

CASE STUDY: Hobson's Brewery

Cleobury Mortimer, Shropshire



Hobsons Brewery in Cleobury Mortimer provides much of Shropshire and beyond with quality beers. Recently though, their decision to install a *ground source heat pump* to heat and cool casks of beer throughout their production also makes them industry leaders when it comes to low energy beer production. The pump will be installed using vertical boreholes.

CARBON DIOXIDE SAVINGS

	Annual CO ₂ savings	% of total annual CO ₂	Lifetime CO ₂ savings*
Ground source heat pump	5t	30%	90.4t

*This assumes a lifetime of 25 years for the ground source heat pump system.

FINANCIAL SAVINGS

	Annual cost savings	Payback period (approx.)
Ground source heat pump	£807	10 years

A third of the cost of the ground source heat pump is being funded by the Rural Regeneration Zone, with additional funding from the Low Carbon Buildings Programme.

