

Oil Spill
Response

Marine
Solutions

Emergency
Services

Incident
Training



New Naval



New Naval

Tristan Owens
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- Established in 1978
- Based in Lavrio, Greece
- Leading Greek environmental company
- One of the most reliable European manufacturers of:
 - Oil spill response solutions
 - Marine and coastal environmental protection equipment
- Innovative equipment solutions for a variety of environmental scenario



(TRASH)
The
Tactical
River
Accumulation
System
Hellas



CLAIM

(Cleaning Litter by developing & Applying Innovative Methods in European Seas)

supports this innovative project. CLAIM receives funding from the European Union's Horizon 2020 research and innovation program under Grant agreement No 774586.

New Naval has developed an original technology specifically devised to **prevent visible litter from entering the sea** from river mouths and waterways. The technology efficiently **recovers, contains and facilitates the removal** of litter.

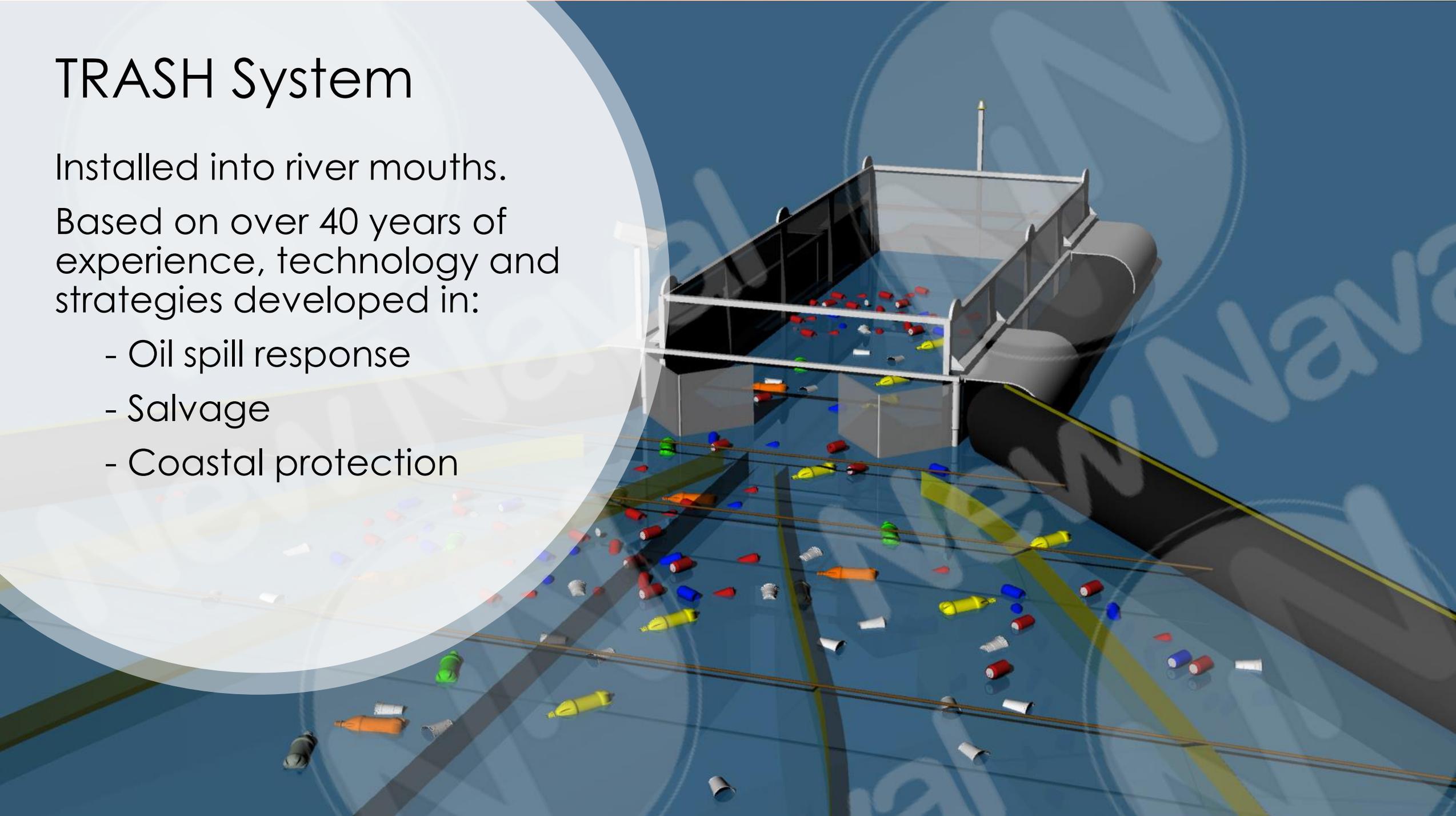


TRASH System

Installed into river mouths.

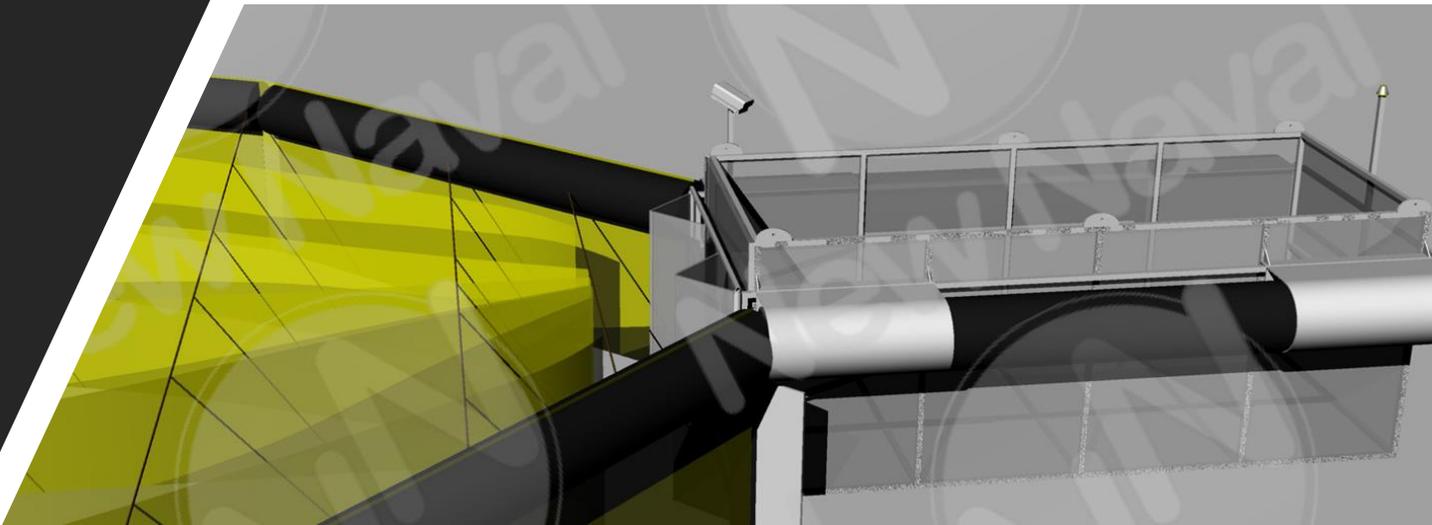
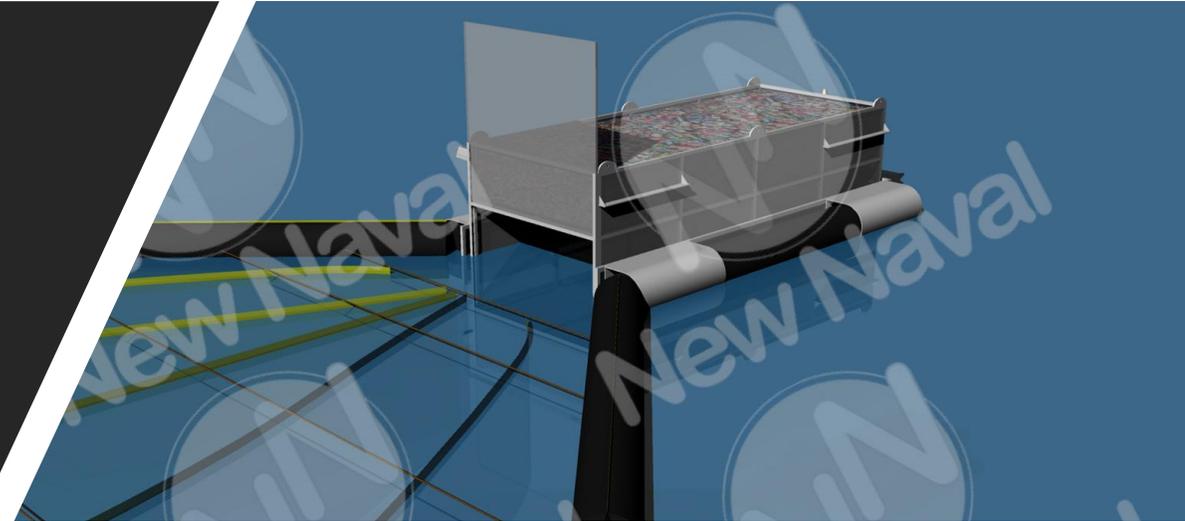
Based on over 40 years of experience, technology and strategies developed in:

- Oil spill response
- Salvage
- Coastal protection



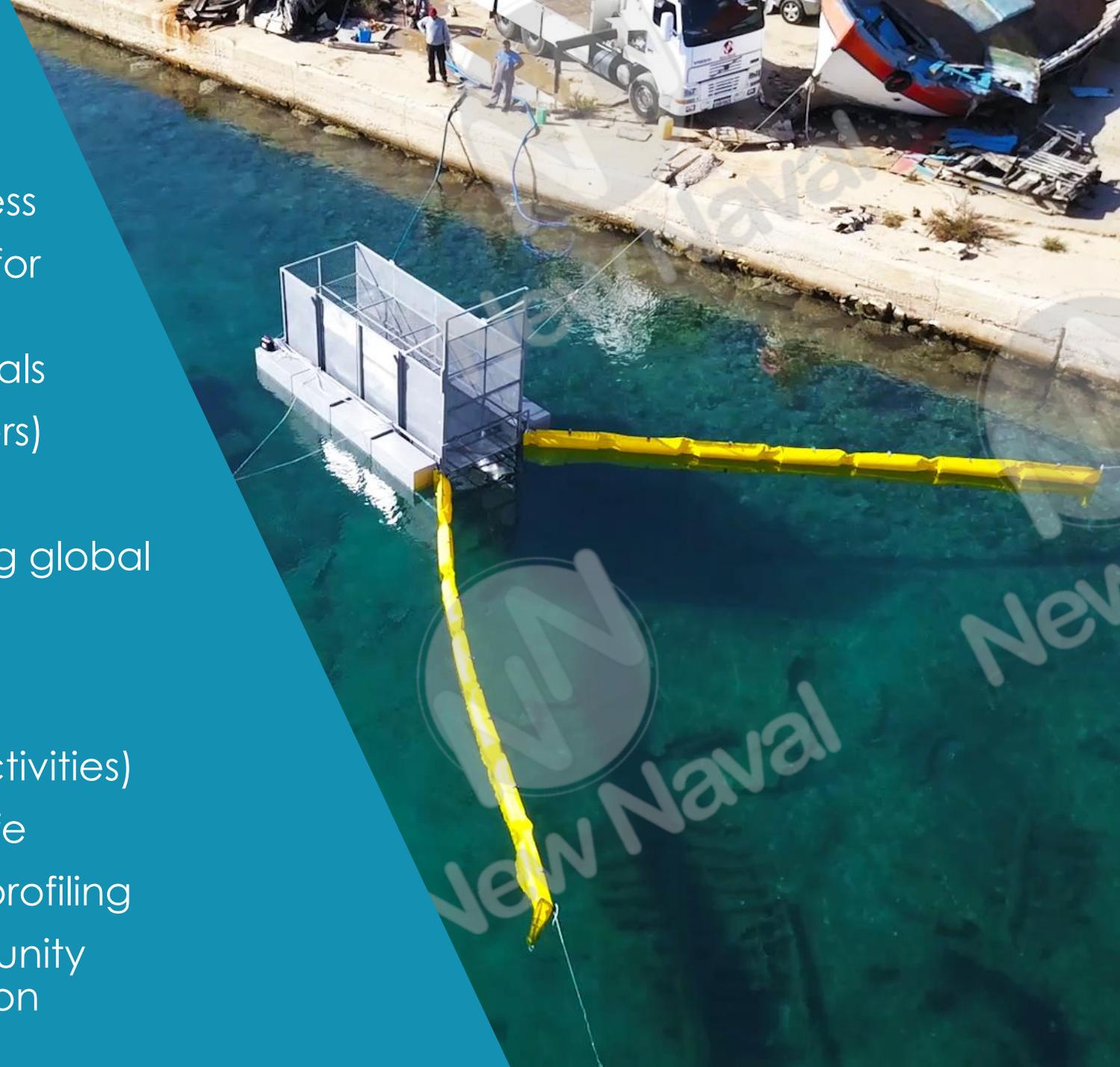
System Overview

- Corrals trash to collection cage
- Remote monitoring and activation system (solar powered)
- Robust and durable, built for long-term installations and to handle larger debris
- Unique compression system uses salvage tech, 3 levels
- Increased storage capacity; limited in similar systems
- Removable collection cage



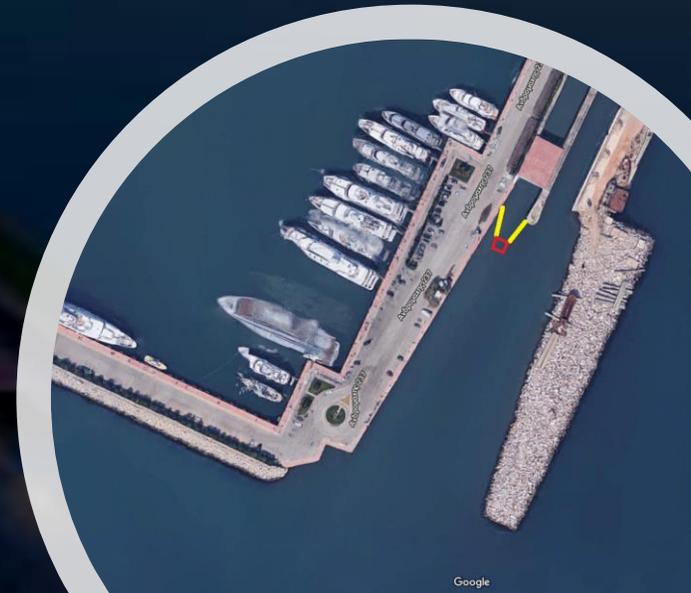
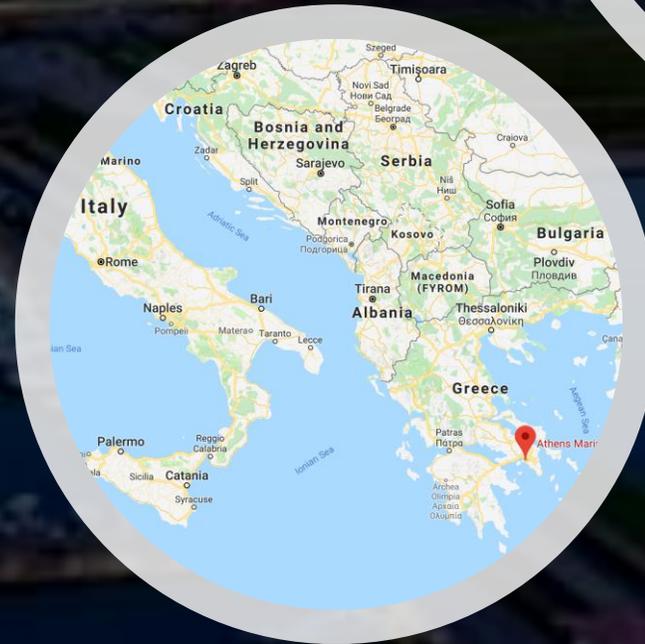
TRASH System

- Improved storage/collection process
- Applicability (custom applications for varying scenarios)
- Large amounts of collected materials
- Scalability of the system (size matters)
- Modularity for different operations
- Address social responsibility growing global problem
- Reduce plastic in communities
- Protects valuable and sensitive environments (beaches/coastal activities)
- Reduce plastics affecting marine life
- Collects litter data for studies and profiling
- Large installation generates community interest and promotes positive action



Primary Installation Location (Greece)

- Kifissos River
- CLAIM/HORIZON 2020
- PR campaign
- Gather data



Future Developments

- Potential clients or investors for new systems within Europe
 - Municipalities/Governments/Regulatory agencies
 - Location based businesses
 - Investors addressing social responsibility
- Potential co-sponsorship of patent
- Waste management partnerships
- Research into next potential installation sites
- Potential crowdfunding for specific installations
- Growing market and global demand for these types of systems, focus to improve mandates and regulations

Thank you for your time.



New Naval

Protection, preservation & restoration
of the environment since 1978.

www.newnaval.gr

Video Credits:



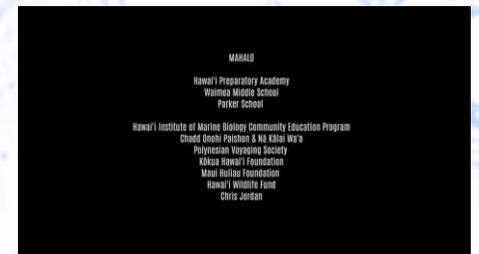
Are You Eating Plastic for Dinner?
National Geographic
www.youtube.com/watch?v=FjT8GG0ETQg



Drowning in Plastic
BBC
www.youtube.com/watch?v=RgffbQ7Ithg



How We Can Keep Plastics Out of Our Ocean
National Geographic
www.youtube.com/watch?v=HQTUWK7CM-Y



Plastic Pollution, Our Oceans, Our Future...
Douglas McCauley
www.youtube.com/watch?v=YGBpHYLNtRA