

soaksy

What is Soaksy?

A sustainable and efficient floating trash collector.

Where does Soaksy work?

In lakes and static water.

How does Soaksy work?



Hybrid system

Powered in two ways: by the electric grid or by a solar panel. The system is designed to take the most out of renewable energy.

Pump

A silent pump pulls the floating trash into the bin, allowing the store of this trash for future removal.

Bin on land

The packaging also serves as a trash bin on land.

Bird repeler

To prevent incidents with water birds, a scarecrow owl is used to deter birds from approaching.

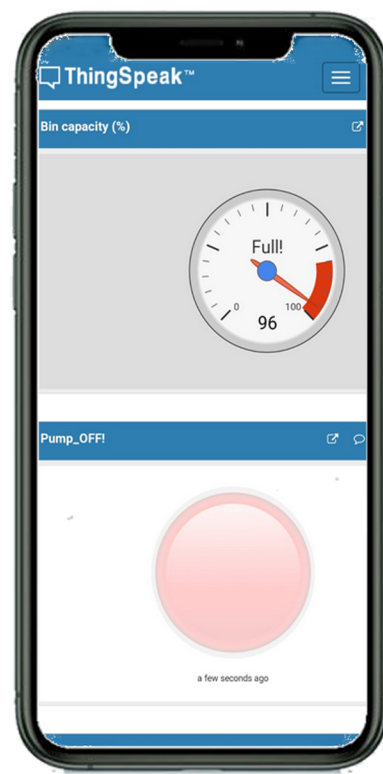
The mobile application

Online platform

To make Soaksy more autonomous, Internet of Things is used to present the state of the product in real time.

End-of-life service

When Soaksy comes to the end of its life, the Soaksy is picked up for free.



Who are we?



António



Bianca



Davide



Evelien



Laura



isep

Instituto Superior de Engenharia do Porto