



2023

**Performance
report**



Green Marine Europe by the numbers

31 PARTICIPANTS

5th YEAR OF
CERTIFICATION

11 PERFORMANCE
INDICATORS

66 MEMBERS...
AND COUNTING!

10 EUROPEAN
NATIONS

Table of Contents

Management's message	3
Membership growth	4
The network's strength	6
Green Marine International.....	7
Green Marine Europe over the years	8
A tangible impact.....	10
Sustainable development goals.....	11
Analysis of the 2023 results.....	12
Participants map	16
CirclesOfLife.....	17
Collaborative approach	18
Program development	18
Performance indicators.....	19
Ports bound!.....	20
Verification process	22
Communications & the team.....	23

Edito

AN OCEAN OF POSSIBILITIES

Surfrider Foundation has been at the helm of the Green Marine Europe (GME) environmental certification program for five years!

This anniversary is an ideal time to take stock of what has been achieved to date, as well as identify the opportunities for an even more sustainable future for the European maritime industry.

These five years have reflected the values that drive the program: **dialogue, expertise, sharing**. These values make Green Marine Europe a community rallied around the reduction of environmental impacts as much as a **certification** program.

Green Marine Europe is first and foremost the facilitation of a **constant** environmental dialogue with the maritime industry, for a healthier ocean. This is how the Surfrider Foundation Europe designed it, to further emulate the efforts sparked by COP21 and the Paris Agreement among NGOs, researchers and the industry. It's this new lease on life that we did not want to see fade away and that pushed us to persevere in our desire to create such a program, until it finally saw the light of day in 2019.

Green Marine Europe followed up by taking advantage of **legal and technical expertise** related to international and European regulations applicable to maritime transportation to build a complete, relevant evaluation framework that anticipates regulatory developments. In this way, Green Marine

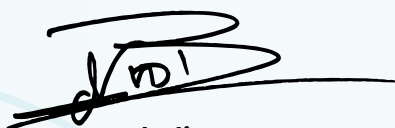
Europe aims to be a particularly effective management tool in the **environmental strategy** of its participants.

Ultimately Green Marine Europe is about **sharing** experience in **operating a network of key stakeholders**. This is how we now have **66 members**, spread across **10 European countries** (Belgium, the United Kingdom, France, Germany, Luxembourg, Monaco, the Netherlands, Portugal, Spain, and Sweden), **including 31 participants, 26 supporters and associations and 9 partners**. A **steady growth** that even the COVID storm couldn't hinder. Proof that Green Marine Europe brings together a solid community of institutional, economic, and scientific stakeholders around a sustainable course of action.

This wonderful adventure was also made possible by the unwavering **support of the Green Marine team** on the other side of the Atlantic. These five years also tell **the story of working in tandem with Green Marine**, to adapt its certification program to the European context's specificities and to support us in the course of us attaining sustainable autonomy.

Now it's time to hand over the helm to a new crew, equipped with a new governance. Green Marine Europe is now part of the Green Marine International fleet created in May 2024. Surfrider Foundation Europe leaves the command of the Green Marine Europe with serenity and filled of optimism. We will remain a home port.

Next step: the opening of our certification to ports with the first certified ones expected in 2026. Together we will continue to navigate the occasionally tumultuous waters of the environmental transition, and continue the maritime industry's transformation in favour of a preserved ocean.



Nathalie Van Den Broeck

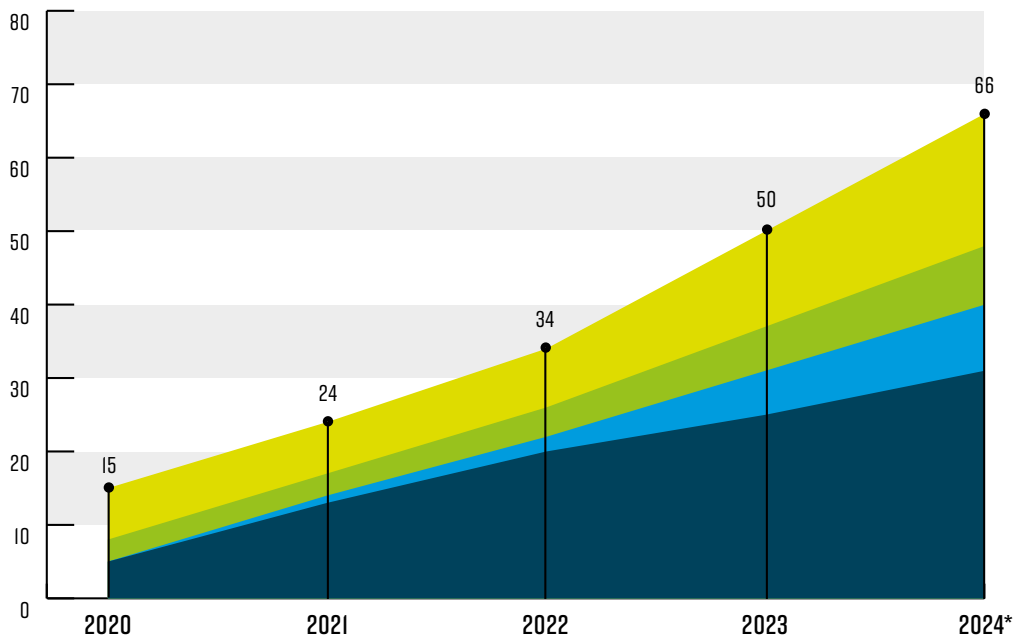
*President
Surfrider Foundation Europe*





The membership's evolution

Inclusivity and diversity are the key words of Green Marine Europe's membership. Spread across 10 European countries, it brings together an increasing number of key stakeholders in the European maritime community, driven by the same more sustainable vision of our industry.



* As of September 10, 2024.



31 PARTICIPANTS

Ship owners and shipyards



8 ASSOCIATIONS

Organizations that represent the maritime industry.



9 PARTNERS

Suppliers of maritime-related products, services, equipment and new technologies.

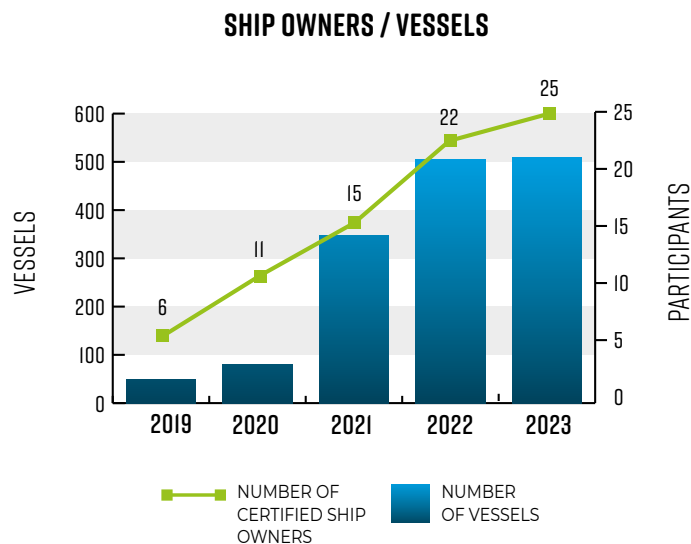


18 SUPPORTERS

Scientific research institutes, environmental organizations, and government agencies.

An increased European presence

In just two years, the number of participants in Green Marine Europe's environmental certification program has more than doubled from 15 to 31. This year also marks the initial certification of three shipyards in Europe!



Six new certified participants

The 2023 year saw the certification of the first three shipyards participating in the program. Shipyards face various challenges. With a sector that is little known to the public, they must both actively commit to the environmental transition of their operations, while working to educate their clients and lessors, as well as the social and economic stakeholders and the public.

Their priority: to engage more actively on this strategic axis with these various stakeholders. During this first year of certification, the participating shipyards took ownership of the program and acquired a more precise vision of the measures necessary to deploy to reduce their environmental footprint. In all, six participants obtained Green Marine Europe certification for the first time:





A network's strength

Green Marine Europe is above all the story of a network of institutional, economic and associative stakeholders in Europe and across the Atlantic mobilized in favour of a better performing maritime industry in terms of environmental matters.

The unwavering support of our early collaborators has made it possible to come a long way. And there are many of them!

The French ministry in charge of the Environment or the Sea over the years, the Presidency of the French Republic, and the Élysée teams at the International Union for Conservation of Nature (IUCN) Congresses, the United Nations summit in New York, or the One Ocean Summit (Brest, France, Feb. 2022), and the French diplomacy in the person of Olivier Poivre d'Arvor (Ambassador for the Poles and Maritime Issues and special envoy of the president of French Republic for the organization of the One Ocean Summit).

The Armateurs de France professional organization, the ship owners Brittany Ferries, La Méditerranéenne, CMA CGM, CORSICA linea and the very mobilized ship-owning community.

ADEME (l'Agence de la transition écologique), its financial contribution and its high-tech expertise, particularly in terms of decarbonization.

Our financial partners: LIFE, the Ministry in charge of Ecological Transition, the 1% for the Planet collective, la Boulangère Bio, and CirclesOfLife.

And all the expert contributions we were able to receive from our respective networks.

Without this experienced and caring crew, this first expedition would have never left port.



Green Marine International

GLOBAL REACH

Say hello to **Green Marine International!** The new entity has been incorporated to reflect the environmental certification program's increasing global reach while consolidating its governance. It unites Green Marine Europe and Green Marine under a single organization with a consistent, strong and widely recognized brand.

Green Marine International's establishment was viewed as the next logical step as Green Marine's licensing agreement with Surfrider Foundation Europe for coordinating Green Marine Europe comes to an end in 2024. It also facilitates the pooling of resources.

Green Marine International's Board of Directors will be comprised of 12 directors, including three Europeans. All Green Marine Europe and Green Marine participants are now members of Green Marine International. Their respective certification requirements remain unchanged.

The new governance structure maintains the same commitment, the same rigour, and the same transparency, which have forged the solid reputation of Green Marine Europe. Surfrider Foundation Europe will actively support Green Marine International after the full transition to the new governance, by participating in committees engaged in the program's review and continued development.

Green Marine International will continue to foster the collaborative approach established by its founding members to successfully advance environmental excellence.



I am very proud of Surfrider Foundation Europe's leadership in establishing the Green Marine Europe certification in collaboration with Green Marine and the European maritime industry over the past few years. I am confident that Green Marine International will provide a governance framework that will ensure that the elements at the heart of the Green Marine Europe certification – namely, continuous improvement and engagement with stakeholders – remain the cornerstones of the program as the number of certified participants continues to increase.

– Florent Marcoux

DIRECTOR, SURFRIDER FOUNDATION EUROPE



Over the years



2017

- The certification project is developed with the Environment Committee of the Armateurs de France and France's Ministry of Ecological Transition in collaboration with Alicse.

2018

- Green Marine, an environmental certification program for North America's maritime industry, is identified as a model for creating for creating Green Marine Europe.

2021

- **WINTER**
Green Marine Europe criteria and self-diagnostic questionnaire for the second edition (2020 year of operations) are released.
- **JUNE**
The Green Marine Europe certified ship owners for the 2020 year of operations are revealed.
- **SUMMER**
GME criteria and self-diagnostic questionnaire for the third edition (2021 year of operations) are released.

2022

- **MAY**
A new website dedicated to Green Marine Europe is launched.
- **JUNE**
Announcement of the 2021 certified participants – 3rd edition of the Reveal Event, in Marseille.
- **SUMMER**
Launch of a working group for the development of program criteria for European shipyards.

2019

- **JANUARY**
Discussions begin with Green Marine to import the North American environmental program's model for Europe.
- **AUGUST**
Green Marine and Surfrider Foundation Europe commit to signing a licensing agreement with the aim of creating Green Marine Europe (GME) as part of the Ocean Pavilion G7 side discussions.
- **NOVEMBER**
Initial meeting of the development committee to adapt the environmental program to the European context.

2020

- **MARCH**
Surfrider Foundation Europe acquires a four-year licence to set up and manage Green Marine Europe. Green Marine is directly involved in the governance of Green Marine Europe; Surfrider coordinates the program.
- **APRIL**
The criteria and self-diagnostic questionnaire for the first edition (2019 year of operations) of Green Marine Europe are released.
- **JUNE**
Green Marine Europe selects and trains individuals to become accredited verifiers.
- **OCTOBER**
The first Green Marine Europe certified ship owners are made public.

2023

- **JULY**
The new program for European shipyards is released.
- **OCTOBER**
Announcement of the 2022 certified participants – 4th edition of the Reveal Event, in Bilbao.
Green Marine Europe certified ship owners derive from five European countries.

2024

- **MAY**
Green Marine International is incorporated and its first AGM is held.
- **JULY**
The inaugural edition of the Green Marine Europe newsletter is disseminated.
- **AUGUST**
Green Marine Europe files its statutes of association under the 1901 Law in France.
New pilot projects to certify European ports are launched.
- **OCTOBER**
Three European directors join Green Marine International Board of Directors.
Announcement of the 2023 certified participants – 5th edition of the Reveal Event, in Brussels.



A tangible impact

Faithful to its objective of continual improvement, Green Marine Europe aims to be a beacon for its participants and the optimization of their environmental strategy. Its 11 indicators, its self-assessment guide (Smart Guide), the obligatory external verification by a GME accredited verifier, and the annual publication of the results also aim to improve the working methods of our participants, their environmental reporting, the formalization of goals and environmental KPIs. This is demonstrated by the first results of the impact study carried out in 2024 with our participants. Within the Technical and QHSE (Quality, Health, Safety, and Environment) departments, **90%** of the respondents consider the Green Marine Europe framework to have **improved the management of their company's ecological transition plan**. More than **70%** of them also consider the Green Marine Europe standard as a **vector for increasing skills and team cohesion**.

As for executive management, more than **65%** of respondents consider that Green Marine Europe contributes to better management of their company's environmental transition strategy and makes it **possible to unite all the employees** around the issue.

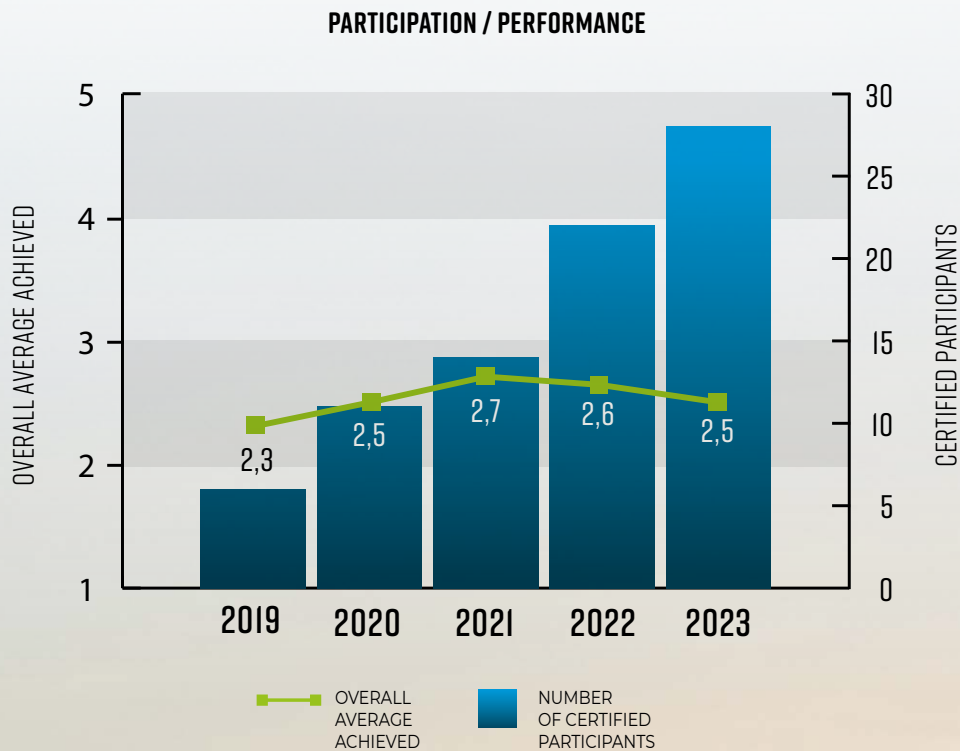
These early trends echo the following part, dedicated to Sustainable Development Goals. They indeed demonstrate the relevance of Green Marine Europe for its participants, as a tool for managing their environmental strategy and their environmental transition plan. All within a regulatory context, which is ever more significant, internationally, as in Europe, particularly with the deployment of the Corporate Sustainability Reporting Directive (CSRD), which profoundly reshapes extra-financial reporting and extends it to a number of economic stakeholders, including the maritime sector.



Analysis of the 2023 results

Green Marine Europe's values of dialogue, expertise and sharing both guide and strengthen the **commitment of its participants**, who measure their environmental efforts on an annual basis. With an average level of 2.5 on a 1-to-5 scale, it is down slightly compared to the 2022 (when it was 2.6). Far from being a negative point, it constitutes on the contrary the proof that companies that are sometimes more novice in terms of environmental transition have

chosen Green Marine Europe as a powerful lever of action to meet this challenge with all the rigour it requires. It also underscores the requirement for transparency carried by Green Marine Europe: **performance never supplants the logic of progression and humility deployed within the program**. The addition of three shipyards should also be noted – the very first to obtain Green Marine Europe certification – among the certified participants.



SHIP OWNERS

In terms of the program's dedication to continual improvement, the most significant progress by ship owners has been made in terms of **waste management**, with an overall increase of 8 levels.

Green Marine Europe's ship owners have reduced their **air emissions**. More than half of the ship owners reached Level 3 or higher, which means that they have carried out annual inventories. When it comes to **greenhouse gases**, almost one ship owner in three has done so.



+31 LEVELS FOR SHIP OWNERS



8 LEVELS UP



+30% AT LEVEL 3 OR HIGHER



56% AT LEVEL 3 OR HIGHER

2023 is an inaugural year for **shipyards**. This first year of evaluation facilitated a smooth transition into the program.



32 LEVELS REACHED OUT OF THE 75 BY THE THREE PARTICIPATING SHIPYARDS





2023 RESULTS

LEVELS SCALE

The results reflect the environmental performance of each participant in 2023 for each of the indicators on a 1-to-5 scale.



INTERPRETATION

The term "not applicable" is found in a few places in the table because the same environmental issues do not apply to all participants. For example, most ferries do not discharge ballast water. This notation also applies in cases where a participant does not have complete control over the maritime operations, such as, for example, on some chartered vessels. The published results reflect the environmental performance of the participants in terms of the Green Marine Europe program's performance indicators. They do not constitute an exhaustive assessment of all environmental aspects related to maritime operations. Green Marine Europe does not itself claim to evaluate the environmental performance of the participating companies. A new participant's results are verified prior to granting certification and thereafter subject to external verification every two years. Each participant must submit all documentation related to the level declared for each of the applicable indicators.

SHIPYARDS

	AIR EMISSIONS - GHG	COMMUNITY IMPACT	COMMUNITY RELATIONS	SPILL PREVENTION & STORMWATER MANAGEMENT	WASTE MANAGEMENT
Chantier Naval de Marseille	1	2	1	1	2
Lisnave	1	2	1	2	2
Navantia S.A.	4	2	3	2	2

CERTIFICATION PROCESS

1 ANNUAL SELF-EVALUATION



Completion of online **Smart Guide** by participants

Due May 31

2 EXTERNAL VERIFICATION



Verification every 2 years by an **accredited external verifier**


Due June 30

3 PUBLICATION OF RESULTS



Annual Performance Report released at the **annual Reveal event**

October 2023

SHIP OWNERS 	AIR EMISSIONS - GHG	AIR EMISSIONS - NO _x	AIR EMISSIONS - SO _x & PM	AQUATIC INVASIVE SPECIES	OILY DISCHARGE	SHIP RECYCLING	UNDERWATER NOISE	WASTE MANAGEMENT
Aranui Cruises	2	3	3	2	2	1	2	2
Baleària Eurolineas Maritimas S.A.	2	2	2	2	2	2	2	3
Bourbon Offshore Surf	1	3	2	2	2	2	2	1
Brittany Ferries	2	5	5	2	3	2	3	2
CMA CGM	4	4	3	4	3	2	3	3
Compagnie française de croisières	1	1	1	1	2	1	1	1
Compagnie Maritime Nantaise - MN	3	3	4	3	3	2	2	2
Compagnie maritime Penn Ar Bed	2	2	2	2	2	1	2	3
Corsica Linea	2	3	4	2	2	2	2	3
Hovertravel	2	2	2	n/a	2	1	2	3
Ifremer-Genavir	2	3	3	4	3	2	5	3
La Méridionale	3	3	3	2	2	2	3	2
L'Express des Îles	2	2	2	n/a	2	1	2	2
Louis Dreyfus Armateurs	3	4	3	5	5	5	3	3
Manche Îles Express	2	2	2	2	2	1	2	3
Maritima	2	3	3	2	2	1	2	2
MSC Cruises	5	5	5	5	5	5	5	5
Orange Marine	2	3	4	2	4	3	2	4
Ponant	5	5	5	5	2	5	5	5
Bordeaux Port	1	1	1	1	2	1	1	1
Socatra	3	3	2	3	2	2	2	2
Sogestran Shipping	3	3	3	3	3	2	2	2
Somara	1	1	1	n/a	2	1	2	2
SPM Ferries	2	2	2	3	2	1	2	2
Stena Line	2	5	4	1	2	2	1	3

4

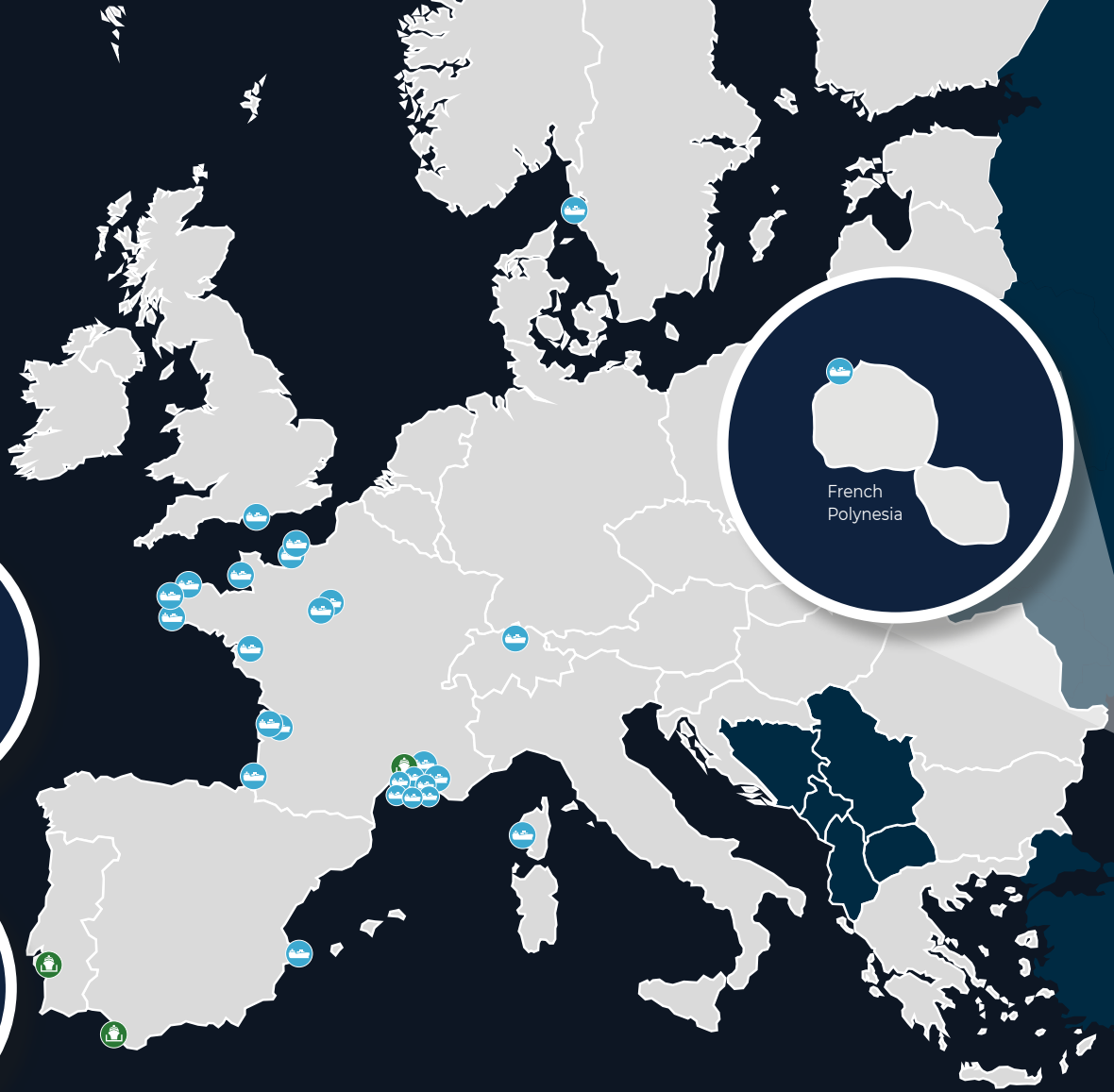
CONTINUAL IMPROVEMENT



To **become certified**: achieve at least one Level 2 in the 1st year;

To **maintain certification**: continual improvement of one level each year until all applicable indicators \geq Level 2





Saint-Pierre
et Miquelon



Guadeloupe

Martinique



French
Polynesia





CIRCLESOFLIFE, THE EUROPEAN CONSORTIUM FOR CIRCULAR AND EMISSION-FREE SHIPBUILDING

Launched January 1, 2024, CirclesOfLife is financed by the European Union (EU) under the Horizon Europe program from 2024 to 2026.

With a vision for sustainable shipbuilding on an EU scale, the consortium brings together 15 shipyards, research institutes, suppliers, NGOs, and other organizations from six European countries.

Their shared goals: develop and implement innovative methodologies, promote the circularity of materials, and improve the environmental performance of the shipbuilding process from start to finish. It is part of a specific regulatory context, with the new directive on

corporate sustainability reporting (CSRD cf. above page 10). CirclesOfLife has developed the Shipyard Environmental Performance Index (SEPI) and the Cradle to Cradle (C2C) Ship Passport. The first will provide European shipyards with a standardized framework for controlling and reducing their environmental footprint. The second will document the lifecycle of materials used in shipbuilding, from design to production to repair and recycling.

Surfrider Foundation Europe and **Green Marine Europe** mainly contribute to the dissemination, communication, training and production of results.



June 2024 - Green Marine Europe hosted the CirclesOfLife general meeting in Bordeaux for two days of round-table discussions dedicated to the methodology around the consortium's various issues: the optimization of data gathering, development of the Shipyard Environmental Performance Index (SEPI), and effective awareness raising. The event was also punctuated by a visit to the Nicolas shipyard.

This project has received funding from the European Union's Horizon Europe Research and Innovation Programme under grant agreement NO 101138013.





A constantly evolving program

The program continually evolves because of its yearly revision dynamic. The program's scope is expected to be expanded regularly, as new issues are prioritised and the bar is raised. This involves keeping the criteria ahead of existing or anticipated regulations. **Continual revision also makes it possible to integrate evolving scientific discussions, emerging technologies and best practices into the criteria's definitions.**

It's in the spirit of continual improvement that Green Marine Europe reviews its criteria regularly. Through the advisory committee, a collaborative process brings together industry stakeholders as well as the program's supporters, consisting of environmental NGOs, maritime experts, and governmental agencies. Building on this dynamic, Green Marine Europe's goal is to bring participants average performance beyond Level 2.

In 2024, the steering committee undertook a complete revision of the indicator related to **aquatic invasive species** to integrate regulatory developments from the International Maritime Organization.

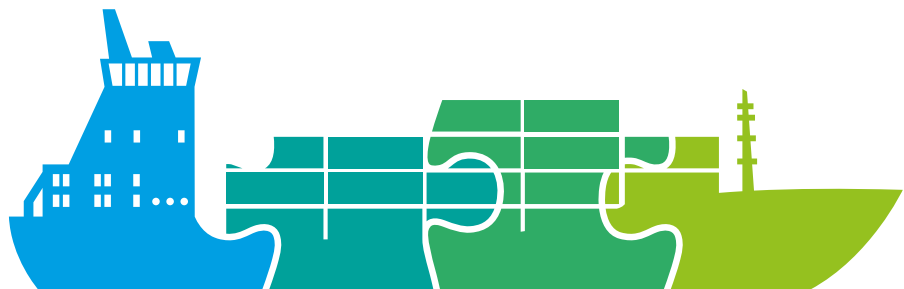
As for **ballast water treatment**, the performance indicator's revision makes it possible to extend its application to a larger number of vessels, based on the regulation that all ships carrying ballast are equipped with a ballast water management system (BWMS).

In addition to integrating the IMO's regulatory developments, the Steering Committee's intention was to **make this indicator compatible with the absence of ballast water to manage**, by allowing shipping companies to measure the impact of their anti-fouling system (AFS).

In terms of **biofouling**, the reference documents and annexes of the **Aquatic Invasive Species** indicator have been updated.

PROGRAM DEVELOPMENT & REVISION

The criteria are developed based on the collaborative approach at the heart of Green Marine Europe.



WORKING GROUPS

Ad-hoc to review specific issues or develop program indicators; they involve subject matter experts from the overall membership.



ADVISORY COMMITTEE

It directs program revision and development priorities. It brings together representatives from the industry, governments, research institutions and environmental organizations.



STEERING COMMITTEE

The steering committee oversees the certification's strategic orientations within Europe. It currently has ten voting members representing ship owners, Green Marine Europe, Green Marine, and public institutions.

A CONTINUOUS IMPROVEMENT APPROACH BEYOND REGULATIONS

Green Marine Europe offers a detailed framework that helps maritime companies measure their environmental footprint and then reduce it. Participants must demonstrate measurable, continuous improvement year over year to obtain certification. The program addresses prioritized environmental issues related to air and water quality, the protection of biodiversity, and waste management. It consists of 11 performance indicators, some intended for ship owners and others for shipyards, with their criteria distributed on a 1 (monitoring of regulations) to 5 (excellence and leadership) scale.





Following shipyards, the ports!

After opening its doors to shipyards, Green Marine Europe is extending its certification program to ports. Commercial ports are essential junction points in the supply chain; their sustainability directly influences the maritime industry's environmental impact. Infrastructure providers of more environmentally sustainable sources of energy play a pivotal role in reducing emissions from vessels at docks, or in terms of waste management.

Participants in this pilot project will conduct an assessment in 2024 and identify program elements that do not apply to their geographic area(s), or for which regulations already exceed program requirements. Based on this initial phase, 2025 will see the development of the self-evaluation guide dedicated to European ports for the first wave of certifications in 2026.

Let's salute the pioneering commitment of the ports of Bordeaux and La Rochelle.





The continuous improvement of environmental performance indicators essential to Green Marine Europe certification is for us, at the Port of Bordeaux, a new opportunity to fine tune our usages and thus better limit the impact of our activity, located in the heart of our beautiful Gironde Estuary. It is a source of great pride to participate in the adaptation of the European criteria for ports.

- Jean-Frédéric Laurent
MANAGING DIRECTOR, PORT OF BORDEAUX



Four new verifiers for Green Marine Europe

In 2024, Green Marine Europe expanded its pool of accredited verifiers with four new recruits. There are now seven verifiers who support the certification process of our participants – proof of the ever-growing enthusiasm for our approach in favour of the environmental transition of the European maritime industry. The verifiers play a central role in this process, validating the continued progress of the participants.

VERIFICATION PROCESS: IMMERSED WITH CORSICA LINEA



To be Green Marine Europe certified, participants must meet all the requirements of a rigorous and transparent certification process. The verification process is carried out in person every two years at the company's premises and is based on objective evidence provided by the participants to support their self-evaluation. Last May, Romain Benoit, Green Marine Europe's Outreach Officer, participated in a verification day as an observer with the CORSICA linea teams, which concluded with a visit to the new ship A Galeotta with its captain, Thomas Quennepoix.

This position of *shadow observer* has a triple purpose: ensure that the accredited verifier carries out the verification in accordance with Green Marine Europe policy, demonstrate to participants the Green Marine Europe team commitment, and identify areas for improvement in the verification process – through direct contact with the participants and the verifiers.

CORSICA linea is one of the original participants in Green Marine Europe since 2019. The external verification is a privileged moment of exchange with the Green Marine Europe teams, particularly useful as part of our continuous improvement in environmental matters.

– Chloé Taverni

SUSTAINABLE DEVELOPMENT MANAGER, CORSICA LINEA

Promoting the Green Marine Europe Community



In 2023, Green Marine Europe continued to deploy its editorial line, designed to promote our participants and all our members in their diversity, particularly through video. This content strategy relays our awareness-raising actions to a large European maritime audience, primarily on LinkedIn and in the News section of our website. We promote our certification process, our results, and the in-depth work carried out, for example, with two LinkedIn articles: "Underwater noise, an emblematic indicator of Green Marine Europe" and "An enduring wave." The sharing emphasizes the human dimension of Green Marine Europe, with profiles of our verifiers and permanent staff.

A POSITIVE IMPACT:



60
published posts



+1,350
new subscribers
~4,000 subscribers



4.7
engagement rate
Level of interaction with
our publications



**VISIT OUR
YOUTUBE
CHANNEL**

This dynamic intensifies in 2024 with an increase in published content on LinkedIn and the website, and thanks to the **launch of a newsletter** with three issues annually distributed to nearly 500 European contacts starting in July 2024. Green Marine Europe continues to use video to explain its approach and showcase its participants.

OFFICE

FRANCE

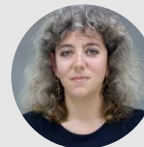
33 allée du Moura,
Biarritz, France, 64200

info@greenmarineeurope.org

TEAM



FLORENT MARCOUX
Financial Expert



ANTIDIA CITORES
Project Manager



ROMAIN BENOIT
Outreach Officer



PASQUINE ALBERTINI
Communications Lead



greenmarineeurope.org

 @GREEN-MARINE-EUROPE

 @GREENMARINEEUROPE3517