

HEINEKEN and Siemens collaborate for decarbonisation

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HEINEKEN - the world's most international brewer, has selected Siemens as a global partner for a multi-phase decarbonisation program which aims to reduce energy use and CO₂ at 15 of its breweries and malt houses by 2025. The program supports HEINEKEN's Net Zero Production roadmap, which aims to reach net zero in Scope 1 and 2 by 2030 and across the full value chain by 2040. The two companies will work together on the long-term decarbonisation program, which will see Siemens implementing solutions and services from its Siemens Xcelerator portfolio to reduce energy usage at the production sites located across Europe, the Americas and Asia-Pacific.

HEINEKEN and Siemens kicked off the program by collaborating on an initial project of consulting, auditing and advisory services, using a digital energy twin of a typical HEINEKEN brewery, to analyse and identify where the biggest efficiency savings could be made. The digital twin showed that approximately 70 per cent of energy consumption was linked to the heating and cooling necessary for brewing processes. By optimising these systems, Siemens estimates energy savings of between 15-20 per cent at each site and an average CO₂ reduction of 50 per cent at each site.