



MAC & NWWAC Workshop

Marine Plastics and the Seafood Supply Chain

Oceanwise: Wise Reduction of EPS Marine Litter in the
North-East Atlantic Ocean



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INDEX

01/ OVERVIEW

02/ PARTNERS

03/ AIM & GOALS

04/ APPROACH

05/ SCOPE

06/ CHALLENGES





OCEANWISE – WISE REDUCTION OF EPS/XPS MARINE LITTER IN THE NORTH-EAST ATLANTIC OCEAN



OceanWise deals with marine litter in a **Circular Economy** perspective. It is focused exclusively on **Expanded Polystyrene and Extruded Polyesterene** products and applications with a likelihood to become marine litter.

Programme	Interreg Atlantic Area
Total Budget	2.853.536,80€
ERDF Contribution	2.140.152,60€
Duration	January 2018 – December 2020
Coordinator	DGRM DIRECTORATE-GENERAL FOR NATURAL RESOURCES, SAFETY, AND MARITIME SERVICES

2. Partners



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An Roinn Tithíochta,
Pleanála agus Rialtais Áitiúil
Department of Housing,
Planning and Local Government



2. Partners



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Associated Partner



**OSPAR
COMMISSION**

3. Aim & Goals

"Wise Reduction of EPS/XPS Marine Litter in the North-East Atlantic Ocean"



4. Approach



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Stakeholders
Interactive
Platform



Knowledge
Resource Hub
on EPS/XPS and
its alternatives



Living Labs – moving towards
better practice Targeted
applications and pilots in
users' communities



Catalogue of priority
EPS/XPS products and
applications and their
alternatives

4. Approach



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Home Project Knowledge Hub Media & Resources News Stakeholders Platform

Search

IF YOU LIKE WHAT WE DO,
OCEANWISE COULD USE YOUR HELP.

GET INVOLVED

- Give us feedback. Your valuable opinions and thoughts can help us make a difference;
- Whether you work in the corporate world, government or academia we'd love to hear what are you doing to prevent EPS ending in our oceans;
- Be part of OceanWise and help us know more. Can we ask you what we don't know about EPS? Whether you work in the corporate world, government or academia we'd love to hear what are you doing to prevent EPS ending in our oceans;

▶ [CLICK TO SUBSCRIBE OUR STAKEHOLDERS' PLATFORM HERE](#)

CONTACT US

Email: oceanwise@dgrm.mm.gov.pt

Your contributions will be made available in OceanWise platform, after we process them.
And welcome to OceanWise family!

Priority Industries, Products & Applications

- ▶ Fishing industry (Fisheries, Aquaculture, Sea-food)
- ▶ Food goods industry (Distribution, Supermarket chains, meat, fruit)
- ▶ Consumer goods (appliances)
- ▶ Single-use items used outdoors (take-away, outdoors activities)



6. Challenges



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**How to prevent EPS/XPS from
reaching
the marine environment?**

Marine Litter perspective



**How to keep EPS/XPS in the
system?**

Circular Economy principles



WP.6. CIRCULARITY INDICATORS & TOOLS



Integrating **Circular Economy** principles from the early design and development phases



Addressing the **entire life-cycle of EPS/XPS** products & applications



Measuring **triple impact** (environment, social and economic) for current and alternative solutions

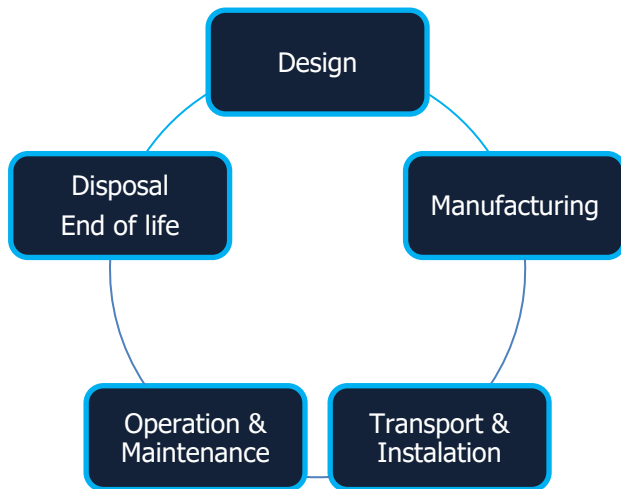
6. Challenges



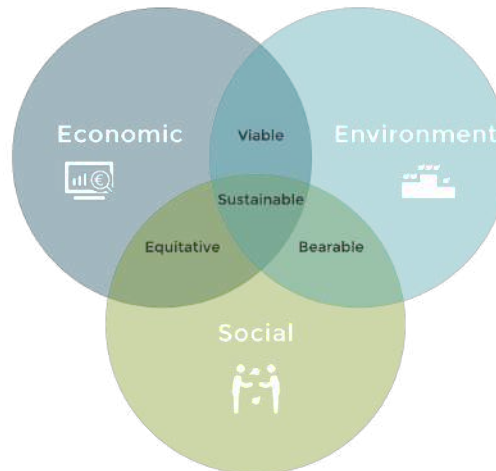
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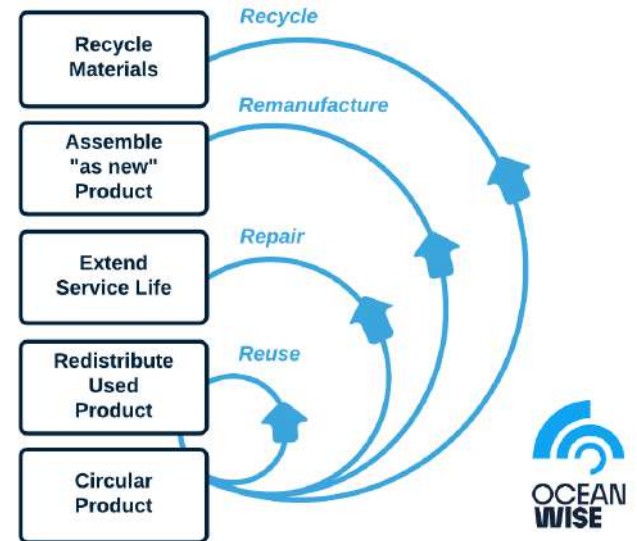
Life Cycle



Triple Impact



Circular Economy



6. Challenges



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▶ **ACTIVITIES**

1

Review of Circularity Indicators/Tools to help evaluate product/ application circularity

2

Review of models to improve product and application circularity

3

Circularity Assessment of EPS Products & Applications

▶ **DELIVERABLES**

State of the art Report on the circularity assessment methodologies

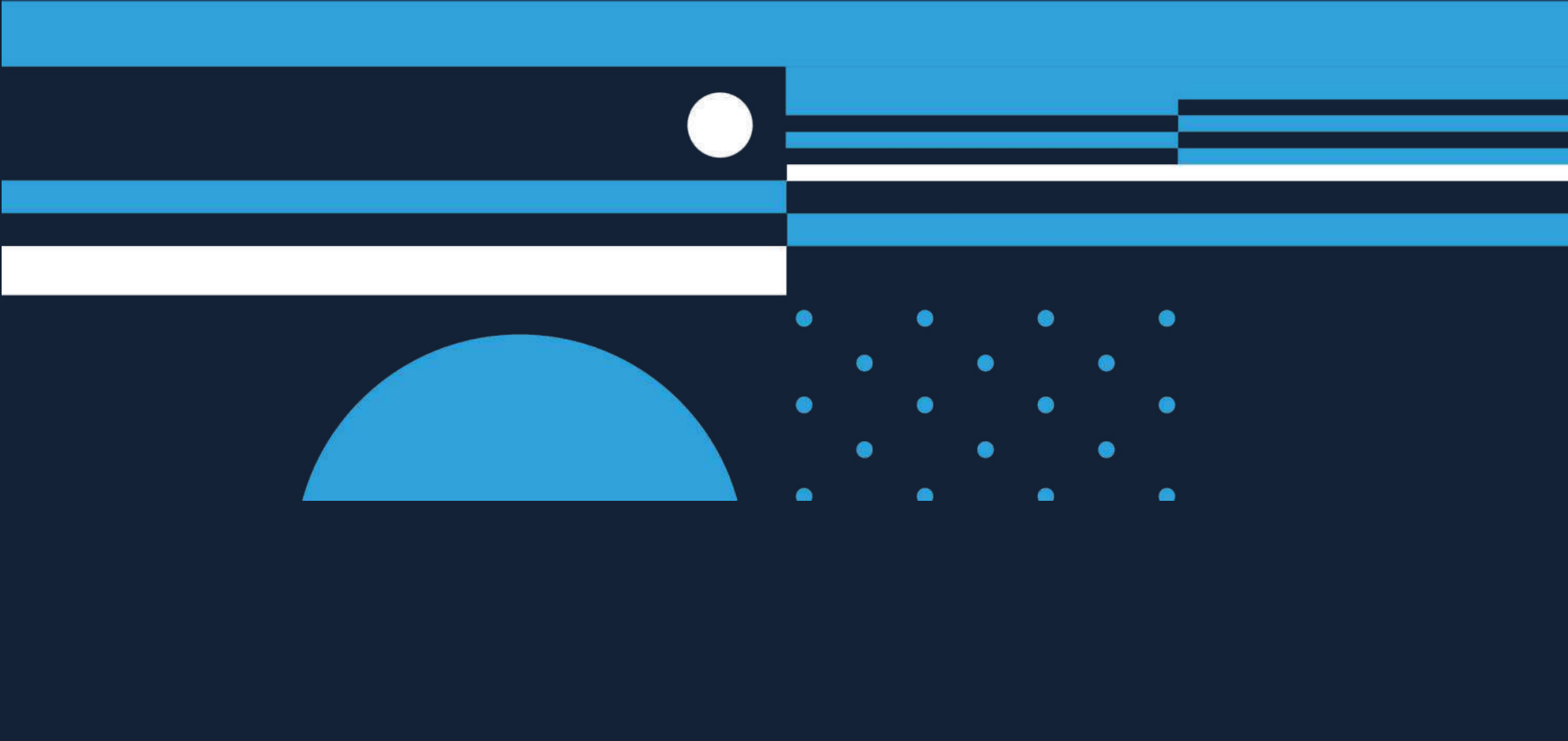
State of the art Report on the circular and sustainable design methodologies

Circularity Assessment of EPS & XPS current solutions and alternatives

▶ **MAIN OUTCOME**

METHODOLOGY & RESULTS

Product / Application Alternative	Circularity Indicators (Economic, Environmental, Social)				
	ID1	ID2	ID3	...	IDn
Alternative 1					
Alternative 2					
Alternative n					



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#becircular

www.wearesustainn.com
info@wearesustainn.com
www.oceanwise-project.eu

