

OC-Tech “The first efficient recovery vessel of marine debris, hydrocarbons, microplastics and microalgae in surface”



This project has received funding from the European Union's Horizon 2020 research and innovation programme under grant agreement No 783773 - OC-TECH



Ocean Cleaner Technology develops the OC-Tech vessel, a multitask catamaran with under deck cutting edge collection and cleaning capacity for marine debris, hydrocarbon spills and microalgae/plastics cleanups.

The **OC-Tech** vessel also can perform all necessary requirements for a modern overall management of ports and near shore areas.



The design of the **OC-Tech** vessel, its cleaning systems and procedures are all protected by international patents.



Ocean Cleaner Technology has been granted finance for both PHASE 1 & PHASE 2 of the European Union HORIZON H-2020 program.

The OC-Tech vessel has been classified as an excellent, profitable, disruptive and innovative project.



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Big opportunities for OC-Tech



- The OC-Tech is an innovative multitask vessel = Productive every day.
- Patented solution for collection of hydrocarbons, microplastic and microalgae, as well as, all floating marine litter.
- Our technology has been tested and proven in real-life environment & received the Seal of Excellence from the EU H2020



2 Units sold to a Government of the Canary Island

Launch May'19



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The OC-Tech – General features



- The **OC-Tech** is a multitask catamaran vessel
- Operating speed: + **3 knots**
- Maximum load displacement: **19,4 Tons**
- Capacity on deck: **18 universals pallet**
- Full Length: **10,74 m**
- Classified in **Group III, T level**, it sails and operates in **waters up to 20 miles** from shore.

The OC-Tech = Cost effective & Profitable

Interport worktask

- Load & stowage
- Transport
- Dock cleaning

Extraport worktask

- Ship provisioning
- Deployment of barriers
- Prospection & surveys
- Beaconing
- Diving platform

Emergency Response and Recovery Vessel - ERRV

- Floating marine litter
- Hydrocarbons
- HABs – Harmful microalgae blooms
- Microplastic
- Macroalgae –Sargasso



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The OC-Tech a unique ship in the world

THE OC-TECH COLLECTS AND STORES ANY SPILL AND FLOATING MARINE WASTE



Microplastics



Microalgae blooms



Hydrocarbons and oils



Marine debris

The OC-Tech = Effective management & Circular economy

1st Response vessel

- Fast acting on arrival, identification & readiness

3rd Debris separation & continuous spill concentration

- Debris, microplastics and microalgae bloom are collected, concentrated and the clean water flows back into the sea

2nd Collection & cleaning

- The main collection system is totally integrated under deck

4th Competent waste management

- Value treatment of waste for circular economy



PIONEER IN CLEANTECH



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THANK YOU FOR YOUR TIME

Please contact us if further questions

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