

# Our Vision and Objectives

## From Byron Bedford, Managing Director of ProEconomy

ProEconomy aims to control bacteria in water systems. ProEconomy's Orca copper and silver ionisation system is a pioneering water treatment modality for the control of potentially deadly bacteria in water. In particular we aim to control Legionella and Pseudomonas bacteria, both of which cause potentially fatal diseases that are especially dangerous to the immunosuppressed and the elderly.

We relish our work as we help to protect the most vulnerable from deadly bacteria, during instances when they are the most susceptible to infection.

### Scope

This policy applies to all ProEconomy UK employees and covers activities in our Leighton Buzzard office.

### Principles:

Our policy to business is guided by our commitment to the following principles: innovation, transparency, diligence and continuous improvement.

### Policy Statement

Helping to keep the most vulnerable members of our society safe from waterborne bacterial infection is at the heart of everything that we do. We also know that our product can have proven environmental benefits based around the reduction of water temperatures and this is one of our Key Motivators.

We also acknowledge that our work has a potential impact on the environment and therefore we have a duty to ensure we proactively manage all these impacts in a responsible and ethical manner. We do this by identifying all

significant environmental impacts and putting processes in place to mitigate or reduce them. This is in accordance with our Environmental Management System (EMS).

### Important Issues:

There are many important issues in the world and our business faces many challenges and opportunities. Due to their direct impact on us we have prioritized the following issues that we believe need to be addressed: improved worldwide access to clean water, climate change, health and safety and employee wellness.

### Objectives:

ProEconomy complies with all UK and EU Environmental laws and legislations. In relation to our specific environmental aims:

Energy and carbon: saving energy and a reduction in carbon emissions is one of ProEconomy's Key Motivators.

- We have an Environmental Management System in place that details our energy use and carbon

emissions as a company and we endeavor to continuously reduce these.

- We look to utilize suppliers and products that have low energy and carbon impacts. We try where possible to utilize ISO 14001 approved companies.
- We aim to increase awareness and lobby the government over energy use and carbon emissions associated with unnecessarily high water temperatures. We have lobbied the government extensively in this regard and have collaborated with UCL to demonstrate the significant carbon and energy use reductions associated with the use of our Orca product.

**Water:** As part of our Environmental Management System we monitor and benchmark our water use and use this data to identify potential reduction opportunities at our premises and whilst manufacturing our product.

**Construction and Refurbishment:** ProEconomy ensures that all new buildings and refurbishment projects comply with relevant building regulations and where possible are compatible with sustainability principles and best practice.

**Travel:** ProEconomy ensures that its vehicle fleet is operated in as efficient and environmentally friendly manner as possible.

All ProEconomy offices are accessible by public transport and a key principle when deciding which company cars to add to our fleet has been fuel efficiency and low carbon emissions. Our company travel details are outlined in our EMS, which we use to evaluate and reduce our travel associated fuel use.

**Engagement and Education:** ProEconomy will continue to create awareness and engage staff in new initiatives that help reduce our carbon footprint.

**Waste Management:** ProEconomy is committed to recycling and reuse (see our company EMS):

- Our Orca product uses recycled copper and silver taken from our own recycled stock and from our suppliers, whom obtain the copper and silver from smelting down scrap metal. One of the criteria we use when choosing metal suppliers is their commitment to using recycled scrap metal. Our suppliers of both our copper and our silver obtain their metal from recycled scrap.
- Our Orca systems pipework has a long life cycle of over 10 years, which in turn reduces our dependency on newly manufactured parts.
- We have redesigned our product to be reusable; this includes our 'pod' that is now completely reused. We reuse our product wherever possible.

Signed: .....



**Managing Director**



# ProEconomy | orca

Copper and Silver Water Treatment

*proven Legionella control*