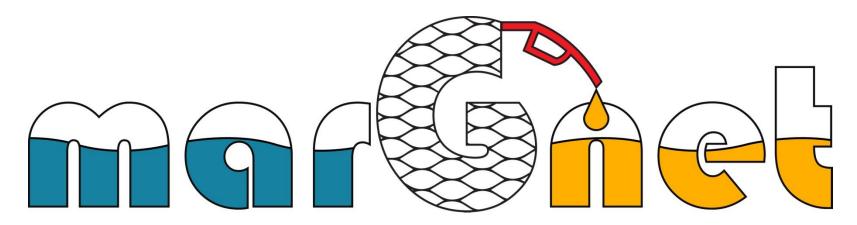
Mapping and recycling of marine litter and Ghost nets on the sea-floor



Fantina Madricardo, CNR Gian Claudio, Sintol Srl

Transforming Plastic Litter into New Chemicals? Opportunities and Challenges for Innovative Pyrolysis Plants

















Deltares



























5 PARTNER

EU contribution granted -

488,575 € (80%)

Duration 24 months

www.margnet.eu





MArinE Litter SusTainable RemOval and Management

14 PARTNER

EU contribution granted -5,988,295.63 € (87%)

Duration 48 months

www.maelstrom-h2020.eu



Co-funded by the Horizon 2020 programme of the European Union



Co-funded by the European Maritime and Fisheries Fund



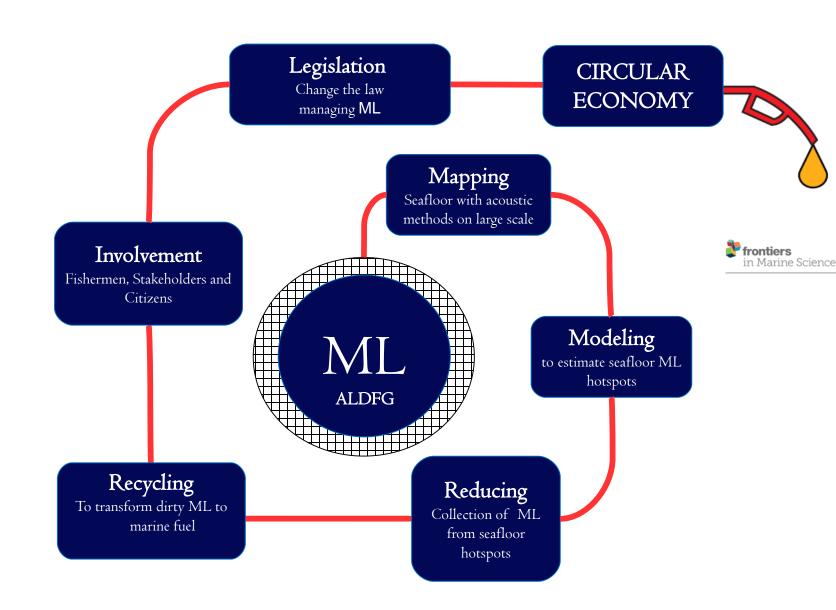










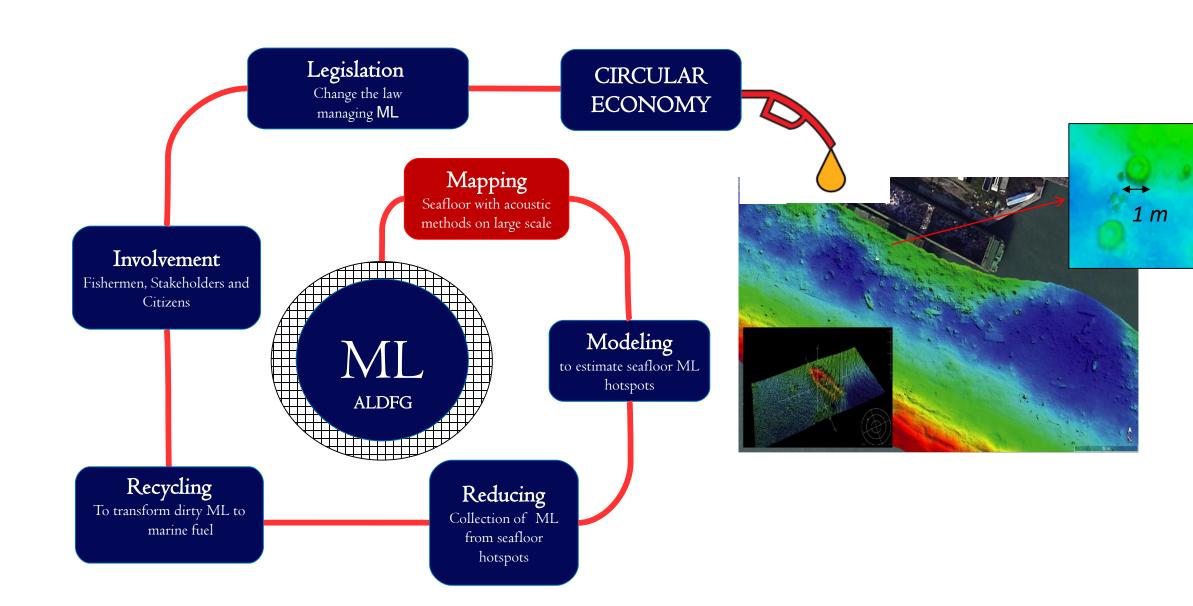


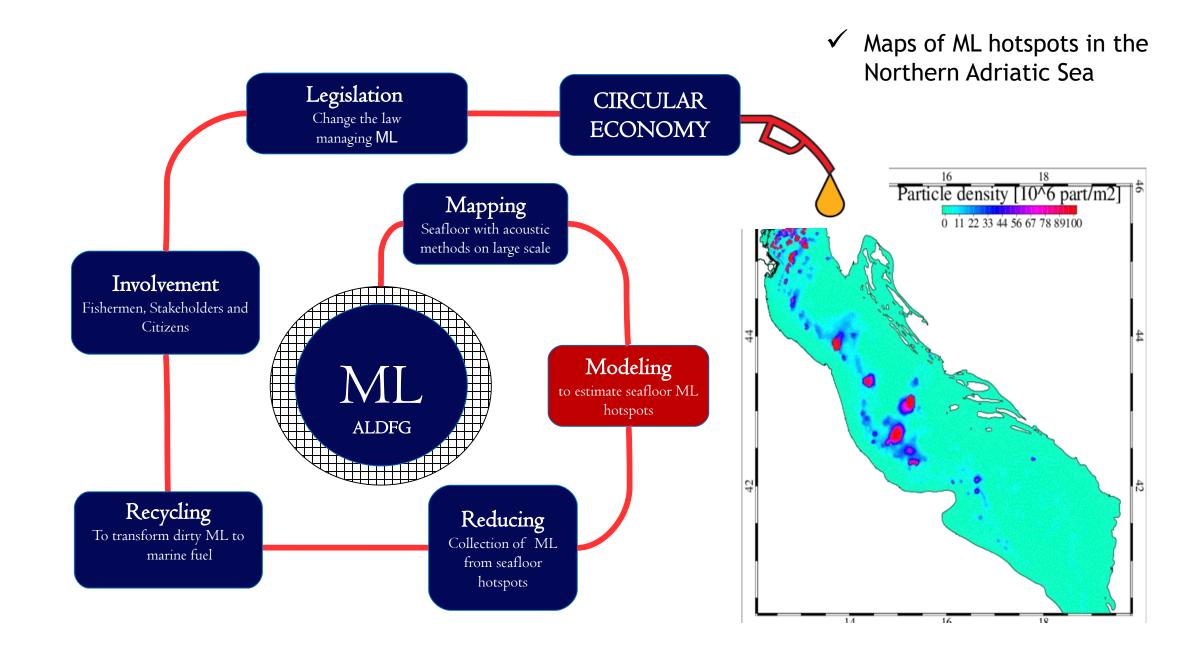
published: 30 September 2020 doi: 10.3389/fmars.2020.505134

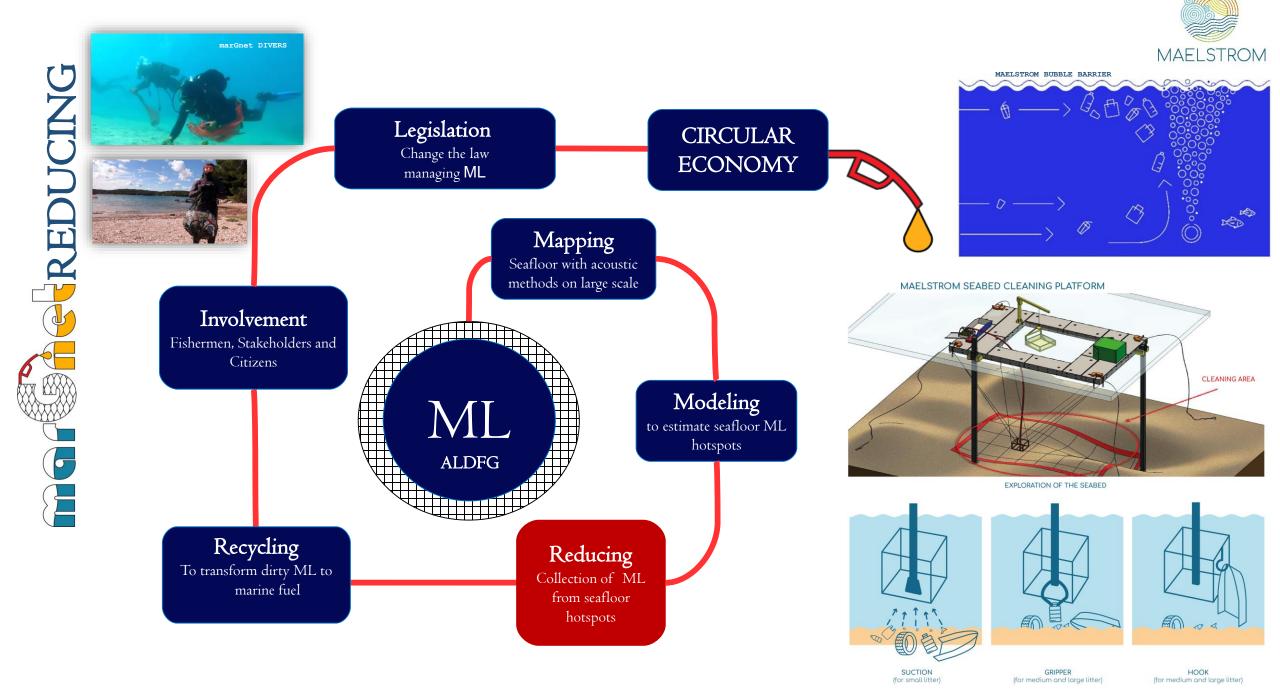
How to Deal With Seafloor Marine Litter: An Overview of the State-of-the-Art and Future **Perspectives**

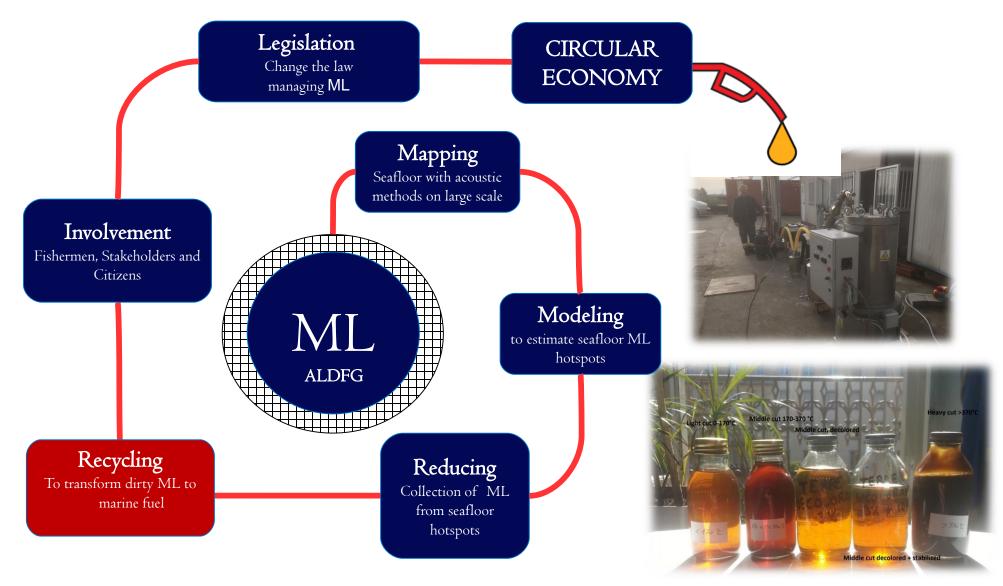
Fantina Madricardo 1*, Michol Ghezzo1, Nicoletta Nesto1, William Joseph Mc Kiver1, Gian Claudio Faussone², Riccardo Fiorin³, Federico Riccato³, Peter Charles Mackelworth^{4,5}, Jelena Basta⁴, Francesca De Pascalis¹, Aleksandra Kruss¹, Antonio Petrizzo¹ and Vanessa Moschino¹

1 Istituto di Scienze Marine-Consiglio Nazionale delle Ricerche, Venice, Italy, 2 SINTOL Srl, Turin, Italy, 2 Laguna Project s.n.c, Venice, Italy, & Blue World Institute of Marine Research and Conservation - BWI, Veli Losinj, Croatia, & Institute for Tourism, Zagreb, Croatia









RECYCLING MAIN RESULTS

- ✓ Development and test of low temperature pyrolysis prototype for ML recycling into marine fuel
- ✓ Over 250 Kg overall material processed without pre-treatment during project period

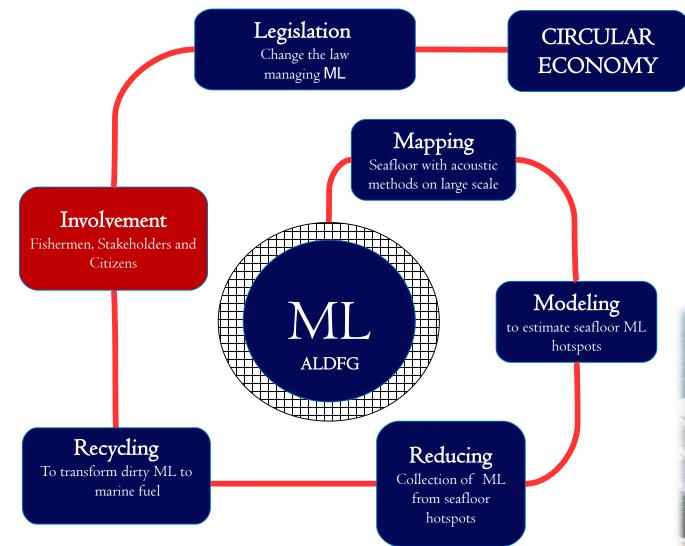
















INVOLVEMENT

- ✓ **Involvement of fishermen** through seminars, infographics, questionnaires
- ✓ Involvement of citizen through events and art exhibitions (clean ups,WOD and NET)
- ✓ Dissemination of the project at large scale events (ECOMONDO and FAIR) and demostrations
- ✓ Public demostastation in Chioggia to test the prototype 14 May 2021 at the fish market (local authorities, fisherman and schools involved)









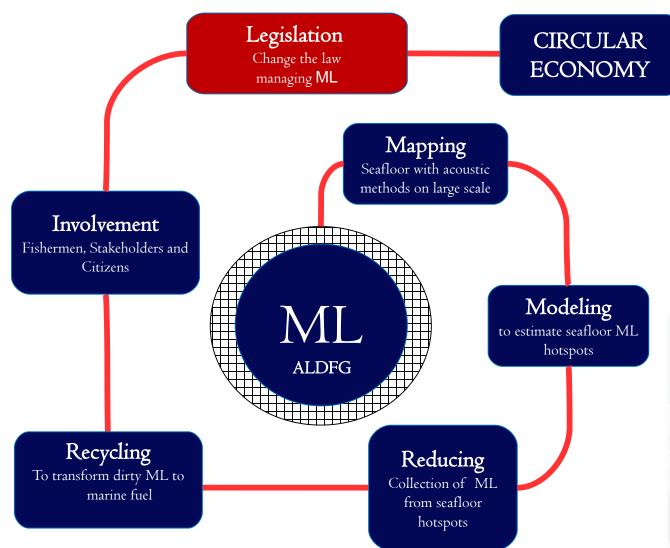
















LEGISLATION and MEDIA

- ✓ Involvement of relevant political stakeholders to overcome legislative barriers
- ✓ Hopefully the media interest awaken by marGnet will help to induce legislative changes

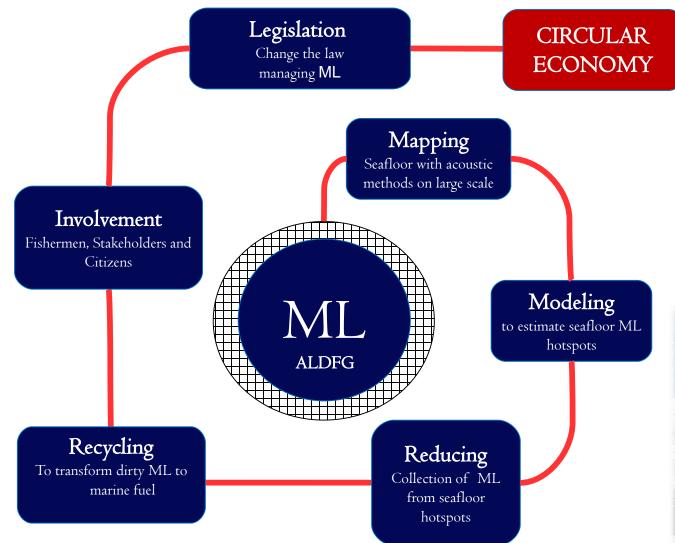






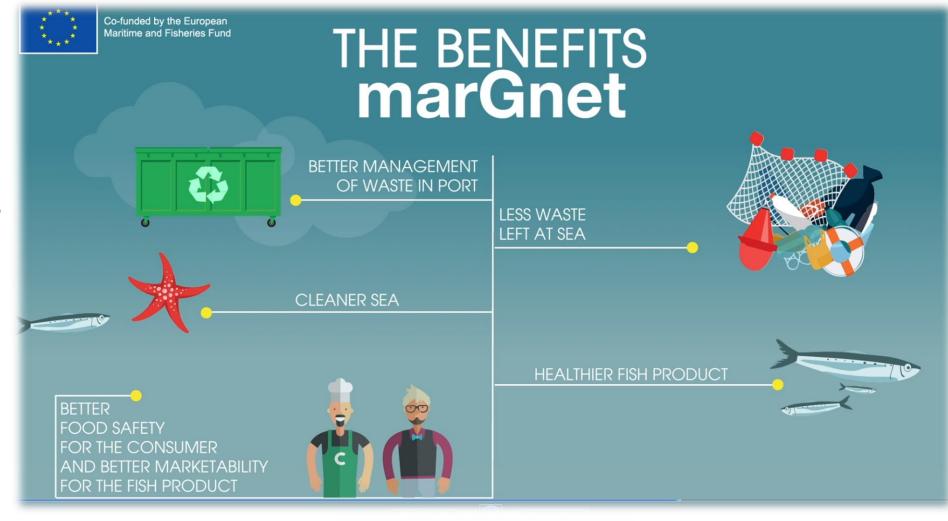




















WE NEED YOUR HELP TO CLOSE THE CIRCLE!

- ✓ Political support to change the legislation in order to be able to produce new resources from ML
- ✓ Stakeholders support to locally adopt and implement these
 technological solutions in ports and coastal areas

THANK YOU FOR THE ATTENTION!

Please contact us:

info@maelstrom-h2020.eu

fantina.madricardo@ismar.cnr.it

To know more please visit:

www.margnet.eu and www.maelstrom-h2020.eu







