

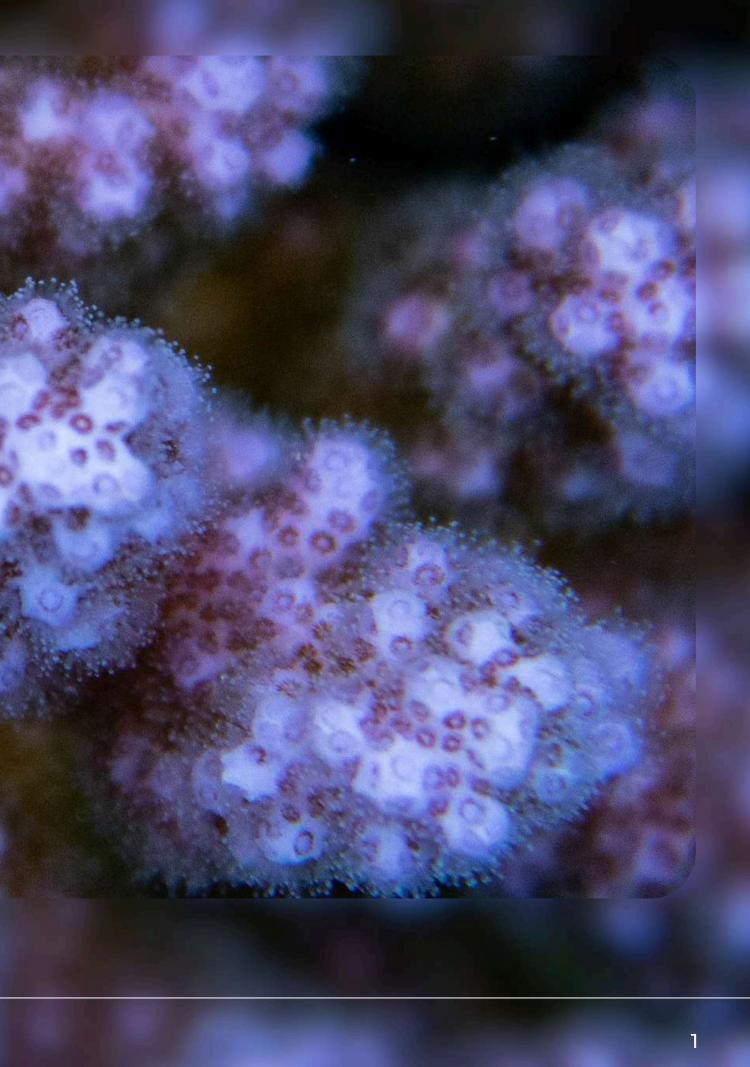
# OF THE CORAL PLANTERS

# IMPAGERED0RE

### TOGETHER, LET'S PLANT THE CORALS OF TOMORROW



SUMMARY



### FOREWORD

We don't always have to focus on statistics to appreciate the delicate beauty of coral reefs; sometimes we just have to open our eyes to recognize and understand the importance of the seabed that deserves our attention. These ecosystems are priceless, and it is still possible to take action to save them.

Ever since I was young, I've been deeply convinced that all living beings deserve to be protected. Today, preserving the ocean must be a collective responsibility, an act of daily commitment. This ocean, a source of wonder and respect, has a profound impact on those who encounter it. It is often from this wonderment that the desire to act is born, to devote oneself to its conservation and to the safeguarding of all marine biodiversity.

That's why our association goes beyond protecting and restoring vulnerable areas. It also aims to raise awareness, inspire and engage an ever-wider public.

We sincerely thank all those who make this possible: our partners, our philanthropists, the Coral Planters community and our team. Your dedication is a beacon of hope.





Jade Tellier, director

# BACKGROUND







# CORAL REEFS STATUS



OF OUR PLANET'S CORALS HAVE DISAPPEARED SINCE 2009.

> CORALS ARE PROJECTED TO DISAPPEAR WITH A TEMPERATURE RISE OF 1.5°C BY 2050. SHOULD THE INCREASE REACH 2°C, 99% OF CORALS WOULD BE LOST (IPCC).



BACKGROUND

# 

## THE IMPERATIVE TO PRESERVE CORAL ECOSYSTEMS







# **CONTRIBUTE TO THEIR THREATS ?**

#### **CLIMATE CHANGE**

Ocean warming leads to coral bleaching, while water acidification undermines coral structures and restricts growth.

#### MARINE CONTAMINATION

Sewage, plastics, and sediments impede corals, diminishing their access to light and their capacity for survival.



BACKGROUND

#### TOURISM

Unregulated activities, including improperly placed anchors and waste produced by infrastructure, compromise reefs and their ecosystems.

#### **OVERFISHING / POACHING**

Overfishing undermines the ecological equilibrium, while harmful practices, such as trawling and dynamite fishing, inflict damage on coral reefs.

# **CORAL BLEACHING**



#### **VIBRANT CORAL**

The polyp, a diminutive organism, harbors single-celled algae known as zooxanthellae. These algae supply nutrients to the coral via photosynthesis and impart its coloration.



#### **BLEACHED CORAL**

When water temperatures increase, corals expel their zooxanthellae in response to stress, resulting in the loss of their primary source of nutrition. Consequently, they become white and fragile.



#### **DECEASED CORAL**

If the temperature remains elevated for an extended period and no zooxanthellae return to its endoderm, the coral perishes. Subsequently, its skeleton becomes encrusted with algae.





Marine biodiversity relies on coral reefs, which function as essential habitats, breeding grounds, nurseries, and food sources for numerous species.

250/0



COPALS FUNCTION

Wave energy is harnessed by coral reefs, offering natural protection against tsunamis, storms, and other meteorological events, while generating sand and mitigating coastal erosion.







Coral reefs serve as a crucial source of sustenance and revenue, underpinning the livelihoods of local communities.







## **OUR ACTIONS**

#### Preserve the ocean and restore coral ecosystems.



#### **CORAL RESTORATION**

We restore marine ecosystems by transplanting new reefs into degraded regions of the Indian Ocean, collaborating with partners and marine biologists engaged in fieldwork.



#### **2. AWARENESS**

We inspire young audiences in schools through our Edu'Coral educational initiative. Additionally, we engage with the general public at events to influence and raise awareness regarding ocean and life conservation issues.



# **LOCATIONS OF ACTIVITY** & FIELD PARTNERS



OUR MISSION

V

**FRANCE** HEADQUARTERS

#### MALDIVES

Furanafushi
Landaa Giraavaru
Kuda Huraa
Vommuli



REEFSCAPERS



DCEAN PROJECT

# OUR FIELD PARTNERS





A Maldivian company dedicated to coral restoration for more than two decades. The marine biologists engage in the transplantation of coral fragments, the maintenance of reefs, and the monitoring of their growth.



A field partner since 2021, Bluer Ocean Project has been engaged since 2020 in the implementation of scientific initiatives and coral reef restoration projects on Rodrigues Island, located in the southern Indian Ocean.



OUR OBJECTIVE



### **2025: EXPANDED RESTORATION AREA**

MOZAMBIQUE

In collaboration with the "Mulala Marine Sanctuary" in Nacala Bay, a sanctuary wholly committed to the preservation of the ocean within a Marine Protected Area (MPA).

Coral reefs in the Indian Ocean are located in the Mozambique Channel, accounting for 4% of the global reef population.

These reefs are essential to the local community, offering protection from storms, food resources, and significant cultural values.

From 2025, a Program Manager / Marine Biologist will oversee the execution of the new coral nursery and reef restoration initiative.

# **NEW PROJECT**

# THE INITIATIVE

The project in Mozambique will be supervised by technical experts and marine biologists. The field activities and the effects of coral restoration are as follows:

- Marine Protected Area (MPA) management
- Marine ecosystem survey & conservation
- Marine lifeidentification & data collection.
- Coral reef restoration program implementation
- Mangrove and seagrass protection
- Raising awareness within the local communities
- Establishment of new MPAs in the region





# MARINE PROTECTED AREA

#### OUR PROJECT WILL BE LOCATED IN A MPA. HOWEVER, WHAT EXACTLY IS AN MPA?

- Delimitation of maritime area (sea and/or coastline)
- Protective measures enacted for the preservation of marine biodiversity.

#### **OBJECTIVE:**

- Mitigating the effects of human activity and climate change
- Enhancing biodiversity conservation



MARINE ECOSYSTEMS



REGIONAL ECONOMY



SUSTAINABILITY OF AQUATIC RESOURCES



TOURISM



**OUR MISSION** 

TODAY

OF THE SURFACE OF THE WORLD'S OCEANS IS SAFEGUARDED

**2030 TARGET** 

2,9%

**500%** PROTECTION OF THE WORLD'S OCEAN SURFACES IUCN

The Edu'Coral program is an educational initiative that offers workshop facilitation for both the general public and institutions.



WITHIN EDUCATIONAL INSTITUTIONS



THROUGH INSTRUCTIONAL RESOURCES



OUR MISSION

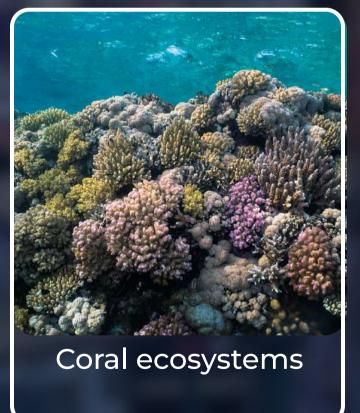


#### THROUGH OUR PARTICIPATION IN EVENTS

#### WITHIN EDUCATIONAL INSTITUTIONS

An educational initiative aimed at making the marine environment accessible to all, fostering curiosity, and promoting contemplation on the conservation of endangered marine ecosystems, appropriate for students from nursery through high school.

#### THE TOPICS



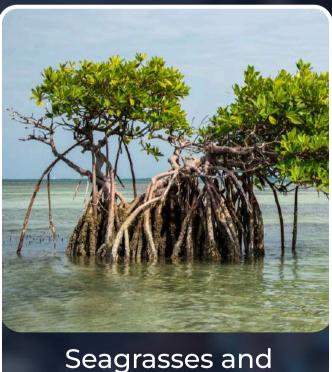




#### Coral inhabitants

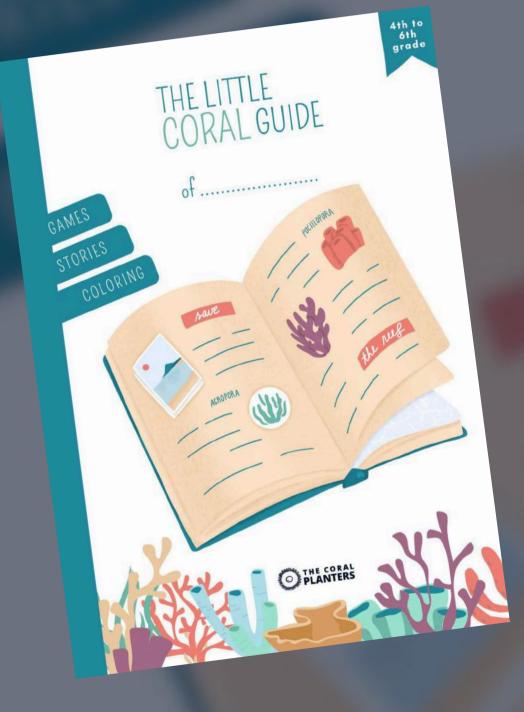






Mangroves

#### **THROUGH THE DEVELOPMENT OF EDUCATIONAL** RESOURCES



An educational booklet specifically crafted for children in Year 5 to Year 6. This engaging and informative manual, which is also well-suited for educators, serves as a valuable resource for young ocean explorers. It is available for complimentary access on our website.



#### THROUGH OUR PARTICIPATION IN EVENTS

In 2024, we were here:















# IMPACT

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#### SUSTAINABLE DEVELOPMENT OBJECTIVES



We are wholly dedicated to the Sustainable Development Goals (SDGs) by engaging in awareness-raising initiatives, preserving marine life through coral reef transplantation, and fostering partnerships to ensure the sustainable management of these ecosystems.



# OUR IMPACT SINCE THE BEGINNING

# 33954

#### **Coral fragments planted**



Impact Report 2024

IMPACT

# **3056m<sup>2</sup>**

#### of coral surface restored

# OUR INFLUENCE IN 2024



#### **Coral fragments** planted

Report

# **518 m<sup>2</sup>**

#### of coral surface restored

## IMPACT SCALE



#### Small reef: 41 fragments



Heart Reef: 45 fragments

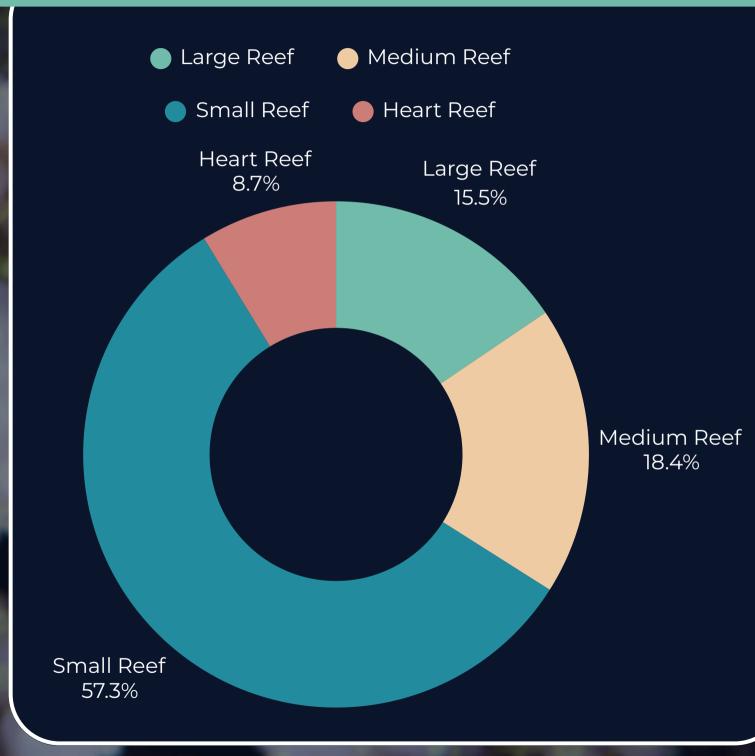


Medium Reef: 65 fragments



Large Reef: 106 fragments

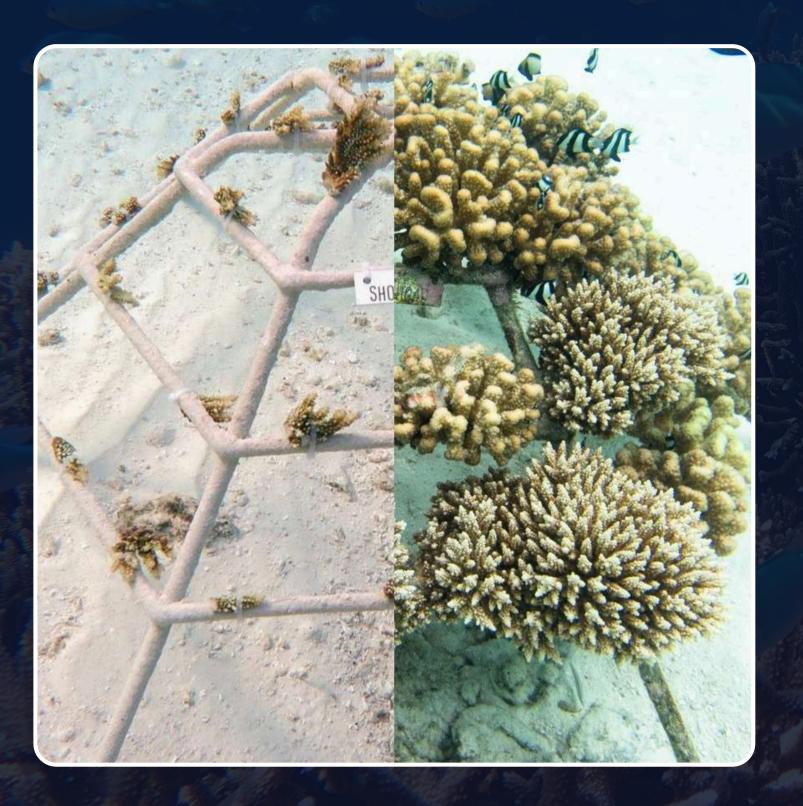
#### Distribution of various coral reef types (frames)





IMPACT

## THE RESTORATION





Restoration of marine biodiversity







<del>6</del><del>6</del>

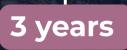
Cuttings and Transplantation Local production of metal structures coated with resin and sand



Daily upkeep and observation of the reefs



The coral generates new branches, thereby increasing the density of its surface.



6 months –



Coral reproduction and gametes release

# THE RESTORATION



#### DAY 1

The corals have been recently transplanted and are currently acclimatizing to their new environment.



**6 MONTHS** Indicators of development that demonstrate their resilience.



#### **1 YEAR**

Significant enhancement in their growth and diversity. This reef serves as a sanctuary for various marine species.

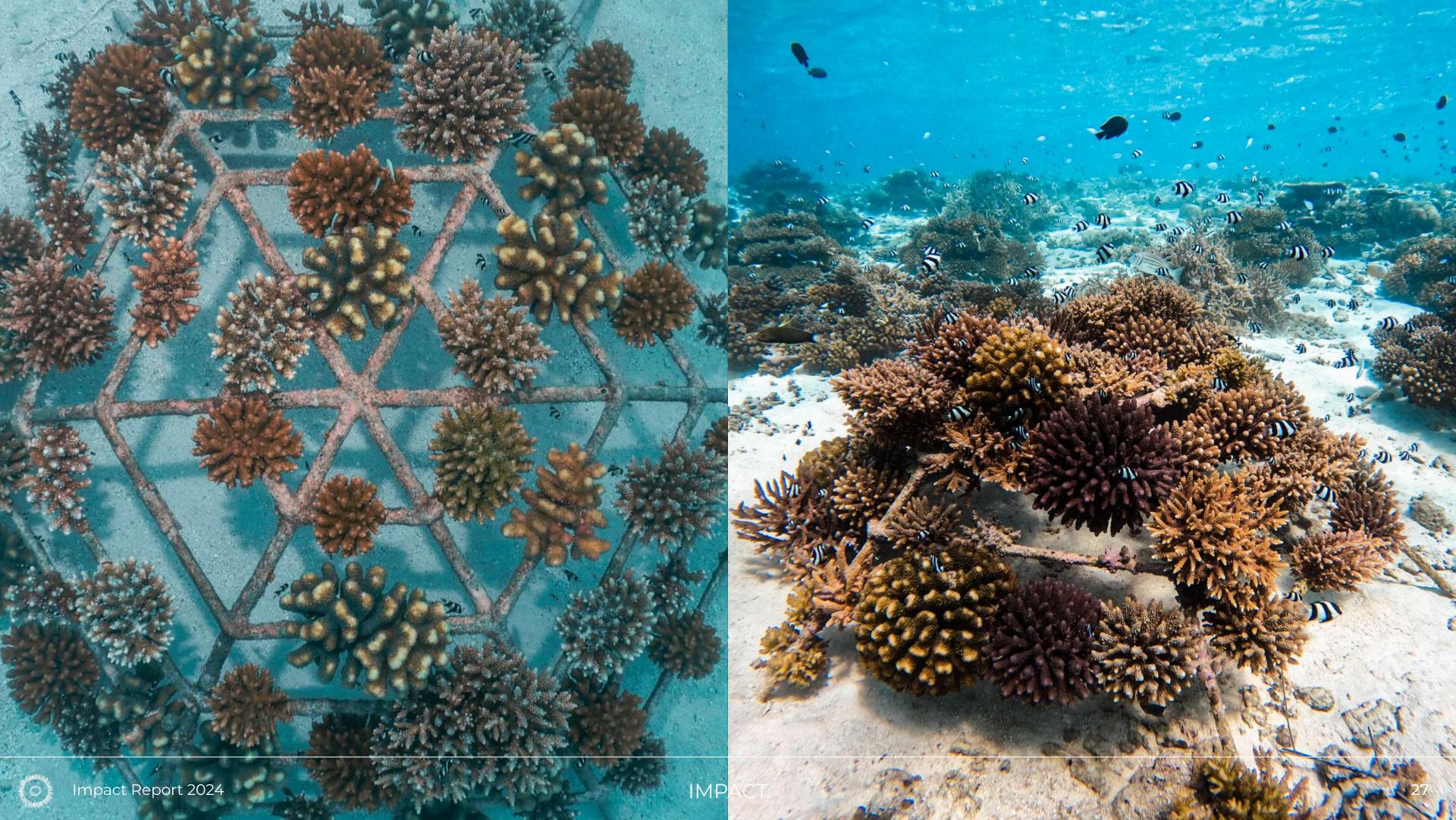


IMPACT



#### **3 YEARS**

Formation of a multifaceted structure, facilitating habitat restoration and enhancing biodiversity.



# EDU'CORAL 2024 RESULTS

59

Talks within educational institutions

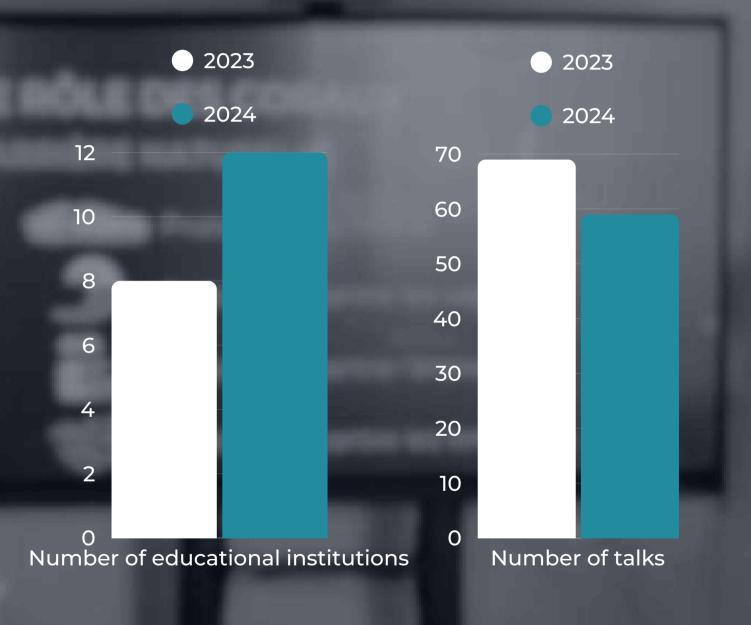
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Children and young adults increased awareness of Edu'Coral within institutions.

**122** Educational institutions ranging from Elementary to Master's level **16** Engagement in public events



IMPACT



# COMMUNICATION

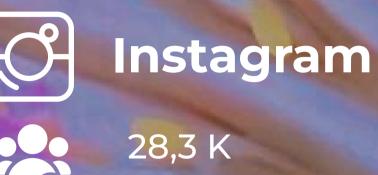
O Impact Report 2024





# OUR COMMUNITY

#### AGE GROUP (%)



+ 2.3K followers since 2023



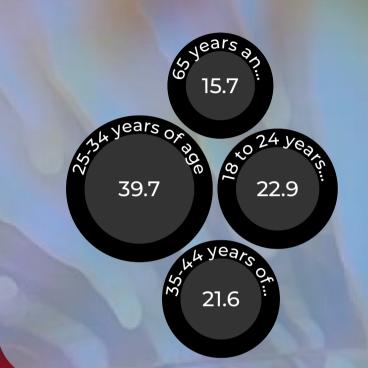
Views: 417,100

#### Interaction: 18K

LinkedIn

in

#### 433 subscribers



#### **Perspectives 2025**

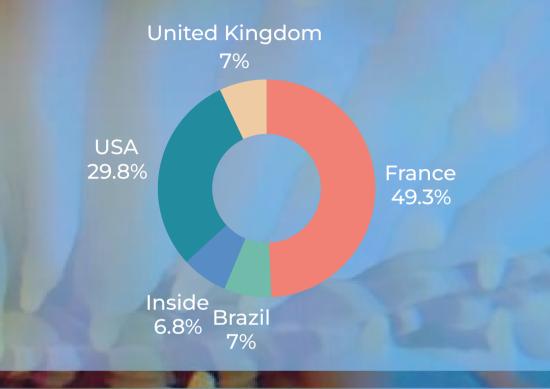
More videos:

- extended content.
- engagement with our subscribers.

COMMUNICATION







• YouTube channel relaunch: create superior quality and

• TikTok relaunch: developing a community and enhancing

# WE ARE TALKED ABOUT ON...



09/04/2024 Le Figaro



07/30/2024: Interview on Wave Radio at the Surf Culture Festival in Hossegor







02/08/2024 Le Média Positif





COMMUNICATION



04/10/2024 Le Figaro

11/26/2024: Interview on Wave Radio regarding the collaboration between the Dùn and The Coral Planters brands.

11/29/2024: Interview with Sirikit, our ambassador, on the Wild Voices podcast, episode #9.

## AMBASSADOR 2024

Sirikit is committed to collaborating with us to:

Coral Restoration in the Maldives :

She collaborated with our field partner, Reefscapers, in the Maldives. Together with on-site biologists, she contributed to the restoration of coral reefs that had suffered significant damage following the recent bleaching event. Accompanied by Joao Kopke, her filmmaker and companion, the objective was to document the on-ground realities and the restoration techniques employed, while also appreciating the splendor of the marine ecosystems.



"Joining The Coral Planters and, above all, serving as its godmother is a profound honor for me. I take pride in being part of this tangible, passionate endeavor and in helping to disseminate our message. Engaging with the water fosters humility and a recognition of our unity with nature. It is imperative that we safeguard it, ensuring that future generations can continue to appreciate its beauty."

— Sirikit Harivongs

# PARTNERSHIPS

PARTNERSHIPS



# OUR NETWORK

# **% FOR THE PLANET**.







PARTNERSHIPS

# RESPECTOCEAN



## A HEARTFELT THANK YOU TO OUR PARTNERS

#### III≋≡ dùn RIVEA

LA ROSÉE PARIS



tamarillo

#### ECO FRIENDLY FABRIC lefrik



PAUL HEW ANCHORED TO THE OCEAN

PHYTOMER Goodeed







PARTNERSHIPS





















# LA ROSÉE, OUR SPONSOR SINCE 2021

# LA ROSEE



PARTNERSHIPS

### OF THE CORAL OF PLANTERS

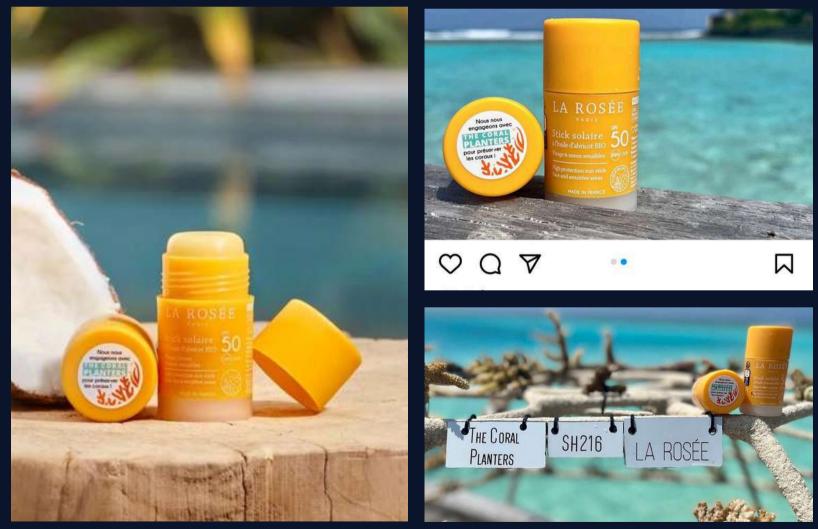
# **SIGNIFICANT PARTNERSHIPS**

# CÙN

Launch in July 2024 of a co-branded textile product in collaboration with dun a local brand from the Landes.

PARIS







PARTNERSHIPS

#### LA ROSÉE In 2024, La Rosée introduced an ocean-friendly sunscreen stick that features the association's name.

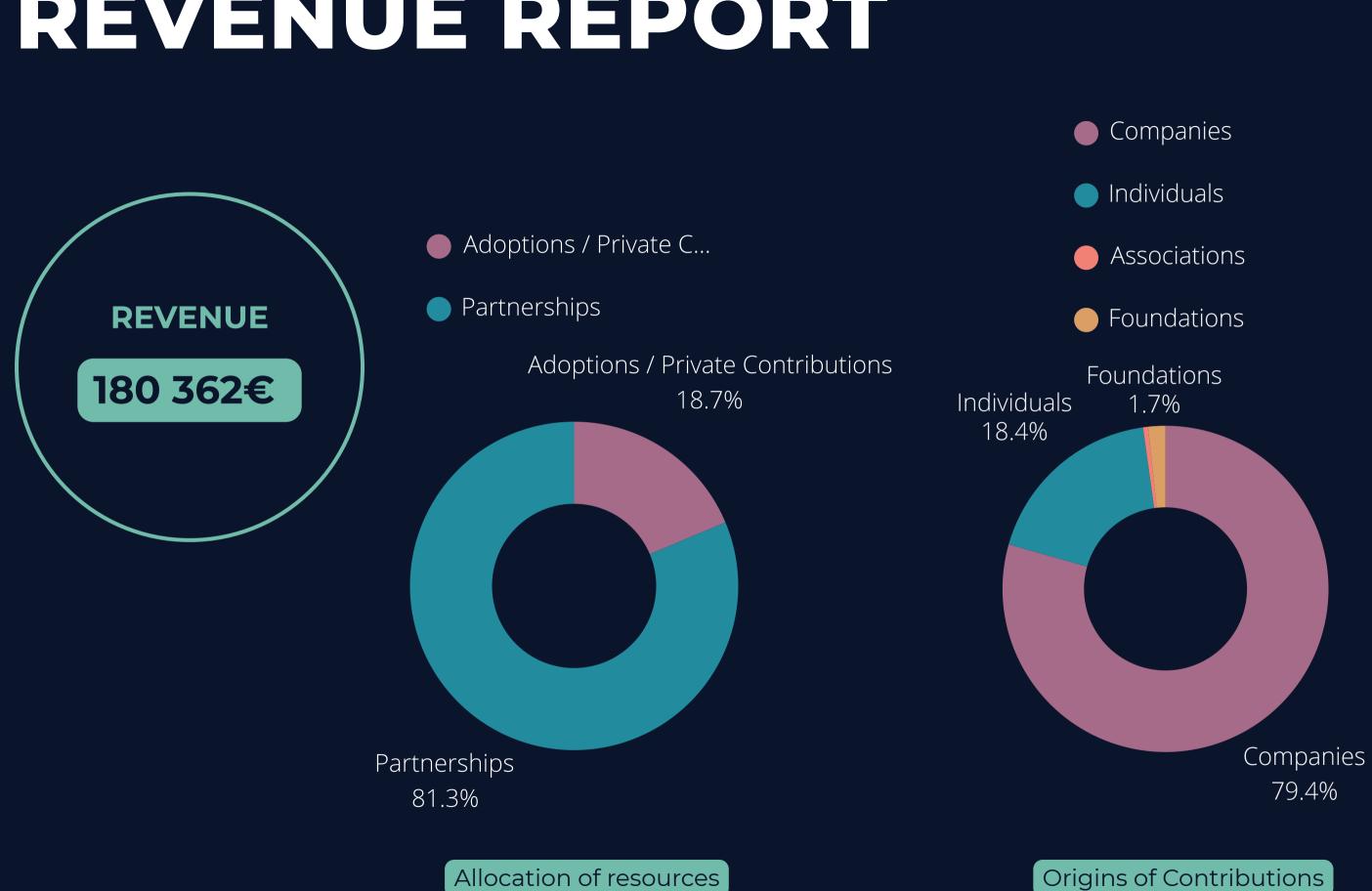
# O FINANCIAL REPORT

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FINANCIAL REPORT



# **REVENUE REPORT**

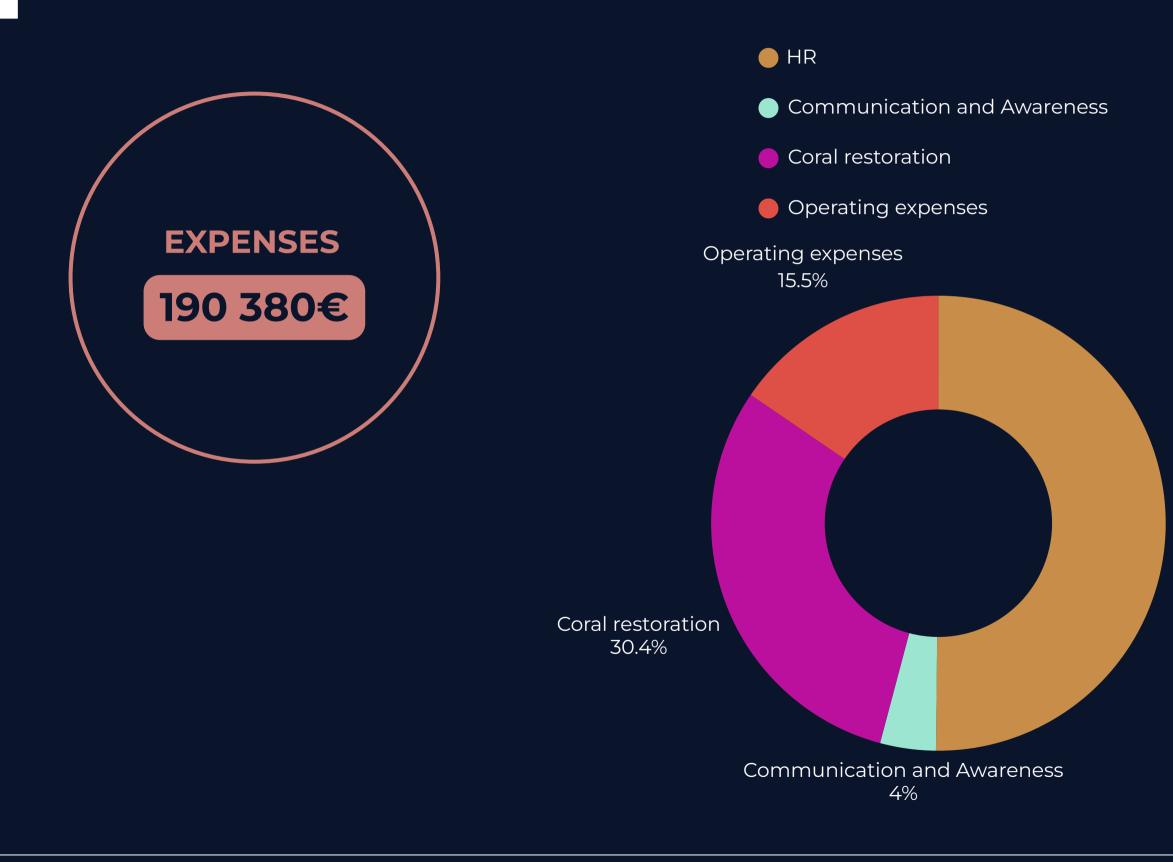




FINANCIAL REPORT



### **EXPENSES REPORT**

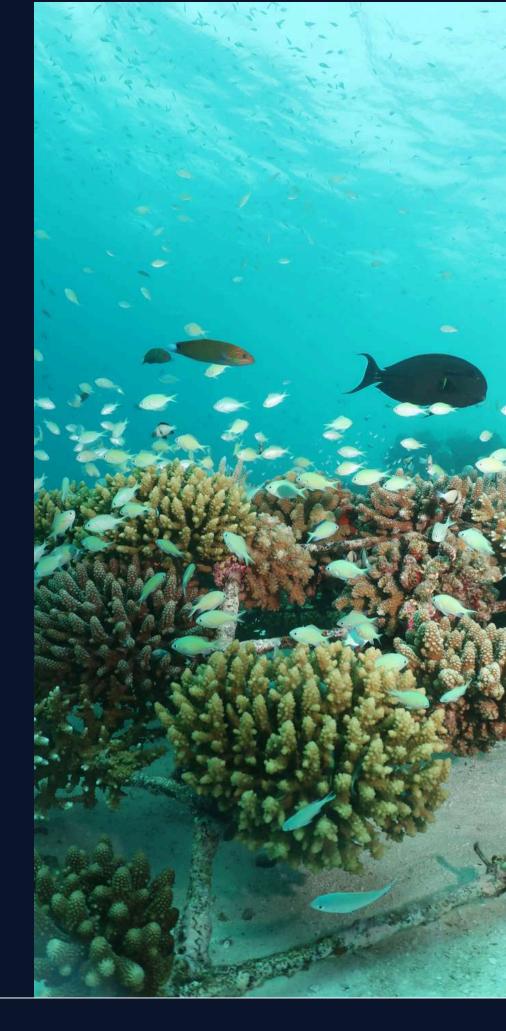




Impact Report 2024

FINANCIAL REPORT





# **PERSPECTIVES 2025**

MAILT



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PERSPECTIVES



## **2025 OBJECTIVES**

#### **MARINE ECOSYSTEM**

Establish two new zones specifically designated for the conservation of the marine environment, preferably within Marine Protected Areas (MPAs).







**Recruit an additional local** employee on Rodrigues Island for our partner, Blue Ocean Project, to collect coral cuttings and serve as a liaison between the operational office and the field.





PERSPECTIVES

Engage with universities through our educational program.

Enhance our Edu'Coral program to engage a broad audience, including those within the corporate sector.

### OUR TEAM

#### 2024-2025 TEAM



Jade Tellier Director



Antoine Mondou Communication Manager



Basile Fairfort Civic Service -Collaborations and Financial Support



Manon Dumazert Communications Specialist

#### 2024 TEAM



**Jean Duverdier** Communication Intern



Fanny Avril Communication Manager



Marion Parment Civic Service -Collaborations and Financial Support



Raphael Gaudin Civic Service -Communication Strategies



#### PERSPECTIVES



#### **Eman Ehkala** Focal Point Maldives







#### Amelie Carrault Coordinator and Marine Biologist (through April 2024)

# COLLABORATIVE GOVERNANCE

#### **ADMINISTRATIVE OFFICE**

#### **SEBASTIEN STRADAL**

Co-founder President / Treasurer Marine Project Manager



#### **NICOLAS CASTETS**

Secretary Chemist



**ANNE MERCIER** 



**FRÉDÉRIC DUCARME** 

Researcher and Lecturer



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PERSPECTIVES

#### **BOARD OF DIRECTORS**

#### Remote Sensing Specialist



#### THOMAS LEBERRE Co-founder

Marine Engineer













### MIIII THE CORAL ON PLANTERS ✓ f ③ in

www.thecoralplanters.org info@thecoralplanters.org

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