



STRONG Sea LIFE

Survey and Treatment ON Ghost Nets

ISPRA Italian Institute for Environmental Protection and Research



Agris

Agenzia pro sa chera in agricultura
Agenzia regionale per la ricerca in agricultura



REGIONE AUTONOMA
DE SARDIGNA
REGIONE AUTONOMA
DELLA SARDEGNA



in collaborazione con
Polizia di Stato



Who we are?

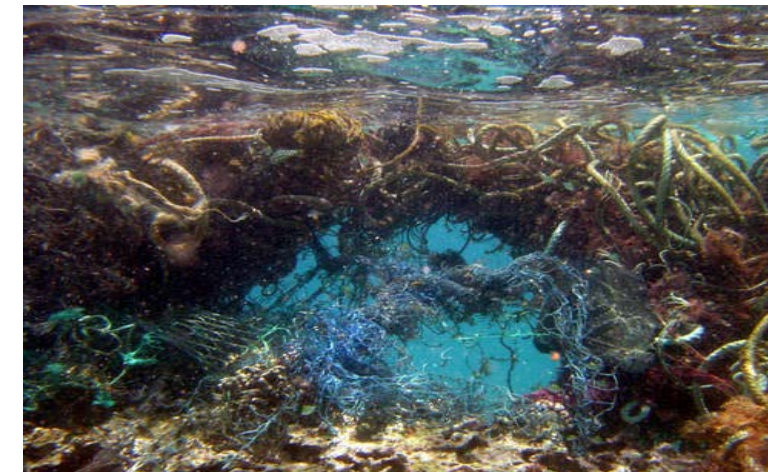
STRONG Sea partnership: a powerful and well built team!



Project Coordinator: *ISPRA Italian Institute for Environmental Protection and Research*

Associated Beneficiaries:

- 🐟 CFVA Regione Sardegna
- 🐟 Marine Protected Area Isola dell'Asinara
- 🐟 AGRIS Agency for scientific research
- 🐟 MCM Consorzio Coop. Produzione Lavoro
- 🐟 Petra Patrimonia Corsica



Our mission: To protect and improve conservation status of the habitats *Posidonia oceanica* beds and Coralligeneous reef, both included in Habitat Directive (92/43/EU), facing the threat of **ALDFG**: Abandoned, Lost or otherwise Discarded Fishing Gear.



Study Area:

Gulf of Asinara and North Western coast of Sardinia



Main objectives:

- ✓ Data collection, Survey and Mapping of ALDFG
- ✓ Site-specific technique to face threat and Protection measures
- ✓ From ALDFG recovery to a correct disposal and recycling
- ✓ Guidelines to address interventions (removal and inactivation)
- ✓ Raising Awareness of the problem



Key actions:

Update

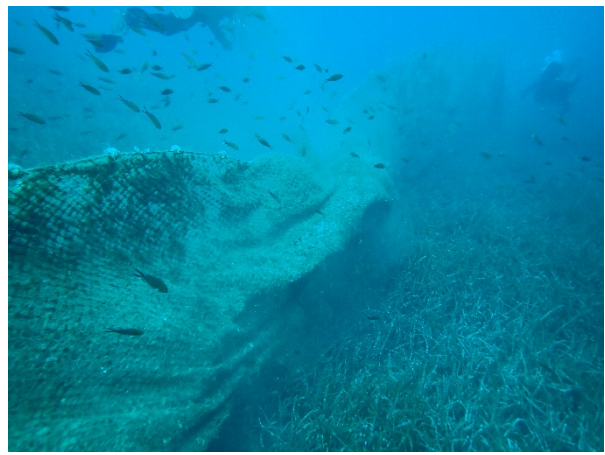
Removal or Inactivation

Environmental assessment

Collection, Disposal, Recycling

Guidelines

Public awareness & dissemination



First results

- ✓ 2 assessment surveys (July 2022 , February 2023)
 - ✓ A survey for ALDFG removal (October 2022)
 - ✓ 60 Side Scan Sonar transects
 - ✓ 22 hours of ROV recording
 - ✓ Recovery of about 2,5 tons of ALDFG , about 2 km length
 - ✓ 3000 m² of *Posidonia oceanica* meadows clean by ALDFG
 - ✓ 1000 m² Coralligeno reef clean by ALDFG
 - ✓ More than 20 species identified
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- ✓ Recycling: contacting with EU recycling companies, networking with H2020 projects on the same topic
 - ✓ Promotion of REUSE
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- ✓ Replicability: 2 areas assessed
 - ✓ Update, promotion and use of SEAWatcher APP that allows to report the location of ALDFGs by fishermen, sailors and recreational divers
 - ✓ 4 events for environmental education with school
 - ✓ 3 events with fishermen



Contacts

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