



Maybe you've already heard the news

— *but it's worth sharing more than once.*

This is a proud moment for us. So here it is:

We did it! After several months of anticipation, we can finally celebrate becoming officially Nordic Swan Eco labelled on our product Eco PipeClean. And just a few weeks ago, we were reminded exactly why this matters.

When systems fail: **a lesson from one of the world's most advanced ships**

The USS Gerald R. Ford — the most advanced and expensive aircraft carrier ever built — has faced repeated operational challenges. Not from weapons or navigation systems, but from something far more fundamental: **its sanitation system.**

With more than 650 toilets onboard, the ship has experienced persistent failures in its vacuum-based sewage system, affecting the daily lives of over 4,000 crew members.

The main issue? **Limescale buildup clogging the pipes.**

To restore the system, a specialized acid flushing process is required — costing around \$400,000 each time — and it can only be carried out while the ship is docked. Reports show this has been done multiple times in recent years. This is very costly and inefficient. Also flushing toilets with the products that is highly full of acid - will not just clean the pipes, but it will also kill a lot of life in the ocean. This is WHY using our product is better. It cleans the pipes with no harm to the ocean and life below.

So when today, many systems rely on aggressive chemical treatments — likely strong acids — to stay operational.

While effective in the short term, these methods come at a cost:

- high operational expenses
- repeated downtime
- and potential harm to vulnerable marine ecosystems

At Nordic-Eco, we believe there is a better way.

Our Eco PipeClean solutions are designed to prevent buildup before it becomes a problem, reducing the need for harsh chemical treatments altogether.

The result:

- lower costs
- improved reliability
- and no harm to the environment

