









## Second International Workshop | 1 June 2022

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

PARTNER EVENT OF THE EU GREEN WEEK







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Removal of Marine Litter and Circular Economy: Challenges and opportunities

### 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), Introduction to H2020 SEACLEAR 10.40 Stephan Sosnowski, Technical University of Munich (Germany) Introduction to ITA-HR INTERREG MARLESS 10.50 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) ML monitoring with the MAELSTROM app 11.20 VLPF/GEES Recycling (Italy) SWAMP for MAELSTROM 11.30 CNR-INM (Italy) Underwater cable robot for the Seabed Cleaning Platform 11.40 (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) **MAELSTROM Bubble Barrier** 12.20 TGBB (The Netherlands) 12.30 **River Cleaning** MOLD (Italy) Innovative Microplastics filtration system 12.40 for washing machines and marinas Clera.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) MAELSTROM ML Low Temperature pyrolysis 14.40 Sintol Srl (Italy) MAELSTROM Floating solar panels 14.50 University of Malta (Malta) New life to upcycled plastic with Large Format 15.00 3D Printing: the Beluga case study

Caracol (Italy)

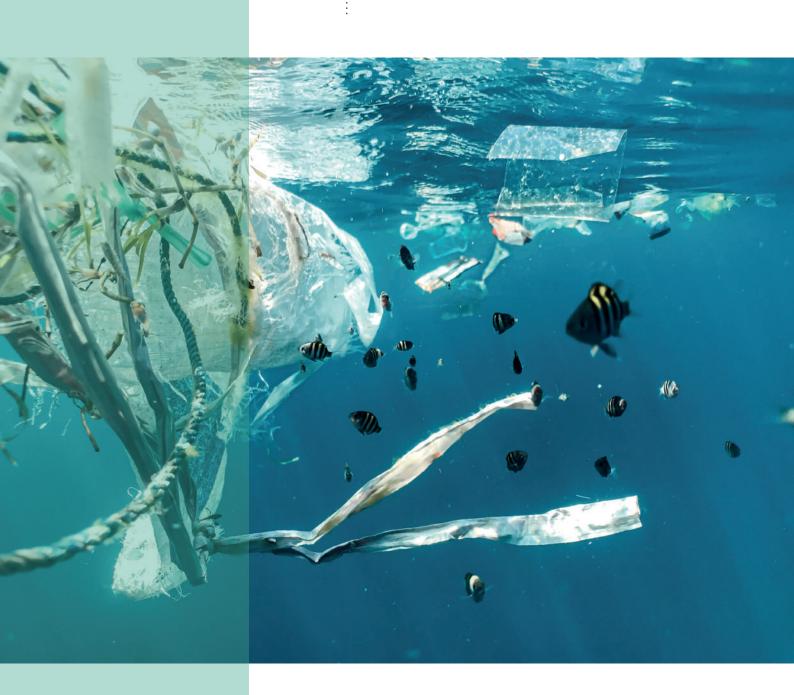




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MARLESS Plastic pyrolysis in a circular 15.10 economy perspective University of Bologna (Italy) Potential Exploitation of Marine Litter for 15.20 fashion accessories and footwear sector EMI (italy)- ISDI (Malta) HAAS Synchronicity Ressourcing manufacturing: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



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



#### **WORKSHOP ORGANIZERS** AND CONTRIBUTORS:

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♥ CNR-ISMAR, Arsenale, Tesa 104

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