Experiences from Early Adopters in EOSC RELIANCE Open challenge for Sustainable Development

# H2020 AS AN EARLY ADOPTER

6<sup>th</sup> December 2022 – online https://webinar22.eoscfuture.eu/registration/



#### H2020 AS AN EARLY ADOPTER:

The case Study of the Smart technology for MArinE Litter SusTainable RemOval and Management (MAELSTROM) Project

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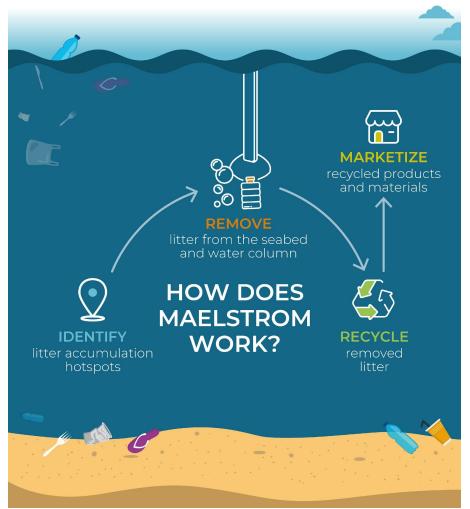
Plenary meeting 6th December 2022







# H2020 MAELSTROM PROJECT IN A NUTSHELL



MULTIDISCIPLINARY COMMUNITY: ENVIRONMENTAL SCIENCE, ROBOTICS AND ENGINEERING, RECYCLING, CIRCULAR ECONOMY

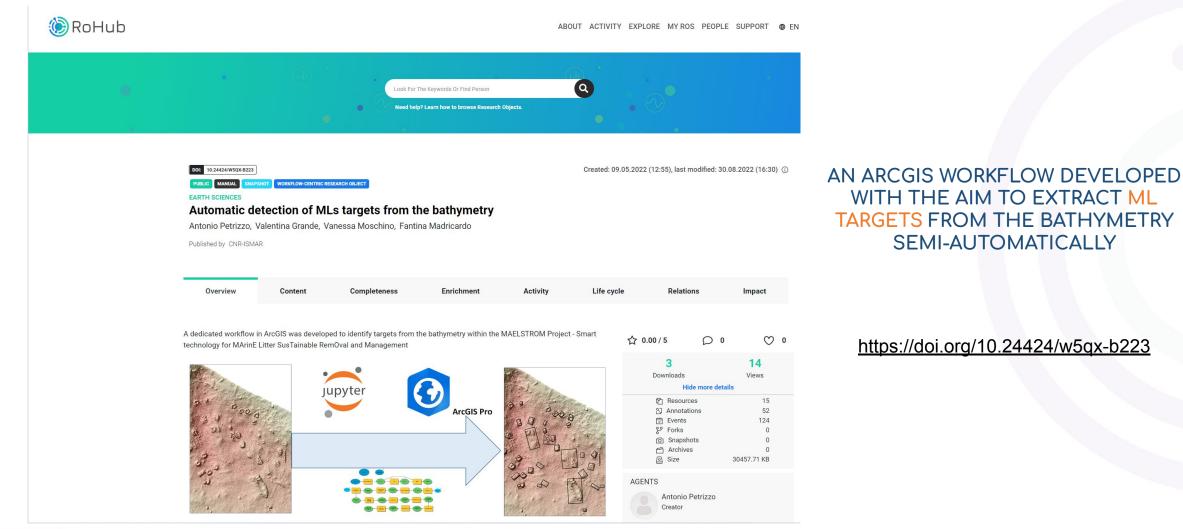


https://www.maelstrom-h2020.eu/





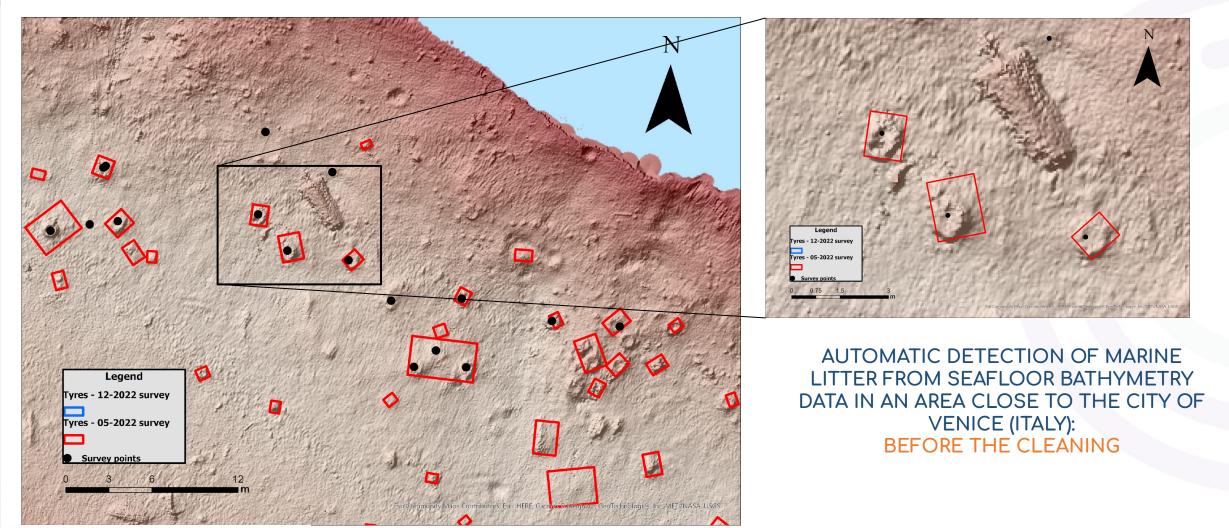
## ML HOTSPOT IDENTIFICATION







#### **RESEARCH OUTCOMES**



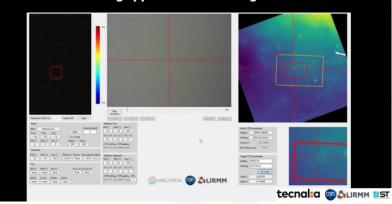




### **RESEARCH OUTCOMES**



Realtime RTK-GPS positionning to move the robot and gripper above the target and dive



https://youtu.be/1EVQm-0yyRY

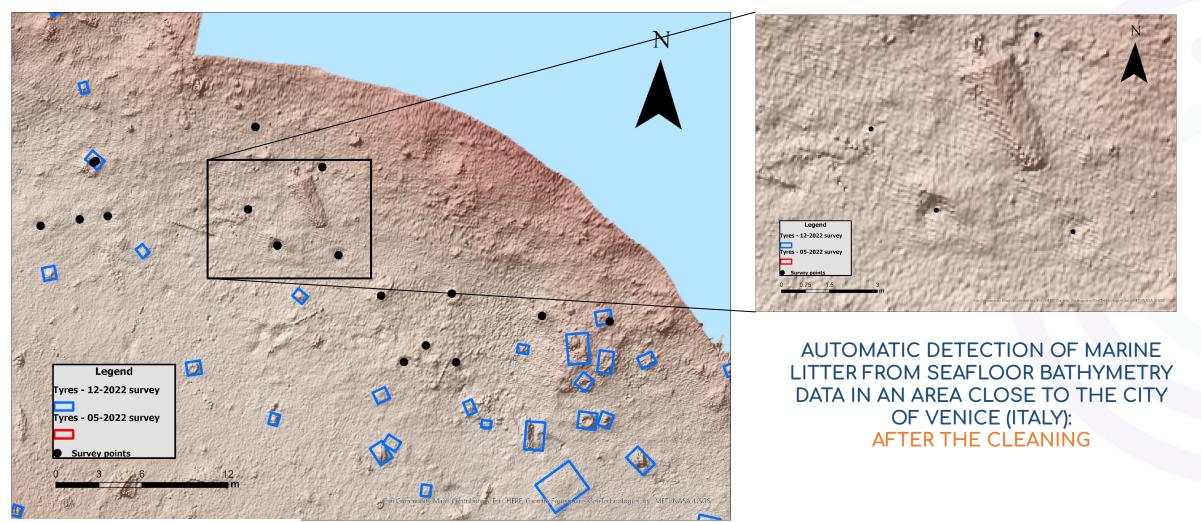






Co-funded by the Horizon 2020 programme of the European Union REMOVAL ACTIVITY WITH THE MAELSTROM SEABED CLEANING PLATFORM IN SEPTEMBER 2022 IN VENICE

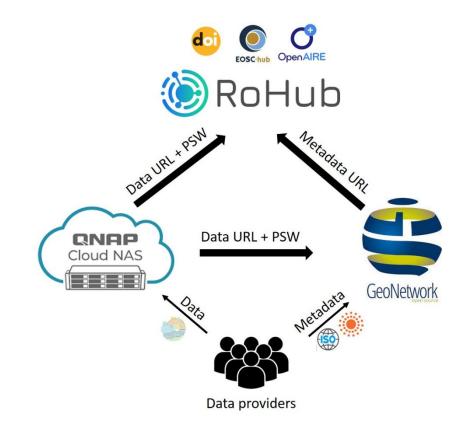
#### **RESEARCH OUTCOMES**







## FINAL CONSIDERATIONS AND REMARKS



- INERTIA OF THE DIFFERENT COMMUNITIES TO ADOPT THIS
  NEW APPROACH
- MAELSTROM IS MAKING ITS DATA FAIR ALSO THANKS TO THE EOSC-RELIANCE SERVICES
- IMPORTANT TO MAKE THE SERVICES EASILY ACCESSIBLE ALSO TO NON COMPUTER EXPERTS
- EASY DOCUMENTATION OF THE WHOLE RESEARCH LIFECYCLE IN EUROPEAN PROJECT







#### Thank you for your attention!

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