



# PLASTIC ODYSSEY

Scaling Local Solutions  
To Solve The Global Plastic Crisis

2026 – 2030

#### Our Partners

Main

L'Occitane  
en Provence

Field

apres  
demain

Officials

CLARINS  matmut 

Main patron





#### A GLOBAL EMERGENCY

**Every minute, 19 tons of plastic waste are dumped into the ocean.**

If we do nothing, by 2050, there will be more plastic than fish in the ocean. **Yet 80% of this pollution could be avoided with existing, proven solutions.**



*“During a stopover in Dakar in 2016, not only was I struck by the plastic pollution, but I was impressed by the ingenuity and ubiquitous culture of recycling. I kept telling myself that if plastic recycling technologies, held by only a few specialists today, were to be democratized, not only would this pollution disappear, but thousands of jobs would be created.”*

— **Simon Bernard,**

Co-founder and CEO of Plastic Odyssey



Plastic Odyssey began with a simple idea:

**What if we visited the 30 countries most affected by plastic pollution, not to study the problem but to collect the solutions?**

For three years, our vessel has journeyed through these regions stricken by the plastic waste crisis, dropping anchor in 40 ports across 3 continents (Africa, South America, and Asia).

On board: engineers, scientists, educators... all working to identify what really works.

**Now, after this global expedition, we're ready for Phase 2: scaling up these proven ideas, making them grow wherever they can have the biggest impact.**

# PHASE 1: THE GLOBAL EXPEDITION

## EXPLORING AND PROVING WHAT WORKS

### A Floating Laboratory for Solutions

During the expedition (2022–2025), the Plastic Odyssey vessel became a true **ambassador for plastic waste reduction and recycling**: a place to identify, test, and document the best local initiatives tackling plastic pollution.



### An expedition toward the regions most affected by plastic pollution

Departing from Marseille on October 1, 2022, for a 3-year expedition through the countries most affected by plastic pollution, around 20 explorers aboard a 40-meter laboratory vessel sail the seas to identify, document, and share practical solutions to the plastic waste crisis.

### TIMELINE :

- 2022 Mediterranean Basin
- 2023 West Africa and South America
- 2024 Pacific and Southeast Asia
- 2025 Indian Ocean and Africa (East-West)
- 2026 Africa, France Tour, Mediterranean Sea

## I. RECYCLING SOLUTIONS

### CLEAN UP THE PAST

- **15 low-tech recycling systems tested** and validated onboard.
- **300+ local innovations documented** across 30 countries.
- **2,000 entrepreneurs trained** through onboard workshops and our online Recycling Academy.
- **15 micro-factories launched** during the journey: each turning plastic waste into usable materials (tiles, benches, building bricks).

These systems proved that with simple tools and knowledge, **waste can become a local resource** — and a source of income.

## II. ALTERNATIVES TO PLASTIC

### BUILD THE FUTURE

At every stopover, our crew met innovators replacing single-use plastics with **sustainable, locally made alternatives**. We collected and shared these real-world solutions: refill systems, reusable containers, natural materials.

They're now featured in our open-source library, showcased in our traveling exhibition, '**The Treasure Trunks**', and used in our educational tools like the '**Solutions Fresk**' and the '**Young Explorers**' program, which have already reached over 15,000 students.





## The Zero-Waste Lab

Humanity is drowning in plastic waste! A huge portion of this is linked to what we eat: water bottles, packaging, over-packaging, single-serve portions, and more.

### **Our goal: Zero plastic on board Plastic Odyssey!**

On board the vessel, we experiment with new ways to minimize packaging: buying in bulk, eliminating single-use plastics, meticulously tracking our waste, and creating our own recipes in the Zero-Waste Lab.

**We now make our own plant-based milk, bread, pasta, sweets, crackers, yogurt, and beverages (kefir, kombucha, ginger beer, iced tea, bissap) and even our own cleaning products.** The result: a healthier, more creative lifestyle and, above all, a drastic reduction in our waste!

### III. SCIENTIFIC EXPEDITIONS

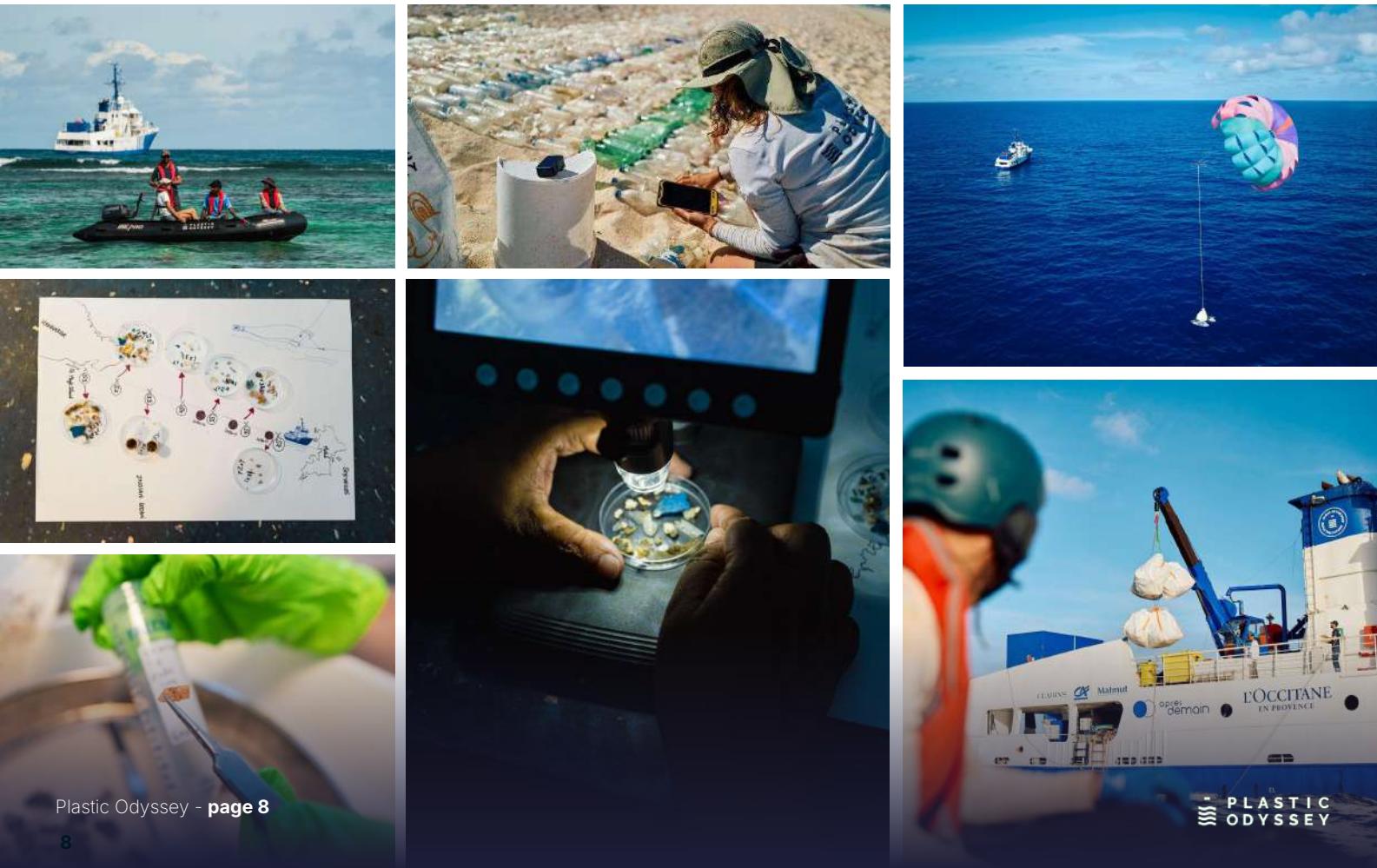
#### UNDERSTAND TO ACT

Plastic Odyssey also served as a **scientific research vessel**:

- Scientific missions conducted in partnership with institutes like **IRD, CNRS and UNESCO**.
- Measurement of plastic accumulation zones, especially in remote islands and marine sanctuaries.
- Flagship achievements:
  - **Henderson Island (UNESCO)**: 9 tons of plastic removed during the first "Impossible Cleanup®", 1 scientific study published.
  - **ExPLOI Mission**: Mapping plastic pollution in the Indian Ocean with 20 regional scientists on board the vessel for 4 months.
  - **Aldabra Atoll (UNESCO)**: A first-of-its-kind reconnaissance mission to map plastic pollution in preparation for a future cleanup (2027).
  - **Saint Brandon Archipelago**: 5 tons of waste collected in 4 days by a team of 8 people. A physical and technical challenge.

These missions proved one thing: even in the most isolated places, **it is possible to restore ecosystems if we act now**.

These expeditions have also allowed us to develop new methods for measuring plastic pollution (such as drone mapping and photogrammetry), new tools to facilitate collection, and to test various waste extraction solutions like floating platforms and parasails.



## PHASE 2: THE DEPLOYMENT

### REPLICATE, SCALE, AND MULTIPLY IMPACT

World doesn't need more pilot projects.  
It needs replication, scaling what works.

Phase 2 is about **making the seeds planted during the expedition grow everywhere** they can:

- On the one hand, in **economically viable territories**, where recycling can create jobs.
- On the other, in **fragile and remote ecosystems**, where action is urgent but unprofitable and where no one else will go.



## I. "IMPOSSIBLE CLEANUPS" PROGRAM WITH UNESCO RESTORING WORLD HERITAGE TREASURES

In 2025, Plastic Odyssey and UNESCO joined forces to act where pollution meets heritage. There are **51 marine World Heritage sites** — ecosystems of exceptional value, now turned into **plastic traps**.

Our mission: **restore them, one by one**.

Following the success on Henderson Island and Saint Brandon Archipelago, we will now deploy our know-how on:

- **Santa Luzia (Cape Verde)** – 2026
- **Aldabra (Seychelles)** – 2027

Each mission combines:

- Scientific data collection
- Field cleanup operations
- Recycling on site using mobile micro-factories

These expeditions are not just clean-ups. They're **replicable field labs**, developing and sharing the methods to restore other sanctuaries.

**"No one goes there because it's not profitable.  
That's exactly why we must."**



## II. FACTORIES: NETWORK OF RECYCLING PLANTS

### A DECENTRALIZED SYSTEM FOR PLASTIC RECOVERY

Plastic Odyssey helps make low-value **waste management profitable and self-sustaining** wherever possible.

- A **franchise network** of 200+ micro factories under construction to
  - **create 10,000 jobs**
  - **recycle 100,000 of plastic tons/year**

During the Expedition:

- **15 recycling factories** launched in Senegal, Philippines, Indonesia and more
- Each unit is **containerized** and consists of **3 to 5 machines**, which enable the creation of 7 to 10 jobs.
- Plastic waste is **transformed into recycled materials** for the manufacturing of bricks, tiles, and furniture.

### Phase 2 goal: scale this model

We now provide:

- Open-source machine blueprints via the Recycling Academy
- Business mentorship and financing tools
- Starter equipment and logistics support

Each factory is a **profitable local business**, built on a **replicable model** that contributes to the development of a global circular economy, while reducing plastic pollution and generating income for communities.



# PLASTIC ODYSSEY FACTORIES.



**Supporting a global decentralized collection & recycling network with a Franchise model that access to partners, mutualize core functions and aggregate streams.**



## BUILT TO LAST

We want to invent a new industrial and impact business model. It will take decades with many challenges on the way.

We need to put ambition and rhythm but have a self sustaining business that is fit for lasting through aleas and crisis.

## READY TO SCALE

We build the assets and proofs to be ready to scale and finance this scale.

- 50M€
- 100 000 T recycled
- 10 000 jobs created
- 200 Factories
- 10 Countries

**START**

**2024**

**BUILD**

**2027+**

**SCALE**

### III. OUR TOOLS FOR AWARENESS AND ENGAGEMENT

To scale impact, Plastic Odyssey has developed a complete ecosystem of **open-source tools** turning knowledge into action across audiences worldwide.

#### Our ready-to-scale toolbox:

##### Recycling Academy (MOOC)

A free online training platform helping entrepreneurs **launch local recycling businesses**.

##### The “Solutions Fresk”

A collaborative workshop that turns **awareness into empowerment**. Using 54 illustrated cards from the expedition, participants explore the lifecycle of plastic and real-world solutions.

##### Young Explorers Program

A **classroom kit** connecting science, geography, and citizenship. Children students investigate plastic use in their community and design their own action plan.

##### Documentary & Digital Series

A window into the expedition: **stories, solutions, and local heroes** shared worldwide.

##### Exhibition of Solutions

An immersive travelling experience presenting the most **promising innovations** discovered on the expedition from recycling systems to plastic-free alternatives.

Each tool spreads one idea: **solutions exist and everyone can take part in them**.





## OPEN HORIZONS

### ESTABLISHING OUR U.S. 501(c)(3) NONPROFIT

#### Plastic Odyssey Fund (San Francisco, USA)

Founded in 2025 as a non-profit organization, the Plastic Odyssey Fund (USA) mobilizes partners and philanthropic leaders across the United States to deploy the Plastic Odyssey approach on a global scale. **A fundraising campaign is currently underway** to finance these biodiversity restoration missions and expand educational tools across multiple continents.



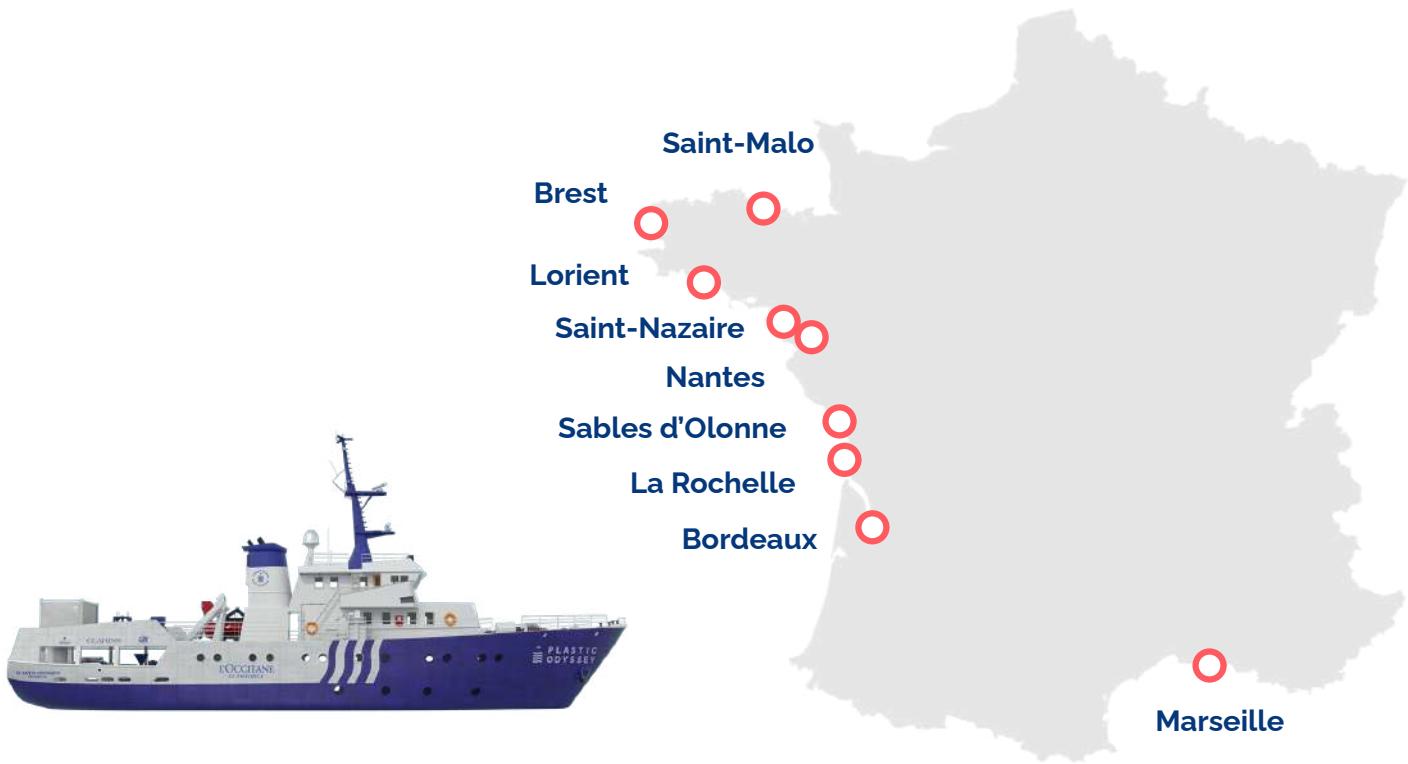


## OPEN HORIZONS

### FRENCH LOCAL CHAPTERS

#### The Plastic Odyssey 2026 France Tour

Back in France, the vessel will make stopovers at **several ports across the country** to engage with citizens, schools, and businesses. This France Tour will lead to the **creation of local branches in each city**, responsible for training volunteers and educators to ensure long-term action: cleanup operations, screenings, and workshops, long after the ship has departed.



# EMPOWERING THE NEXT GENERATION OF ENTREPRENEURS

## TURNING PLASTIC POLLUTION INTO SOLUTIONS

### Plastic Odyssey Academy (Foundation)

Plastic Odyssey Academy is a **global philanthropic engine** supporting high-impact recycling, education and social innovation programs in developing countries.

Our programs :

- **Awareness & Community Engagement:** Mobilizing communities through education, action and local recycling awareness
- **Entrepreneurship & Project Launch:** Supporting local entrepreneurs and initiatives to build viable recycling projects
- **Education & Ecosystem Building:** Engaging students, universities and training hubs to build long-term local capacity



**AMBITION**

2026-2035

- Train 50,000 young change-makers
- Deploy **100 Factories & FabLabs**
- Create **5,000 local jobs**
- Divert **100,000 tons of plastic** from the environment
- Avoid **500,000 tons of CO<sub>2</sub>eq** through recycling
- Mobilize **1M people** through education & community action
- Build a **global movement** where plastic waste becomes opportunity, not pollution



## A HUMAN ADVENTURE BEHIND THE MISSION

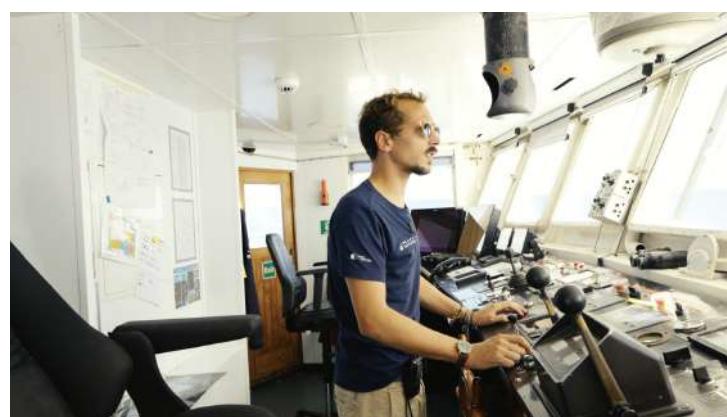
Born from two young merchant navy officers who refused to stay passive as plastic invaded the oceans,

Plastic Odyssey is today a team of **engineers, scientists, educators, and sailors** united by one conviction:

**Optimism and action can outpace resignation.**

After storms, delays, and breakdowns, the crew has built a true **“storm-proof” resilience** — the same energy our societies will need to overcome the plastic crisis.

Inventive, united, and determined, this team embodies what Plastic Odyssey stands for:  
**doing things differently, together.**



# PLASTIC ODYSSEY TEAM



**Simon Bernard**  
*Co-founder of Plastic Odyssey*  
CEO



**Alexandre Dechelotte**  
*Co-founder of Plastic Odyssey*  
Executive Director



**Morgane Kerdoncuff**  
Stopovers Director



**Maïté Abos**  
Communications Director



**Marine Reveilhac**  
Onboard Reporter



**Yoann Long**  
Master of the Vessel



**Thibault Roudier**  
Head of Training



**Sarah Domergue**  
Head of Education & Awareness



**Germain Giraud**  
Head of Onboard Recycling  
Workshop



**Alaric De Beaudrap**  
Stopovers Coordinator



**Luc Des Vallières**  
Head of Partnerships



**Marin In**  
Head of Zero-Waste Lab



**Marjorie Vu**  
Administrative Coordinator

**+ 10 marins**



**Fabien Lamaison**  
Executive Director, USA 



## PLASTIC ODYSSEY TEAM

### PLASTIC ODYSSEY FACTORIES.



**Benoit Blancher**  
CEO



**Thibault Kheres**  
Finance & Legal Director



**Tom Bébien**  
Technical Director



**Ouraye Ndir**  
Compliance & Accounting  
Manager, Senegal



**Souleymane Ciss**  
Social and Territorial Engineer,  
Senegal



**Abdou Karim Diol**  
Production Manager, Senegal



**Elisabeth Demaegdt**  
Project Manager, Senegal

**+ 18 salariés**



**Maxime Thirouin**  
Engineer, Philippines



**Diana Nurul Ilyas**  
Indonesia Country Manager



**Ada Zheng**  
Machines Sourcing & sales

### PLASTIC ODYSSEY ADVISORY.



**Jean-Baptiste Grassin**  
Advisory Developer, Mauritius



**Anna Kalifa**  
Academy Programs Developer

### PLASTIC ODYSSEY ACADEMY.



## LOOKING AHEAD

### 2026-2027

# 2026



#### France Tour

Return of the global expedition  
Deployment of educational solutions and establishment of local Plastic Odyssey community branches across France:  
*Marseille - Bordeaux - La Rochelle - Nantes - Les Sables d'Olonne - Lorient - Concarneau - Saint Malo*



#### Route du Rhum

For the first time, several skippers will set sail under the Plastic Odyssey colors, serving as ambassadors for solutions on the ocean... and for the ocean



#### UNESCO Program & New Vessel

Design of the Plastic Odyssey 2: The first sailing research and transport vessel dedicated to the restoration and protection of maritime sites threatened by plastic pollution  
Scientific program development and innovative technical solutions for the protection of UNESCO World Heritage sites



#### Events (US & Europe)

Climate Week NYC: Organizing the flagship Ocean Event during New York Climate Week (September 2026)  
Route du Rhum: Participating in the race start events (October 2026)

# 2027



#### Mediterranean Tour (To be confirmed)

Stopovers and events across several Mediterranean countries:

- Advocacy: Scaling the reach of documented solutions worldwide
- Community Building: Deploying educational tools and structuring local branches of the global Plastic Odyssey community

#### Events (US & Europe)

COP OCEAN - New York: Participation in the UN Ocean Conference (January 2027)



# PLASTIC ODYSSEY IN A NUTSHELL

## FROM EXPLORATION TO REPLICATION

### I. SEARCH — The World Tour of Solutions (2022–2025)

- 3-year expedition | 40 ports of call | 3 continents
- 300+ local solutions identified and documented
- 15 low-tech recycling systems tested on board
- Scientific missions: Henderson Island & Aldabra (UNESCO) & ExPLOI (Indian Ocean)
- 2,000 entrepreneurs trained | 15,000 students engaged

### II. SEED — Local Action & Knowledge Sharing (2022-2025)

- First 15 recycling factories launched in Africa, Asia & Indian Ocean (up to 500 tons/year each)
- Educational tools created – Recycling Academy, Young Explorers, Solutions Fresk
- Open-source library of technologies and alternatives to plastic
- A growing community of local innovators and change-makers

### III. SCALE — Replication & Impact (2025–2030)

- UNESCO Partnership: Restore 50 marine World Heritage sites ("Impossible Cleanup®")
- Réseau de franchisés : Deploying viable local recycling economies on a global scale (200 micro-factories | 10,000 jobs | 100,000 tons of plastic recycled per year)
- 2026 France Tour: Building a nationwide network of volunteers and community-led initiatives
- Mediterranean Program: Vessel stopovers across multiple countries to deploy educational tools and establish local branches
- Plastic Odyssey Fund (USA): Accelerating global deployment and philanthropic mobilization
- **The Goal: Achieve a 10x impact growth within the next 5 years**





## DIVE INTO THE HEART OF THE ADVENTURE

A 360° EXPERIENCE



**EPISODE 1:** [Watch](#)

70 min • October, 2023



**EPISODE 2:** [Watch](#)

90 min • February, 2025

## CANAL+ DOCS DOCUMENTARY SERIES

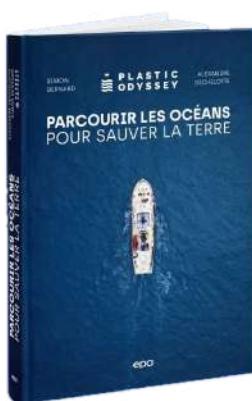
Directed by Pierre de Parscau and produced by Les Gens Bien Production and Plastic Odyssey, this exclusive documentary series broadcast on CANAL+DOCS and myCANAL recounts the entire Plastic Odyssey adventure, from the project's inception to the ship's construction years, including key expedition stopovers. The first two episodes were selected and screened at the La Rochelle International Adventure Film and Book Festival (FIFAV) in 2023 and 2024.



## WEB SERIES

Discover our exclusive web series and dive into the heart of the Plastic Odyssey adventure: explore the vessel's stopovers, documented concrete solutions, recycling entrepreneurs, and the change-makers committed to a plastic-free future. Featuring inspiring portraits and testimonies from men and women filmed during our 3-year global expedition across 40 countries.

[Watch on YouTube](#)



## THE PLASTIC ODYSSEY BOOK

This book uniquely tells the project's story, written by Alexandre Dechelotte and Simon Bernard, co-founders of Plastic Odyssey. It takes readers behind the scenes of the global expedition to save the planet from the plastic waste crisis.

**Available in bookstores under Éditions EPA.**

[Buy Online](#)



## DIVE INTO THE HEART OF THE ADVENTURE

A 360° EXPERIENCE



### PODCAST

Discover the Plastic Odyssey team with this immersive podcast: life onboard, the kitchen, cabins—you'll hear it all. Featuring rich soundscapes and inspiring stories from the ship's explorers. Dive deep into the expedition through their expertise, perspectives, and emotions.

**Recorded by Renée Prod for GEO.**

[Listen to the teaser](#)



### WEB ECOSYSTEM

Plastic Odyssey offers a rich digital ecosystem where you can follow our expeditions ([World Tour Stopovers](#), [Henderson](#), [Aldabra](#)), access online recycling training ([Academy](#)), discover and join our educational programs ([Code Ocean](#), [Young Explorers](#)), explore our catalog of plastic alternatives, or even step aboard the vessel from your own home via our immersive virtual tour.



### FAKE NEWS REPORT

In the debate around ocean plastic pollution, everyone has their own scientific truth, with more or less good faith. For 4 years, Simon Bernard, President of Plastic Odyssey, has combed through scientific reports to separate fact from fiction. He shares the results of these 4 years of investigation, and addresses the fake news that does more harm than good to the environment.

[Read the Report](#)



## BOARD THE MISSION

*"There are no passengers on Spaceship Earth. We are all crew."*  
— Marshall McLuhan

Plastic Odyssey has proven that change is possible.  
Now, it's time to scale it.

**We invite partners, institutions, and investors to help us:**

- Fund and replicate **micro-factories** where recycling can create jobs
- Support **strategic expeditions** to restore UNESCO sanctuaries
- Amplify the **educational and community movement** that turns awareness into action

**Together, let's make the impossible clean-ups possible**, and transform the plastic crisis into a story of resilience, innovation, and shared hope.



## HISTORICAL PARTNERS

### Main Partner

**L'Occitane**  
EN PROVENCE

### Field Partner

 **apres**  
**demain**

### Official Partners

**CLARINS**



**matmut** 

### Main Patron

**FORVIA**  
Foundation

### Carbon Contribution Partner

 **Removal**

### Main Media Partners

**vivendi**

**CANAL+**  
GROUPE

**PM**  
PRISMA MEDIA

**GEO**

**dailymotion**

### Social Partners

**MOTUL**

**ERGET GROUP**

**GROUPE IMA**

**DELFINGEN**

**RUBIS**  
ENERGIE

**DOMORROW**  
Aujourdhui pour les générations futures

**SARA**

**ULYSSE NARDIN**

  
Geogas



## INSTITUTIONAL PARTNERS



### UNESCO

*Agreement with UNESCO to share the stories and images of the expedition with the general public through events, films and photo exhibitions.*



### Institut de Recherche pour le Développement (IRD)

*Identification of the study object, implementation of a scientific protocol and technical training to carry out independent sampling during the expedition, analysis of data after the expedition and preparation of scientific reports or publications.*

# L'OCCITANE EN PROVENCE



**"Plastic Odyssey, their ambition made us dream."**

Adrien GEIGER, CEO of L'Occitane en Provence

## L'Occitane en Provence, Main Partner of Plastic Odyssey

Reducing waste is one of **Maison L'Occitane en Provence**'s top priorities. When it was founded in 1976, L'Occitane en Provence boutiques already offered a deposit system for glass bottles.

In 1992, the Maison launched "L'action Mistral", a program designed to raise awareness among consumers and public authorities of the importance of recycling and the need for sorting. Today, L'Occitane en Provence is still involved in numerous initiatives, whether carried out by its own teams or through partnerships, and has built its strategy around 3 "R"s: Reduce, Recycle and React.

- **REDUCE**, by reducing the weight of its packaging and encouraging its re-use, thanks to alternatives such as refills or bulk fountains.
- **RECYCLE**, by encouraging the use of recycled materials and ensuring that, at the end of the cycle, each waste product can become a resource.
- **REACT**, through partnerships with key players and innovative initiatives such as Plastic Odyssey.

Find out more on the [L'Occitane en Provence website](#)



**"Recycling used plastic by recovering it and creating jobs corresponds perfectly to the values defended by Après-Demain SA."**

Thierry Mauvernay  
President, Managing Director

## Après-Demain, Plastic Odyssey's field partner

**Après-Demain SA** is a private family-owned company based in Switzerland and the parent company of a group composed of a Life Sciences cluster, Debiopharm™, asset diversification clusters and a Philanthropy cluster.

Private and independent company committed to having a positive impact on the long term by taking care of people and the planet to preserve the future.

Après-Demain is already very committed to environmental protection (impact, renewable energies) and supports Plastic Odyssey since 2022 for a period of 3 years.

More information on [Après-Demain website](#)



**"A wonderful project, as inspiring as it is concrete."**

Christian Courtin Clarins, Chairman of the Supervisory Committee

## Clarins and Plastic Odyssey share a strong vision: respect for nature and people

Christian Courtin Clarins has pioneered important environmental changes within the Group. Shocked by marine pollution while sailing in Asia, he took a pioneering decision in 1999 to ban plastic bags from all his points of sale.



**"What an inspiration to act in favor of the preservation of our planet!"**

Stéphanie Boutin, Deputy General Manager of La Matmut

## Matmut's CSR commitments

This partnership is part of Matmut's proactive approach to CSR. The company, aware of the major environmental challenges we are facing today, has, for many years now, been committed to reducing its ecological footprint by carrying out several actions with its members and employees.



**"I hope that, in the end, this project will outgrow us."**

Philippe Brassac, Chief Executive Officer of Crédit Agricole S.A

## Shared beliefs in the fight against plastic pollution

Plastic Odyssey's approach is to use local experiences as a starting point to develop solutions on a global scale. It is particularly relevant for a decentralized, mutualist Group like Crédit Agricole, which combines international presence with proximity to its local communities.



Motul is a French company of American origin which designs, produces and distributes engine lubricants and dielectric fluids, as well as industrial products through its MotulTech business.



Rubis Energie has set itself the goal of being a committed and civic-minded partner with commitments to decarbonization and energy transition.



Erget Group is a leading expert in corporate risk and specialized markets in France and internationally and has supported Plastic Odyssey since 2021.



SARA focuses on air, water, soil and subsoil protection and waste management.



GEOGAS is a company specialized in LNG transportation and has been a partner of Plastic Odyssey since 2021.



The philanthropic endowment fund that supports projects of general interest for the environment and the ecological and solidarity transition.



Ulysse Nardin is the Manufacture inspired by the Ocean, producing freaky timepieces for explorers in pursuit of freedom.



DELFINGEN is a global automotive supplier and leader in on-board network protection solutions and fluid transfer tubes.



The IMA Group is committed to a CSR approach in order to generalize good social, societal, environmental and economic practices throughout the Group, pillars of sustainable development.





# PLASTIC ODYSSEY

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[plasticodyssey.org](http://plasticodyssey.org)