

LOW-TECH AT SAILOWTECH

PLANKTOSCOPE

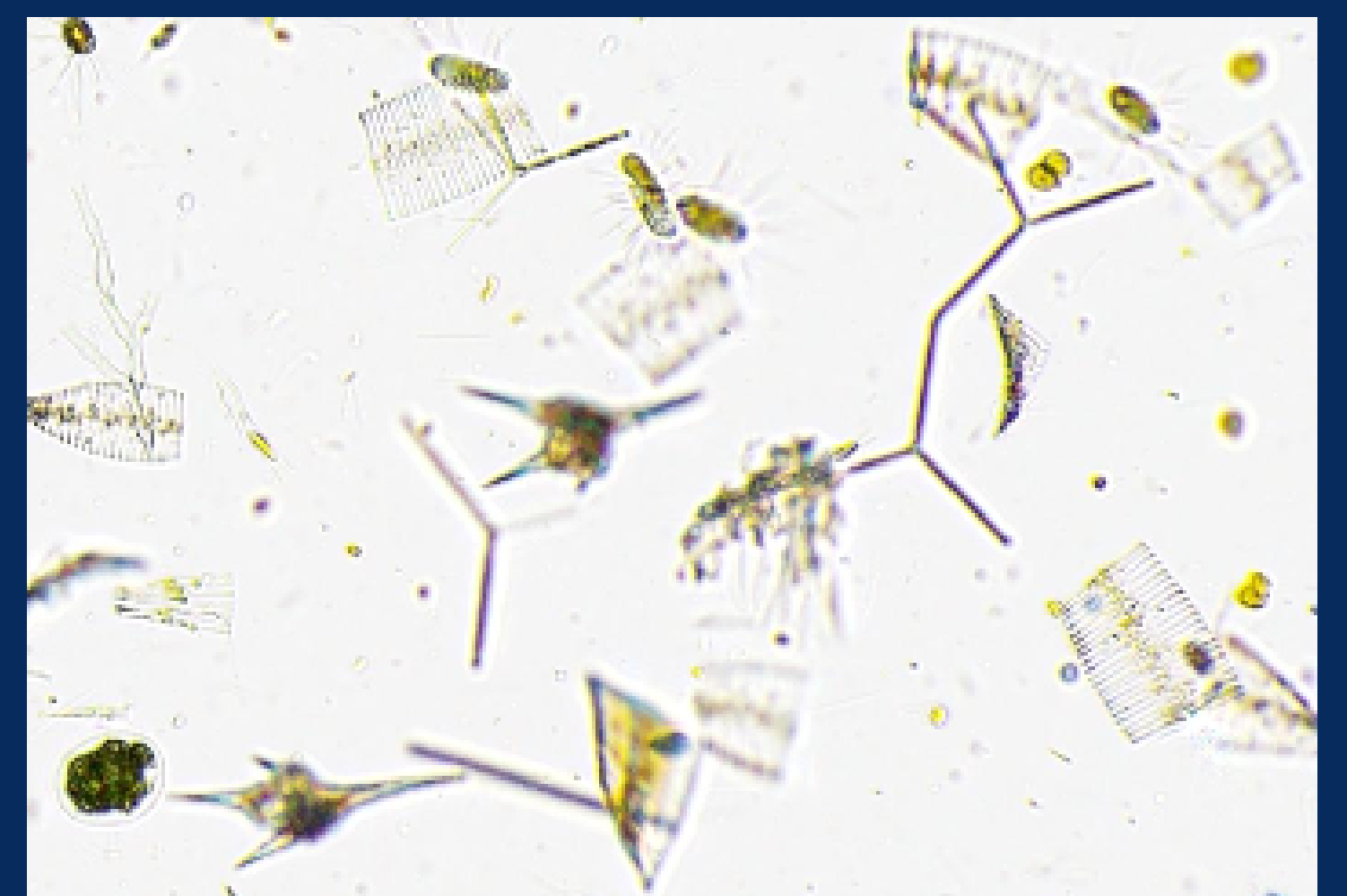
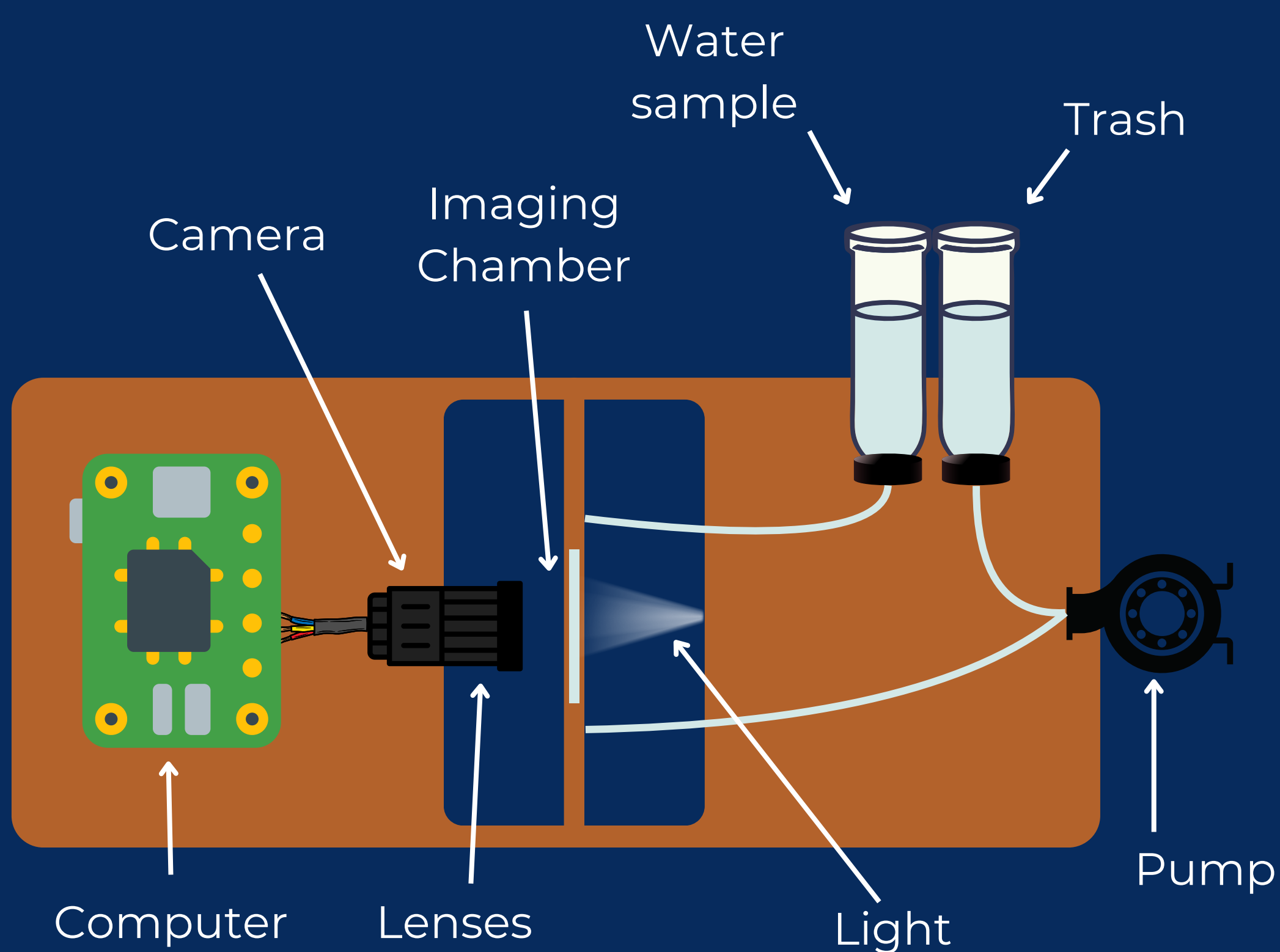
A Planktoscope is a specialized optical instrument designed for the **observation** and **analysis of plankton** in aquatic samples. It is suitable for research, education, and environmental monitoring.



Sailowtech's member working on the planktoscope during an expedition

HOW DOES IT WORK ?

The system **processes** and **segments images** in **real time**. It is designed to be portable, affordable, and accessible, making plankton research more widespread & collaborative. All the data collected will be shared on Ecotaxia, an online opensource database.



This planktoscope, designed for use aboard a sailboat, **costs 10 times less than a conventional model** and can be made by anyone from the open source plans.

