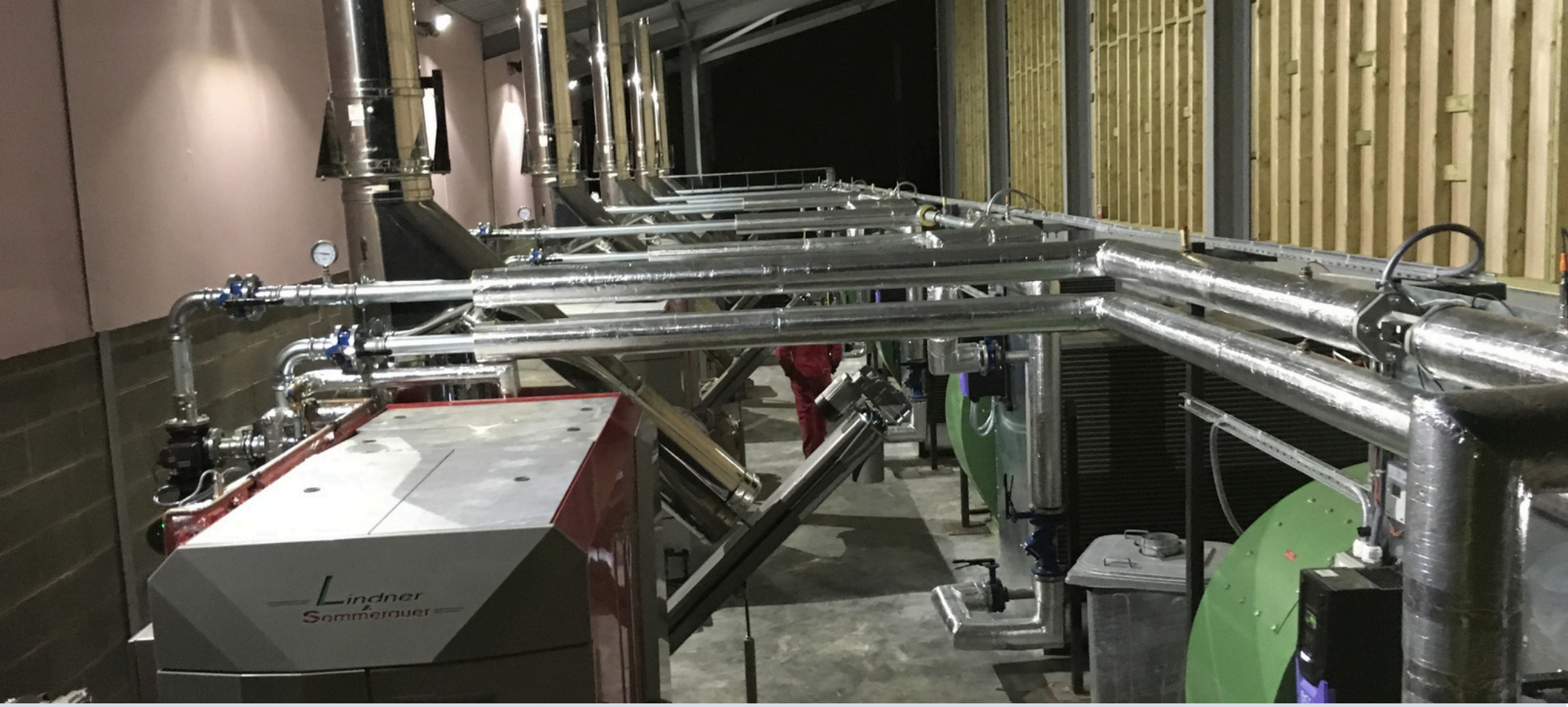


CASE STUDY

PROCESS HEATING SOLUTION FOR A WOOD PROCESSING PLANT IN YORKSHIRE

Biomass Installation

CASE STUDY DELIVERED BY

MJS ENERGY

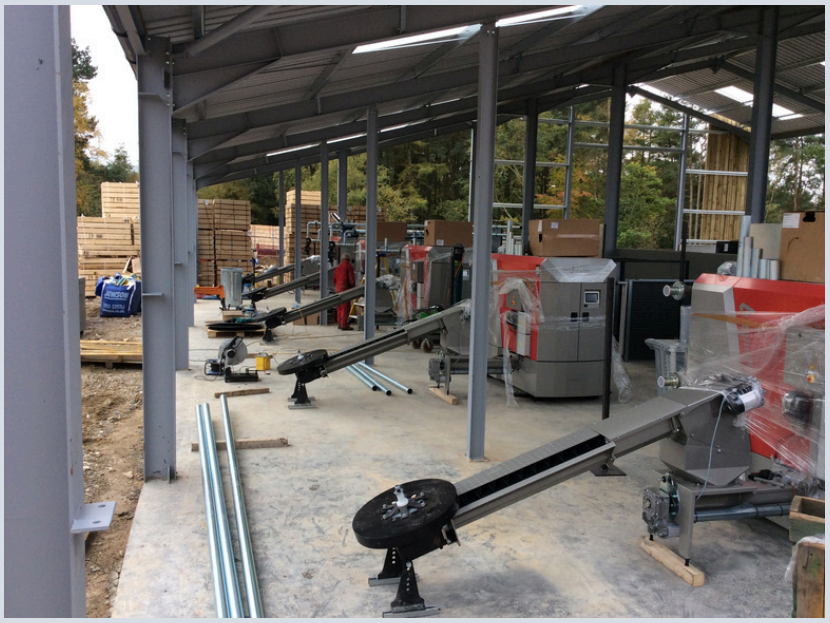
Overview

Challenge: A wood processing plant in Yorkshire required an innovative solution to manage its waste wood chips, a byproduct of their manufacturing process. The goal was to repurpose these waste wood chips by drying them efficiently, transforming them into a viable fuel source for resale.

The client needed a reliable and efficient drying system that would allow them to maximize profitability while maintaining sustainability.

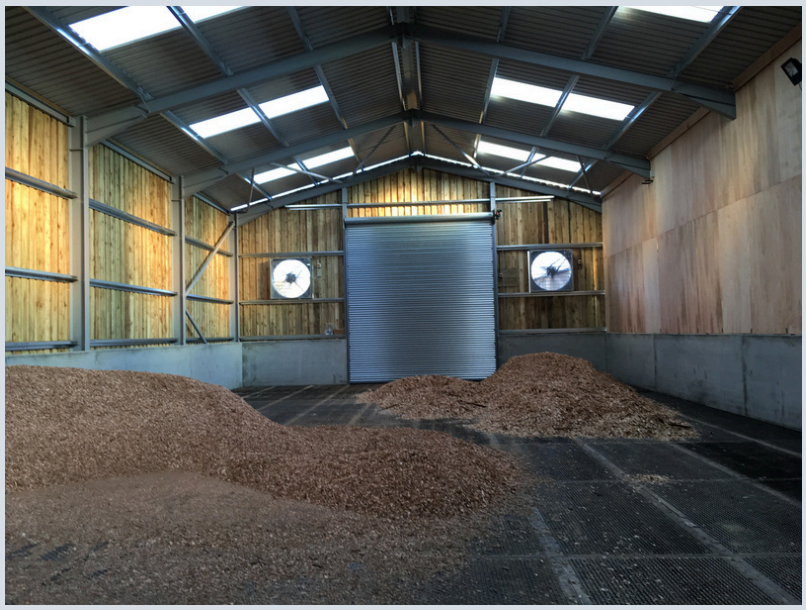
Solution: MJS Energy designed and installed a comprehensive process heating solution, which included:

- Five 199kW Lindner & Sommerauer wood chip boilers, providing high-efficiency heating capacity.
- A state-of-the-art drying system, specifically tailored to handle the volume of waste wood chips.
- A newly constructed drying floor, allowing for optimal heat distribution and enhanced drying efficiency.
- A turnkey installation, including full system design, integration, and commissioning.



Transitioning from Fossil Fuels to a Sustainable Biomass Heating System

MJS Energy



Outcome: The implementation of this process heating system provided the client with:

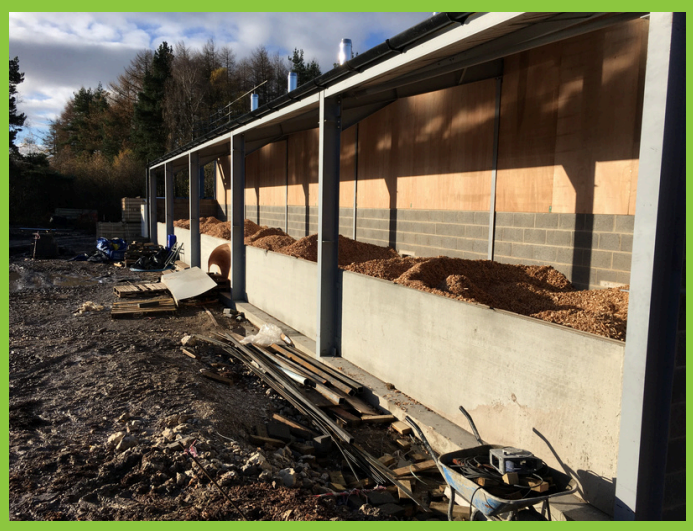
A sustainable and cost-effective solution for repurposing waste wood chips.

A new revenue stream, enabling the sale of dried wood chips as a fuel product.
Increased operational efficiency, ensuring waste is converted into a valuable resource.

Reduced environmental impact, by utilising renewable biomass technology instead of fossil fuels.

Through MJS Energy's expertise in renewable heating, the wood processing plant successfully transitioned to a more sustainable and profitable operation, optimizing its waste management and energy use.

CASE STUDY



RHI Accreditation & Financial Incentives

One of the key advantages of installing this biomass system was that it qualified for the Renewable Heat Incentive (RHI), a UK government scheme designed to encourage the adoption of renewable heating technologies. Under this scheme, the estate received substantial financial payments based on the heat generated, offsetting installation costs and creating an additional revenue stream.