

A catamaran boat patented in Cádiz cleans up waste whilst carrying passengers

LOCATION: El Puerto de Santa María, Cádiz

DURATION: 1'34"

SUMMARY: It's a creation by the Cádiz company Oceancleaner Technology, a catamaran with a rubbish collection system installed between its two keels, which can also separate liquids and solids. The ship can be used for other services like passenger transport, given that the collection system is located below deck. Local authorities and businesses in Qatar and Brazil have shown interest in it as well.

VTR:

Docked in El Puerto de Santa María, this catamaran boat designed by a company in Cadiz, is capable of travelling the sea whilst cleaning up pollution.

JUANMA MONTES
Skipper

"Although it's meant for the collection of hydrocarbons, it picks up anything floating on the ocean surface."

The key is in the collection system. As a catamaran, it has two keels and two hulls. Between them is a port of entry and a kind of collector for waste material. Inside, liquids and solids are separated. Hydrocarbons pass through by decantation into a storage facility.

ENRIQUE CARABALLO
Oceancleaner Technology

"We can collect all of the residue, package it and return it to the sea with a patented locking and surveillance system."

Another boat then pulls out these packages, whilst the catamaran continues to collect waste.

JUANMA MONTES
Skipper

"It's a catamaran, so it has two keels. The main advantage of this is that it makes it more stable."

ENRIQUE CARABALLO
Oceancleaner Technology

"This then means that it can carry out any kind of port service, the boat can also be used as a multi-functional ship."

For example to transport passengers, as it only carries out its anti-pollution function when there is waste. The company has the international patent and it has built this prototype, and several countries have already shown interest.

ENRIQUE CARABALLO
Oceancleaner Technology

"We are in contact with Abu Dhabi and Russia. Just recently with the Brazil government as well."

According to scientists, 8 million tonnes of plastic enter the sea each year. Just in the Mediterranean, the most polluted sea, there are 500,000 tonnes dumped of hydrocarbons. This reality makes the development of systems like these necessary.

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