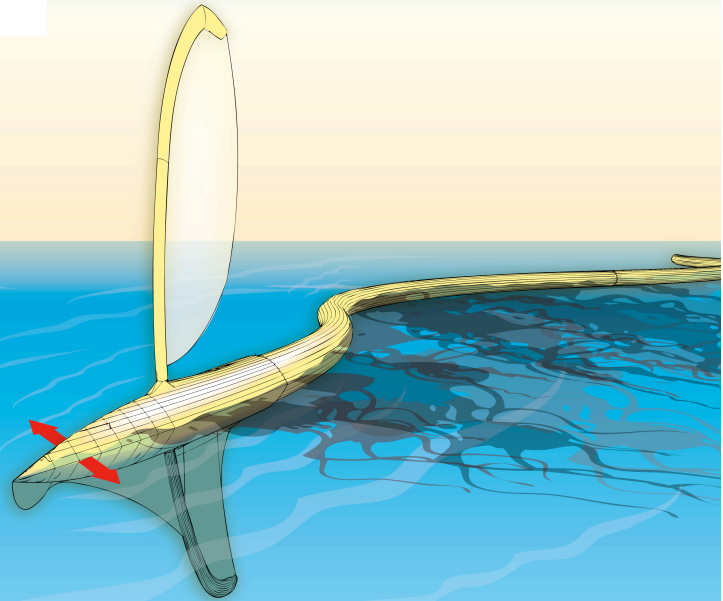




Protei



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, does not have a centerboard, nor rudder : the whole hull changes shape to give it direction. This revolutionary approach provides many mechanical advantages : We have more dynamic stability in turns, we can sail upwind and tack faster, without appendages we create less turbulences, we can pull a lot of payload behind Protei with the power of the wind.

Open Hardware & Appropriate technology

Protei has been initially developed during the Oil Spill in the Gulf of Mexico in order to keep oil spill cleaners to be exposed to toxics, but because it is Open-Source and developed by a global community, Protei would be applied to many other purposes : sense radioactivity leaking off Japan Fukushima nuclear power plant, measure and collect plastic in the oceans, study disappearing fish population, coral reefs, wetlands and perform many oceanographic duties. "Open Hardware" means that everybody is invited to use Protei's technology for free, in return of sharing with the community their improvements. The consequence is that the technology can be appropriated and produced locally with local materials for specific local issues at low cost.

Ethics

Protei is a project by Open-Sailing, an ocean technology Start-up 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.

Get involved

You can support the development of Protei in many ways :

- by donating on www.open-sailing.org
- become our sponsor, contact@protei.org
- 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.

www.protei.org



1. Nature

2. People

3. Technology

4. Money

