



Turku, Finland



THE BEST INNOVATIONS ARE SIMPLE (AND SAVE MONEY)

"Because we don't have to manage or dispense multiple chemicals, our cleaning cycles have accelerated and so we're saving money on time and labor," explains Elina Kahkonen, Senior Advisor at ISS, after testing an innovative new cleaning method at Abo Akademi University in Turku, Finland.

Kahkonen and her team used stabilized aqueous ozone (SAO) from Tersano instead of traditional chemical detergents to clean the Akademi's Arken building for three months. SAO is created by passing a high current of electricity through cold tap water to create "active water" – an oxygen-rich solution that cleans, sanitizes, and deodorizes – all without the use of harmful chemicals.

During the three months, the ISS team monitored the cleanliness, air quality, productivity and savings from cleaning with SAO instead of traditional chemical detergents. The result? A resounding success.

"With the removal of chemical detergent toxicity, we discovered a clear improvement in air quality," says Abo's Real Estate Engineer, John Lassus. "The reduction in toxicity also increased the safety and productivity of workers."

Says Kahkonen, "Our cleaners do not have to wear goggles or gloves when handling stabilized aqueous ozone. This makes it very safe." This increase in safety means SAO is ideal for schools, hospitals, and any other spaces populated with people sensitive to chemical-based cleaners.

Kahkonen notes that SAO works effectively on most surfaces and removes most types of dirt. "The only things it can't remove are hard water stains, lime and wax," she says.

"However, when my cleaners use SAO we discovered they actually remove old chemical detergent residue that has built-up on the surface. Every time thereafter, the surfaces only require one swipe to clean. They also remain glossy without streaking."

Lassus is so pleased with the results of the study that he wants to extend the use of SAO to other areas on the campus:

"Just one of the dispensers produces enough stabilized aqueous ozone for use in all our cleaning machines."



ISS service officer, Annamari Isotalo, agrees: "This product will serve our customers well."



SIMPLE • SAFE • SUSTAINABLE