegal:**

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MHQ7+6QH, Av. Felix Eboue, Dakar, Sénégal