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
# International Workshop on Removal of Marine Litter and Circular Economy: Challenges and Opportunities

## Part 1: Introduction

- **10.00** WELCOMING
  - 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 2: ML Monitoring and Removal Technologies

- **10.20** INTRODUCTION
  - 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 3: Circular Economy of Marine Litter

- **11.30** ML Monitoring and Removal Technologies
  - Chaired by: Fantina Madricardo CNR (Italy)

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

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

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

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

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

- **12.30** SEEKer Robot (InNoPlastics)
  - Probotica (Croatia)

- **12.40** MAELSTROM Bubble Barrier
  - TCBB (The Netherlands)

- **13.00** River Cleaning
  - MOLD (Italy)

- **13.15** Innovative Microplastics filtration system for washing machines and marinas
  - Clera.One (Slovenia)

- **13.30** WasteShark
  - RanMarine Technology

- **13.45** Round Table with Q&A

- **14.00** Lunch break

## Part 4: CIRCULAR ECONOMY OF MARINE LITTER

- **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)
圆桌对话与问答

1月6日 2022年

移除海洋垃圾和循环经济：挑战与机遇

15:10
MARLESS 塑料热解在循环经济视角
University of Bologna (Italy)

15:20
潜在的海洋垃圾在配饰和鞋类行业中的利用
EMI (Italy)- ISDI (Malta)

15:30
HAAS 与 Synchronicity 赋值制造
Synchronicity (France)

15:40
Innoplastic - 社会意识海洋垃圾污染和修复
University of Ca’ Foscari and VLPF (Italy)

15:50
圆桌对话与问答

17:00
会议闭幕
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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Anna Romano
Rita Visigalli

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Fantina Madricardo
Vanessa Moschino
Michol Ghezzo

I.S.D.I. GROUP
Manuel Scarpa
Carla De Carolis

Salone Nautico Venezia
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Venice Lagoon Plastic Free
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