

Categorie Premio

Accessibilità

Sostenibilità

Qualità della vita

Product Name

Oil Cleaning Guard

Designer

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Description of innovation social values

- product category
- formal and functional features
- problems solved by innovation
 - user
 - field of application

The Oil Cleaning Guard is designed to solve the problems of oil spills at sea. Using the traditional oil fiber, the machine is able to restore the oil at sea, in order to protect the marine ecosystem. The traditional way of oil retoring demands a lot of labor, while this design could finish the work automatically. At the same time, it can transmit signal which prevent the animals to go near the oil area. Thanks to the solar panels, it could recharge the batteries of the driving system. After restoring the oil, the machine would go back to a mothership to output the oil and get ready to clean another area.

Description of technical features

- operations
- technology

The machine is automatically operated and has very simple but important funtions. It can be remote controled via satellite and GPS. And it uses the traditional oil fiber to restore the oil.

Dimensions

11250mm*3550mm*8750mm

Materials

Steel, oil fiber, plastic

Certifications

N/A(concept design)

Benefits for environment

The Oil Cleaning Guard could protect the marine ecosystem and restore the oil which is one of the most important resouces in the world.

Benefits for human being

The Oil Cleaning Guard could protect humans from the danger of oil restoring and reduce the labor.