Compliance | Net Zero

SECR reporting, ESOS assessment, Net Zero strategy

Client: Westons Cider



Industry: Food and drink manufacturing

Benefits achieved

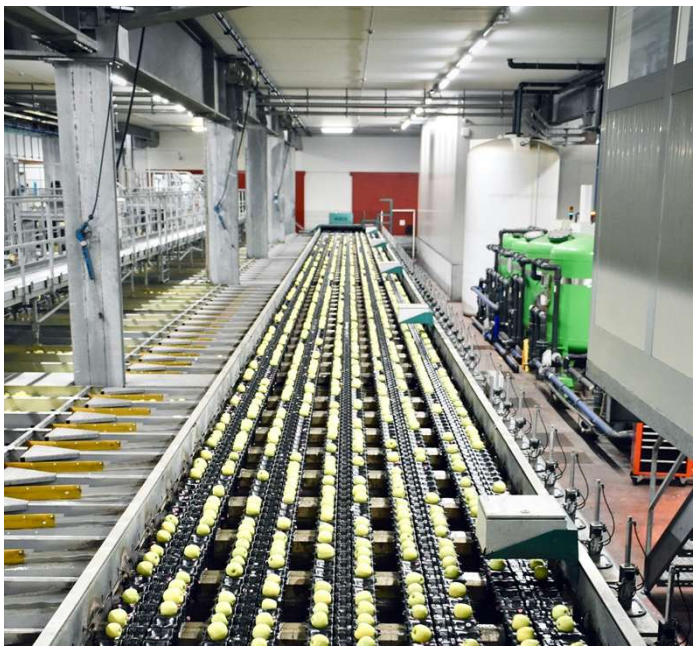
Over £220k energy and 520 tCO_2e (tonnes of carbon dioxide) savings were identified and a commitment made to achieving Net Zero using a targeted strategy

Summary

Henry Weston founded Westons Cider in 1880 and it is now a £63m turnover company employing two hundred and thirty people, making brands including Stowford Press, Henry Westons, Old Rosie and Mortimer's Orchard. They use traditional methods in their cider making process with apples sourced from within a 50-mile radius of the Cider Mill. Their brands are now available in over 40 countries globally.

Westons appointed JRP initially to provide energy and carbon reporting to achieve compliance with the Streamlined Energy & Carbon Reporting (SECR) scheme which is a replacement for the Carbon Reduction Commitment (CRC) Energy Efficiency Scheme. SECR requires organisations to report energy and carbon emissions in their annual report and to comment on any energy efficiency projects and measures taken to increase energy efficiency during the reporting period.

This means that an organisation's action or otherwise is the area of energy efficiency implementation will now be public and must be meaningful, informative and be commensurate with the size and level of energy use of the business.

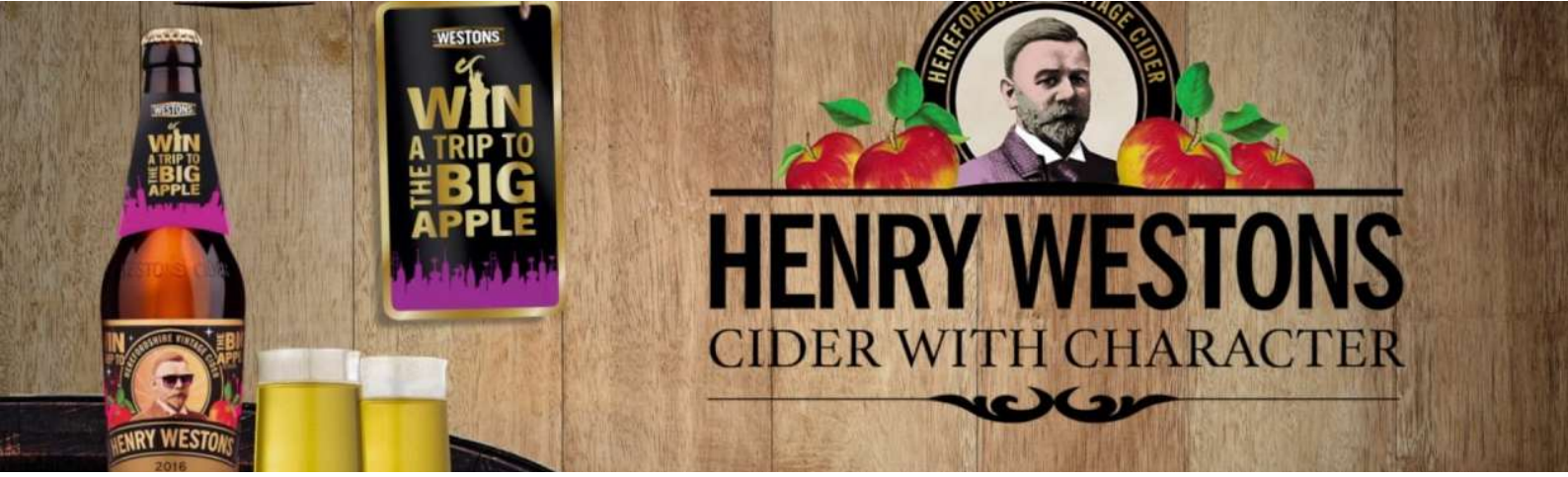


Method

JRP consultants collated all Westons carbon emissions data for scopes 1 and 2, and grey fleet emissions, and compiled a greenhouse gas emissions report to be inserted into their directors' report.

Following on from this SECR work, Westons approached JRP to complete a series of energy surveys and associated reports to comply with the requirements of the Energy Savings Opportunity Scheme, ESOS.

Having had discussions with Westons about their desire to start working towards achieving Net Zero greenhouse gas emissions, JRP adopted an approach to completing the ESOS report that included emissions as well as energy and added a carbon price to any energy savings measured to highlight the true cost.



The ESOS report included:

- Assessing energy data
- A single site was audited which accounted for the majority of energy consumption
- A desktop transport audit was undertaken
- The energy and carbon savings were calculated
- Life-cycle cost analyses were conducted on projects >£20k
- Site audit reports were created
- Opportunities summarised in terms of kWh, ££s and CO_2e savings

The report showed that whilst 90% of energy used was split between haulage (37%), steam (32%) boilers and electricity (21%), the costs associated with each were not proportional to the carbon emissions generated.

Whereas the cost of energy to run steam boilers was nearly half cost of electricity used, the carbon emissions from steam boilers were double the emissions from electricity used.

This analysis will be very useful in determining priority actions for the Net Zero strategy.

Results

JRP supported Westons to achieve SECR compliance and as a result of the ESOS reporting were able to identify over 520 tCO_2e savings.

Following on from this work, JRP were appointed by Westons to develop a Net Zero strategy that enables:

- a universal understanding of Net Zero
- a formal commitment to a Science Based Targets (SBTi) when Westons are ready
- all GHG emissions (Scopes 1,2 &3) to be annually tracked and reduced over time
- improved, increasingly collaborative supplier engagement
- the implementation of practical, cost-effective measures for achieving Net Zero, including ESOS improvement opportunities and alternative delivery mechanisms.

JRP have also been asked to carry out Westons SECR reporting for the next financial period.

"JRP understand the support they are asked to give and deliver on time, budget and in a clear concise professional manner. If only everyone was a reliable as JRP!"

Jonathan Blair, Technical Advisor, Westons Cider



For more information about any of JRP's services, call (+44)7534 613 038 or email info@jrpsolutions.com.