



MAELSTROM



InNoPlastic

Second International Workshop | 1 June 2022

## Removal of Marine Litter and Circular Economy: Challenges and opportunities

PARTNER EVENT OF THE EU GREEN WEEK

 CNR-ISMAR, Arsenale, Tesa 104 Castello 2737/F, 30122 · Venice (Italy)



 **Link online:**  
<https://cnronline.webex.com/cnronline/j.php?MTID=m7f138cc9a33e6851cbd0e3e778ab916d>



in cooperation with:



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**1 June 2022**



## WELCOMING

10.00 **Introduction to the International Workshop**  
CNR ISMAR and VLPF

10.10 13th Commission for Environment and Territory  
Sen.Andrea Ferrazzi,  
Senate of the Republic of Italy

## PART 1

### INTRODUCTION

10.20 **Introduction to H2020 MAELSTROM**  
Fantina Madricardo, CNR ISMAR (Italy)

10.30 **Introduction to H2020 InNoPlastic**  
James Comeford, Sintef (Norway),

10.40 **Introduction to H2020 SEACLEAR**  
Stephan Sosnowski, Technical University of Munich (Germany)

10.50 **Introduction to ITA-HR INTERREG MARLESS**  
Andrea Torresan, ARPA Veneto (Italy)

11.00 **Round Table with Q&A**

11.10 Break

## PART 2

### ML MONITORING AND REMOVAL TECHNOLOGIES

Chaired by: Fantina Madricardo CNR (Italy)

11.20 **ML monitoring with the MAELSTROM app**  
VLPF/GEES Recycling (Italy)

11.30 **SWAMP for MAELSTROM**  
CNR-INM (Italy)

11.40 **Underwater cable robot for the Seabed Cleaning Platform (MAELSTROM)**  
Tecnalia (Spain)

11.50 **Machine learning for marine debris collection (SEACLEAR)**  
Technical University of Munich (Germany)

12.00 **Aquatic robot for surface marine litter collection (MARLESS)**  
UniBo (Italy)

12.10 **SEEKer Robot (InNoPlastics)**  
Probotica (Croatia)

12.20 **MAELSTROM Bubble Barrier**  
TGBB (The Netherlands)

12.30 **River Cleaning**  
MOLD (Italy)

12.40 **Innovative Microplastics filtration system for washing machines and marinas**  
Clara.One (Slovenia)

12.50 **WasteShark**  
RanMarine Technology

13.00 **Round Table with Q&A**

13.15 **Lunch break**

## PART 3

### CIRCULAR ECONOMY OF MARINE LITTER

Chaired by: Davide Poletto VLPF (Italy)

14.40 **MAELSTROM ML Low Temperature pyrolysis**  
Sintol Srl (Italy)

14.50 **MAELSTROM Floating solar panels**  
University of Malta (Malta)

15.00 **New life to upcycled plastic with Large Format 3D Printing: the Beluga case study**  
Caracol (Italy)





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15.10	<b>MARLESS Plastic pyrolysis in a circular economy perspective</b> University of Bologna (Italy)
15.20	<b>Potential Exploitation of Marine Litter for fashion accessories and footwear sector</b> EMI (Italy) - ISDI (Malta)
15.30	<b>HAAS Synchronicity Ressourcing manufacturing: the Waste Value Makers</b> Synchronicity (France)
15.40	<b>Innoplastic - Societal Awareness of marine litter pollution and remediation in Europe</b> University of Ca' Foscari and VLPF (Italy)
15.50	<b>Round Table with Q&amp;A</b>
17.00	<b>CLOSURE OF THE MEETING</b>



Are you a researcher, practitioner, policymaker, operator or entrepreneur working within the topics of marine plastic litter remediation and circular economy?

Join our Stakeholder's Forum and contribute to the design of a Joint Strategy to increase the communication and dissemination efforts of ongoing initiatives within the European space and beyond, at: [www.maelstrom-h2020.eu](http://www.maelstrom-h2020.eu)



Scan me!

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**Venice Lagoon Plastic Free**  
Gherardo Toso  
Davide Poletto  
Abigail Prowse



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[www.maelstrom-h2020.eu](http://www.maelstrom-h2020.eu)

[www.innoplastic.eu](http://www.innoplastic.eu)

**Participation in the International Workshop is limited to invited lecturers and guests**



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