

Projective Drives Innovative Utilities Engineering for the Brewing Industry

BREWING

Projective partners with clients to support breweries in transforming how energy and water are used, enhancing efficiency, reducing environmental impact and supporting resilient, high-performing, optimised operations.

Smarter Utilities for Brewing Performance

Breweries present unique opportunities to reduce energy consumption while improving product quality and productivity. Projective brings deep sector knowledge and a proven track record in optimising utilities and processes across the brewing lifecycle, from mashing and fermentation to packaging and beyond.

A Tailored Approach

Projective takes a holistic view of operations. Its Process Energy approach identifies targeted efficiency gains within brewing processes, while also addressing systems such as steam, cooling and electricity generation. This ensures the most cost-effective, high-impact solutions for each site.

CO₂ Recovery That Delivers

Where breweries both produce and consume CO₂, Projective designs and delivers recovery systems that reduce emissions and cut costs. In one project, a brewery reused CO₂ for can purging, cutting imports by 1,260 tonnes annually.

Another project replaced an outdated recovery plant, reducing CO₂ imports by 5,500 tonnes and water use by 80,000 m³ per year.

Water Strategy with Impact

Water is a critical resource in brewing. We help clients reduce consumption, manage effluent and implement micro-recovery schemes. One solution rerouted unused kieselguhr back to the slurry mix tank, minimising waste and improving efficiency.

Heat Recovery for Sustainable Brewing

Projective identifies and implements heat recovery opportunities across mashing and wort boiling processes, where up to 60% of thermal energy can be reclaimed. Its engineers work closely with client teams to design solutions that reduce fuel use and support long-term sustainability goals.

