



# Industrial Heat Decarbonisation

Low carbon heat solutions for engineering and manufacturing processes with large and complex energy requirements.

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## Flourish without the environmental and financial costs of fossil fuels.

Reheat delivers proven low carbon heat solutions for engineering and manufacturing industries with large and complex energy requirements. With consultancy, feasibility and design to hands-on project management, installation, service and maintenance, we are ready to help your business decarbonise.

### Providing industrial low carbon heat solutions for:

- Process steam demands over a range of temperatures and pressures
- Pressurised hot water demands
- Thermal oil processes
- Combined heat and power
- Space heating

### Experts in low carbon heat systems, sustainability and efficiency

Reheat designs and installs systems to meet industrial heat demands from sources such as reclaimed heat, biomass and heat pumps. We also specialise in optimising heat for greater efficiencies, as well as delivering heat networks.



#### Consultancy and feasibility

Assessing your heat needs and viable options.

We work with you to understand your heat demands, existing energy systems and to help you identify the best low carbon technology for your business.



#### Design and installation

Complete project management and delivery.

Our hands-on team undertake all aspects of project delivery - designing, installing and optimising low carbon heat systems to the highest standards.



#### Low carbon heat supply

Managing heat supply on your behalf.

With in-house heat supply management, we source and manage your sustainable heat supply with a thorough quality process included.



#### Servicing and customer care

Convenient service plans for your heating system.

Our customer service and engineering teams provide on going support, allowing you to focus on your operations while we look after your low carbon heat.



# Low Carbon Process Steam Powers Nc'nean Organic Whisky Distillery

Case study



We were delighted to partner with Reheat on the sourcing and installation of our biomass boiler. The complexity of powering a distillery with biomass was something that Reheat tackled with expertise and energy. We both enjoyed the process and are delighted with the outcome and ongoing support from Reheat

Annabel Thomas, Founder, Nc'nean

**Located in the Western Highlands of Scotland, organic whisky distillery, Nc'nean, powers all of its spirit production using process steam from a sustainable, state-of-the-art biomass system designed and installed by Reheat.**

- 93% CO<sub>2</sub> emission reduction achieved
- Providing 100% of the distillery's process steam
- Using locally sourced, sustainable biomass

Pictured above  
Nc'nean Organic Scotch Whisky

A considerable element of Nc'nean's net zero approach to distilling is the use of biomass heat, with an 850kW boiler designed and installed by Reheat that successfully provides 100% of the distillery's heat needs. This includes the mash tuns, two copper pot stills and space heat for the rest of the distillery's buildings.

The steam profile associated with distilling is particularly challenging as the system must be able to cope with rapid peaks and intermittent heat demand. Reheat's biomass system was designed to manage the energy profile of Nc'nean's operations, proving that a renewable solution is equally as capable as fossil fuels, and a viable option for industrial heat users.



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