



AGENDA

# Ecological aspects of microplastics:

## Final meeting JPI Oceans Projects

14-15 September 2023

Marine Institute - Rinville, Co.  
Galway, H91 R673, Ireland

JPI  
**OCEANS**



An Roinn Tithíochta,  
Rialtais Áitiúil agus Oidhreachta  
Department of Housing,  
Local Government and Heritage



*Foras na Mara*  
*Marine Institute*

# MEETING AGENDA

**Introduction:** The Joint Action "Ecological Aspects of Microplastics" was launched as one of JPI Oceans' pilot activities to study the sources, distribution and impact of microplastics in the marine environment. Since 2014, fifteen European countries and Brazil have committed 18.2 million Euro for 10 pan-European research projects on the ecological aspects of microplastics in the marine environment under the framework of JPI Oceans. Within the second call, [six projects](#) were selected for funding and started their work in 2020.

As we approach the end of the projects, the teams leading these endeavours will unveil their findings. This forum provides a crucial opportunity for interdisciplinary dialogue: scientists, policymakers, and funding entities will convene to dissect and discuss the research outcomes. Moreover, this assembly serves as a bridge to other European initiatives like the EU Mission: Restore our Ocean and Waters and the EU4Ocean Coalition for Ocean Literacy. Beyond the mere presentation of findings, the gathering seeks to strategise on efficient communication and knowledge transfer of these results, aiming for tangible, lasting impact.

A highlight of the meeting, in partnership with the [Plastic Pirates go Europe!](#) campaign, is a hands-on microplastics sampling exercise along the beautiful shores of Ireland, allowing hands on participation amongst attendees.

## DAY 1

<b>Registration</b>	08:30
<b>Welcome and introduction</b>	09:00
<ul style="list-style-type: none"><li>• Peter Grönwoldt, German Federal Ministry of Education and Research</li><li>• Niall McDonough, Chair JPI Oceans</li></ul>	
<b>How can project results contribute to the implementation of key policies? (TBC)</b>	09:30
<ul style="list-style-type: none"><li>• Luis Francisco Ruiz-Orejón, European Commission, Joint Research Centre</li></ul>	
<b>Mission Restore our Ocean and Waters and marine litter (TBC)</b>	09:50
<ul style="list-style-type: none"><li>• Michail Papadoyannakis and John Hanus, European Commission DG ENV and DG RTD</li></ul>	
<b>..... Coffee break &amp; group picture .....</b>	10:10

**Highlights and impact of the funded projects** 10:30

**Moderation: Jella Kandziora, JPI Oceans**

- ANDROMEDA - Analysis techniques for quantifying nano-and microplastic particles and their degradation in the marine environment – Coordinator: Richard Sempéré, Université d'Aix-Marseille, France
- HOTMIC - Horizontal and vertical oceanic distribution, transport, and impact of microplastics – Coordinator: Aaron Beck, GEOMAR Helmholtz-Zentrum für Ozeanforschung Kiel, Germany
- FACTS - Fluxes and Fate of Microplastics in Northern European Waters – Coordinator: Jes Vollertsen, Aalborg University, Denmark
- microplastIX - Integrated approach on the fate of MicroPlastics (MPs) towards healthy marine ecosystems - Luca Brandt KTH, Royal Institute of Technology, Sweden
- i-plastic - Dispersion and impacts of micro- and nano-plastics in the tropical and temperate oceans: from regional land-ocean interface to the open ocean – Coordinator: Patrizia Ziveri, Universitat Autònoma de Barcelona, Spain
- RESPONSE - Toward a risk-based assessment of microplastic pollution in marine ecosystems - Coordinator: Francesco Regoli, Polytechnic University of Marche, Italy

..... **Lunch** ..... 12:00

**Identification, characterisation and quantification of the major microplastic sources** 13:00

- Project presentations
- Q&A

**Transport, fluxes, and fate of microplastics in the marine environment** 14:00

- Project presentations
- Q&A

..... **Coffee Break** ..... 15:00

**Degradation and weathering of plastics in the marine environment** 15:20

- Project presentations
- Q&A

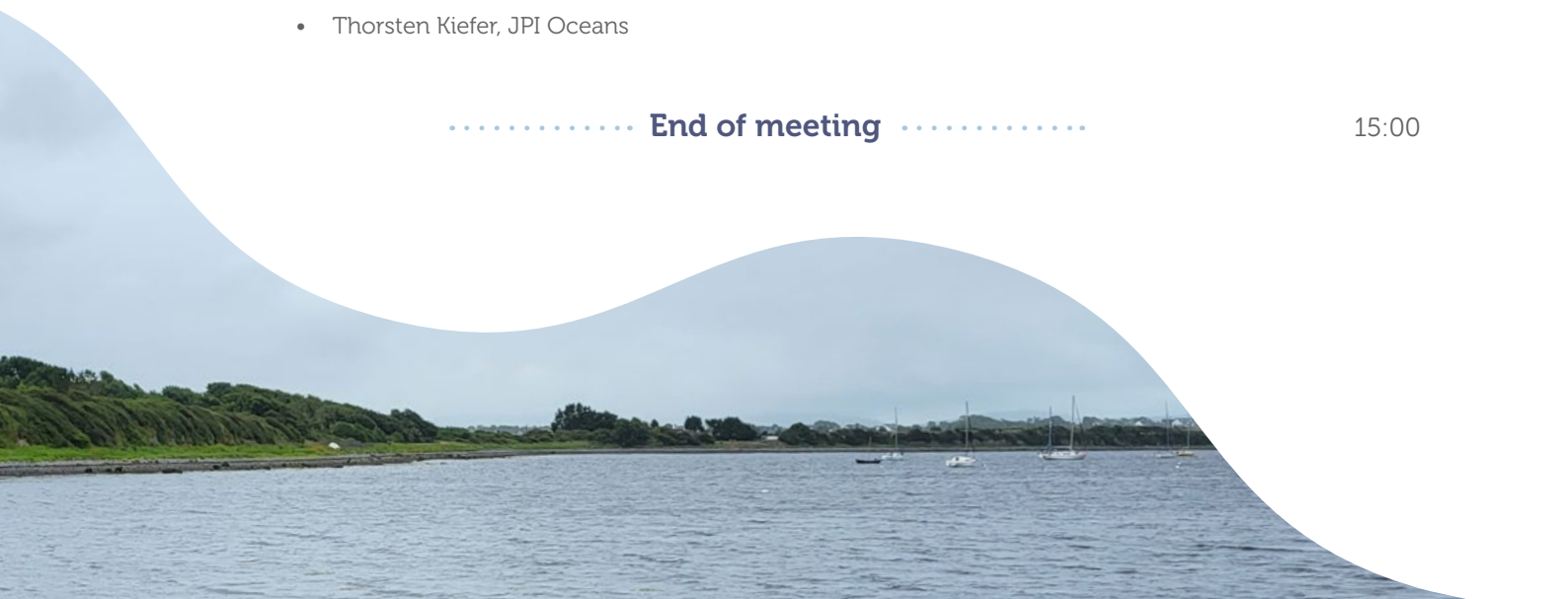
**Short summary and outlook** 16:20

**Presentation Plastic Pirates – go Europe! & joint sampling campaign** 16:30

..... **Dinner and surprise** ..... 19:00

## DAY 2

<b>Registration</b>		09:00
<b>Welcome &amp; summary of 1st day results</b>		09:30
<b>Session: Communication and dissemination</b>		09:45
<ul style="list-style-type: none"><li>• Project presentations</li><li>• Presentation EU4Ocean Coalition for Ocean Literacy</li><li>• Q&amp;A</li></ul>		
..... <b>Coffee break</b> .....		10:45
<b>New sampling and analytical methodologies</b>	<b>Ocean literacy session (in parallel)</b>	11:00
<ul style="list-style-type: none"><li>• Project presentations</li><li>• Q&amp;A</li></ul>	<ul style="list-style-type: none"><li>• Moderation: Pierre Strosser, EU4Ocean</li><li>• Ana Vitória Tereza De Magalhães, Ocean Literacy Consultant, IOC UNESCO</li><li>• Russell Amott, Educational Director, Incredible Oceans</li></ul>	
..... <b>Lunch</b> .....		12:30
<b>Risk assessment and eco-toxicological effects</b>	<b>Ocean literacy session (in parallel)</b>	13:30
<ul style="list-style-type: none"><li>• Project presentations</li></ul>	<ul style="list-style-type: none"><li>• Moderation: Pierre Strosser, EU4Ocean</li></ul>	
<b>Summary of ocean literacy session, outlook and farewell</b>		14:45
<ul style="list-style-type: none"><li>• Pierre Strosser, Acteon Environment, EU4Ocean Coalition</li><li>• Thorsten Kiefer, JPI Oceans</li></ul>		
..... <b>End of meeting</b> .....		15:00





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