



# ONBOARD LABORATORY.

A program for  
Plastic Recycling Entrepreneurs

# What is Plastic Odyssey?

A 3-year maritime expedition around the world to meet and exchange with local recycling entrepreneurs to develop sustainable solutions against plastic pollution, as well as explore alternatives to build a plastic-free world and share them.





*Example of a recycled plastic pallet*

# A few figures

**3**  
Weeks

Average duration  
a stopover whose  
10 days of OnBoard  
Laboratory

**100**  
m<sup>2</sup>

Area of the on-board  
recycling workshop

**10**  
Selected  
Entrepreneurs

Number of  
participants in the  
program

# Our solutions

Beginner



**100% online training  
program**

The basics of plastic  
recycling

[To know more](#)

Confirmed



**Incubation program  
onboard the vessel**

Accelerate the development  
of your plastics recycling  
project (technical and  
economical)

Expert



**Micro Containerized  
Recycling Plant**

Invest in a Plastic Odyssey  
plant with semi-industrial  
capacity



## A PROGRAM DIVIDED INTO 2 PHASES

### PHASE 1: INCUBATION

- Plastic Recycling Process
- Keys to a successful recycling project
- Building a business model
- Prototyping on Recycling Machines
- Meetings and connections with local recycling experts

### PHASE 2: ACCELERATION

- Personalized support for each project according to the needs of each entrepreneur
- Prototyping of a specific finished product, deepening of the business plan

## LOGISTICS

- Daytime hours: 9:30 am - 4:30 pm
- Lunch offered on board
- No accommodation possible on board
- Personal logistics costs (transport, accommodation, etc.) not included
- Free program







# Profiles sought

Entrepreneurs who have an advanced recycling project or are under development, who already have initial feedback on plastic waste management (collection, sorting, processing, etc.).

The program will mainly focus on the study of the recovery of plastic waste into a finished product with a viable business model.

We are open to all initiatives, do not hesitate to [apply!](#)





### THE RECYCLING WORKSHOP

- One pyrolysis unit 30L/h
- A 120 kg/h shredder
- A 90 kg/h extruder
- A 70 kg/h plastic sand extruder
- A washing/sorting system
- A 150 kg/h centrifuge
- A 60T hydraulic press
- An oven
- Machined/mechanically welded moulds

### R&D TOOLS

- 3D Printer
- Solidworks

### MECHANICAL WORKSHOP

- A CNC milling machine
- A conventional tour
- A welding machine
- Miscellaneous mechanical tools
- A variety of handheld tools



# How to apply?

Find the link to the call for applications on our social networks or our website via the link:

**APPLY NOW**

We will get back to you as soon as possible after the call for applications closes, good luck!

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If you have any questions, please do not hesitate to send us an email at : [thibault@plasticodyyssey.org](mailto:thibault@plasticodyyssey.org)



**ONBOARD  
LABORATORY.**