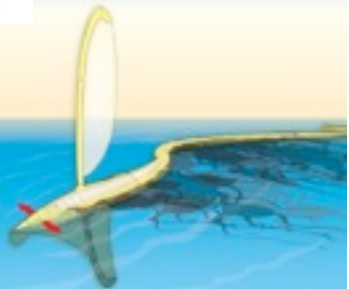




Protei is a sailing robot that senses and cleans up oceans.

Beyond being an autonomous sailing robot, what makes Protei so special is its shape-shifting hull.



Soft Engineering Innovation

Protei is a sailing robot that is unmanned. It has no centerboard, nor rudder. In fact, the whole hull changes shape to gain a better control of direction.

This revolutionary approach provides many mechanical advantages: a more dynamic stability in turns, the possibility to sail upwind and to tack faster. Without appendage Protei creates less turbulences and can pull a lot of payload behind with wind power.

Open Hardware & Appropriate Technology

Protei has been initially developed during the Oil Spill in the Gulf of Mexico in order to prevent spills cleaners to be exposed to toxics.

Because it is Open-Source and developed by a global community, Protei would find many other applications: sensing radioactivity (Fukushima nuclear spill); collecting plastic debris; overfishing studies; coral reefs and wetlands research and other oceanographic duties. With "Open Hardware" we invite everybody to use Protei's technology for free, in return of sharing with the community their improvements. Therefore the technology can be used and produced locally for specific issues at a very low cost.

Ethics

Protei is a project by Open-Sailing, an ocean technology for profit in the UK and a non-profit in the USA. Open-Sailing, as a socio-environmental venture, has an agenda that is the opposite to most corporations.

Business as usual has priorities in this order:

1. Profit > 2. Technology > 3. Social > 4. Environment

Open-Sailing order of priority is the exact opposite:

1. Environment > 2. Social > 3. Technology > 4. Profit

Protei is a community-generated environmental technology using the power of nature to remediate human-made problems in the oceans.

Get Involved

You can support the development of Protei in many ways:

- donate on www.open-sailing.org
- become our sponsor
- become our partner
- blog about us, tell your friends on Facebook. www.media.protei.org
- work with us, as a researcher, local group leader, environmental activist, maker...

If you have questions get in touch: contact@protei.org



www.protei.org

