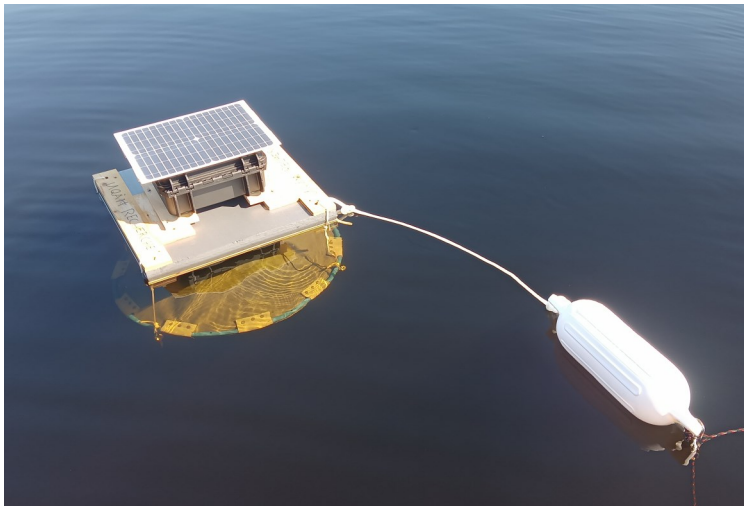




GHG analysis

Methane ebullition trap

Aqua-Consult has developed a fully autonomous methane ebullition trap that can be deployed in the field for unattended study. This system measure in real time the concentration of methane concentration and the size of bubbles released by the sediments of lakes and reservoirs. This unique system is easy to use and can be installed in shallow water bodies between 1m and 20m depth.



Key specs:

- Months of autonomy with solar power.
- Easy to deploy.
- 0.5 m² sampling area (m² / trap).
- Bubble detection of 10 ml and up.
- NDIR CH₄ sensor (0– 100% range) 0.01% resolution and an accuracy of ±6% of reading at full scale.
- Wave detection system.
- Atmospheric pressure and temperature monitoring.
- Sediment pressure and temperature sensor (optional).