

# Cooling Tower Sustainability and Recycling

## Net Zero by 2030

By the year 2030, Watermiser Ltd, along with our sister business Dustacco Engineering Ltd, aim to achieve net zero by reducing our greenhouse gas emissions by 40% from our 2021 baseline.

We are utilising the Science Based Target initiative's target setting tool to model our targets in line with SBTi approved criteria and methods, and GHG Protocol tools to measure and manage our emissions.



## GRP Cooling Towers are the Sustainable Choice

Watermiser Cooling Towers are wholly manufactured in the UK reducing emissions incurred during transport.

### Long Lifespan

We are so confident in the strength and longevity of our Cooling Towers that we offer a lifetime guarantee for structural integrity on the GRP casings.

### Low Energy Production

GRP takes 75% less energy to produce than steel and has more than double the lifespan.

### Recyclable

GRP waste can be reprocessed to manufacture future GRP products.

### Low Maintenance

GRP Cooling Towers do not require any protective coating and do not corrode.

### Costs Effective

Cooling Towers offer lower running costs compared to other cooling technologies.

### Energy Efficient Motors

We use IE3 motors, suitable for inverter control, allowing efficient cooling while keeping energy usage to a minimum.

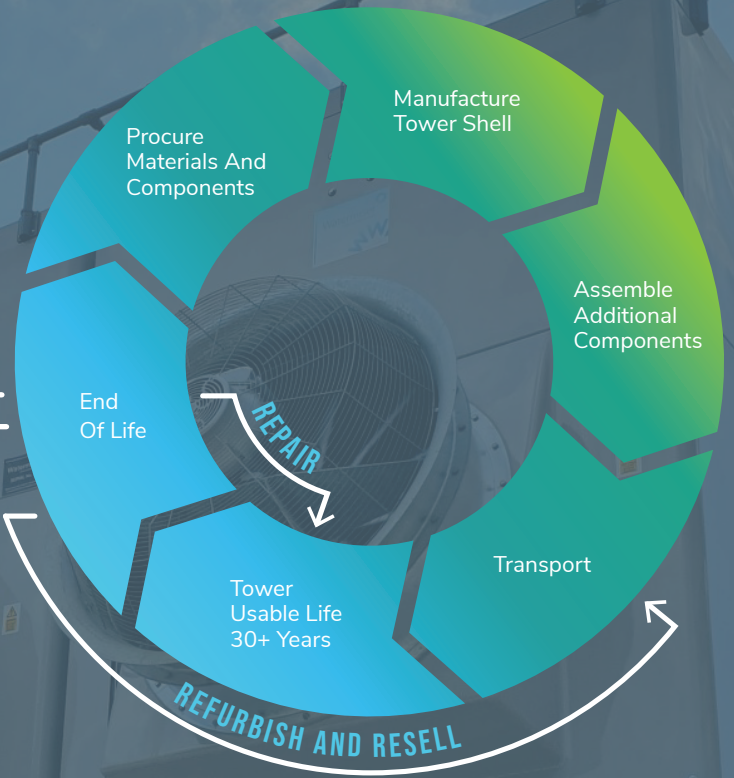
Watermiser GRP Cooling Towers can contribute to the circular economy, as they can be repaired, reused, and finally recycled to start the cycle again.

**SUITABLE FOR RECYCLING**

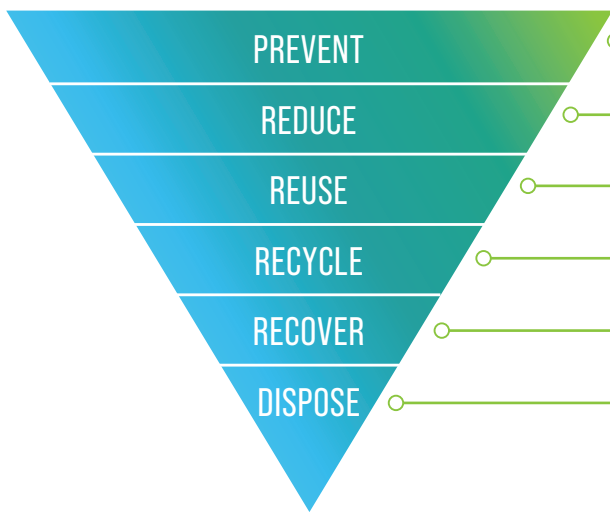
- Tower Shell
- Pack
- PVC Components
- Stainless Steel Components
- Galvanised Mild Steel Components

**COMPONENTS WHICH CAN BE DISASSEMBLED TO RECYCLE PARTS**

- Immersion Heater
- Thermostat
- Fan



## Waste Hierarchy



**Waste is prevented with unlimited lifespan in a GRP Cooling Tower.**

Waste can be reduced by repairing your GRP Cooling Tower rather than buying a new one.

We often see our GRP Cooling Towers being moved between sites or re-sold and reused. Our team are well versed in providing information about old towers and are happy to see them being given a new life.

GRP can be broken down and recycled into new GRP products.

Energy or fuel can be recovered from GRP through incineration or pyrolysis.

Anything being disposed of does so after an extended lifespan.

