

Take the nutrient load off your main process.

Recover nitrogen from your reject water before it reaches the mainline — delivered as a service.

Your reject water is quietly overloading the main process

Outsized load

A small share of your flow carries an outsized share of the plant's nitrogen back to the mainline.

Paid twice

Treating that nitrogen again in the main line burns energy and chemicals, cycle after cycle.

Harder to control

The extra load makes aeration, dosing and process control harder to hold steady at peak flow.

Permit headache

Unsteady nutrient load in your output stream makes it difficult to meet permit requirements.

There's a more targeted way

Most of the cost and instability comes from the nutrient load your reject water sends back. We take it out — before it enters the mainline, as a service.

TODAY

- Push everything through the main line
- Reject water returns its full nutrient load
- You pay to treat it again, every cycle
- Aeration and chemicals scale with the load

WITH NPHARVEST

- ✓ Treat the sidestream at the source
- ✓ Significant savings from reduced energy & chemical need
- ✓ Up to 90% of nitrogen recovered plug-and-play
- ✓ A lower, nutrient load on the main process
- ✓ Guaranteed permit compliance

Nutrient removal, delivered as a service

Up to 90% removed

of nitrogen from your reject water — phosphorus too, to reduce the nutrient load on the main process

One predictable & lower price

a fixed price per m³ treated — no capex, nothing to buy

Zero added work

we install, operate and maintain it — not another machine to run

Permit compliance

a more steady output stream to match permits and lower chemical & energy requirements.

Proven where it counts



NPHarvest Nutrient Catcher unit operating on-site.



From the lab to the field

Technology developed at Aalto University, Finland, since 2016 — now operating at industrial scale.

Successful industrial demo

20 m³/day demo unit operating at client sites in Europe. Validated up to 90% recovery in real conditions.

Capable delivery team

Our team combines decades of experience in wastewater project delivery with cutting-edge technology.

Curious whether it fits your plant?

Book a 30-minute intro call — no numbers needed.

sales@npharvest.fi · npharvest.fi