

Our references:



Sea Life Aquarium in:
Bangkok, Birmingham,
Brighton, Busan, Great
Yarmouth, Helsinki, Istanbul,
Kelly Tarlton, London,
Melbourne, Mooloolaba,
Seoul, Sydney.



Save energy and costs in your aquarium

*Reduce your CO₂ footprint
by cutting the energy needs
of your LSS in half*

Take a big step towards sustainability.
ATO Energysaving offers insights into your
energy consumption and how to optimize
your LSS.



Eliminate over half of the required energy use for your LSS.

Sounds too good to be true?

We assure you: our method has been proven to work for smaller and larger aquaria around the world.

How do we do it?

First, we optimize the hydraulics and pumps. We look for weak spots and make sure the right equipment is used to function optimally. By tuning the sand filters and making protein skimmers more effective, we improve water parameters. Usually, we can make sure you need only half of the energy and water you used before. And by improving the conditions of your expensive equipment, you can also cut back on maintenance costs.

Worried it might affect your sea life?

Thanks to noise reduction, we see a less stressful habitat after our improvements.

Social responsibility and sustainability

Aquaria too have to deal with a growing public concern for our climate and our world. Your carbon footprint makes up a large part of your sustainability image. Did you know that the approximately 1,000 public aquaria on earth use as much energy as over a million households?



“Getting more with less is not just a slogan to me. I care deeply about energy saving. Up till now, we have found an average potential for energy saving at public aquaria of over 1.000.000 kWh a year. That is a reduction of over 600 tons of carbon. I would love to share my thoughts with you.”

ATO Energysaving is run by Aldo van Tongeren. With an engineering degree and over 20 years of experience with LSS hydraulics, he can tell you everything about energy and cost reductions in aquaria. It is his personal and heartfelt belief that we can get more, with less.

This is how we work

1

We perform an audit at your aquarium

We measure and calculate the efficiency and effectivity of your LSS systems.

2

We engage your people in the process

We believe change requires support throughout the organization. Therefore, we involve everyone, from biologists to technicians, to get insights into your energy saving potential.

3

We create a plan for improvement

We keep your ROI-time in mind. Our projects have less than 3 years ROI on average and will keep saving you costs for years to come.

4

We help implement our solutions

We can help your organization with project management, the selection and procurement of materials, determining installation parameters and a final audit.