

# HyClyde

AUCHENTOSHAN®

## Marubeni Europower

Marubeni Europower is a leading investor in renewable energy, developing and operating power projects worldwide.

Operating in the UK for more than 20 years, Marubeni has invested more than £2bn in renewable energy projects and employs over 2,000 people in the UK.

Marubeni is committed to the transition towards a low-carbon society by delivering a mix of renewables projects, including green hydrogen.

**Marubeni**  
Europower

## Suntory Global Spirits

Suntory Global Spirits is a world leader in premium spirits and the trusted custodian of several historic Scotch whisky distilleries, including Auchentoshan.

Suntory Global Spirits' Proof Positive sustainability strategy includes ambitious goals and investments to drive sustainable change and have a positive impact on the planet, consumers and communities. To achieve net zero emissions across its entire value chain by 2040, Suntory Global Spirits is investing in and implementing lower-carbon solutions across its global operations.

**SUNTORY**  
GLOBAL SPIRITS

## HyBont – tried and tested



HyBont was one of the first projects to be awarded UK Government revenue funding and was among 11 successful initiatives in the Hydrogen Allocation Round\*1. The HyBont project involves designing, financing, procuring, constructing, owning and operating an electrolyser plant with an electrical capacity of approximately 7.5MW, with the potential to produce approximately 500-750 tonnes of green hydrogen per annum. HyBont is developing plans for a green hydrogen production and refuelling facility at Brynmenyn Industrial Estate, partially powered by a solar farm at Bryncethin.

It is anticipated that the green hydrogen produced will be used locally and

contribute to cleaner air in Bridgend by providing low carbon fuel for use in zero-emission vehicles such as buses, refuse collection vehicles, and other fleet vehicles. These fuel-cell vehicles only emit water from their tailpipes and will displace existing fossil fuel vehicles which are noisy and pollute the air by emitting harmful gases and particulates. HyBont is one of the first green hydrogen production facilities of meaningful scale in the UK and will help Bridgend County Borough Council and the Welsh Government meet their net zero targets. HyBont will be a catalyst for a local hydrogen economy, supporting new jobs and additional investment into the region.

\*1: A mechanism to support low carbon hydrogen production across the UK, run by Department of Energy Security & Net Zero



## WhiskHy Project

In 2021, Suntory Global Spirits embarked on the WhiskHy project with green technology partners 'Supercritical Solutions' to build an ultra-efficient, high pressure electrolyser. The WhiskHy project was awarded funding by the UK Government 'Green Distilleries Competition' to carry out feasibility studies and scale its technology.

With funding from the Department for Energy Security and Net Zero, the WhiskHy project recently achieved a world-first milestone\* in hydrogen distilling by proving 100% hydrogen\*\* as a viable fuel source for direct-fired distillation. The successful trial, thought to be a first of its kind, was carried out at Yamazaki Distillery in Japan.

The spirit produced is to be casked and monitored in Scotland at Suntory Global Spirits-owned Glen Garioch Distillery, where it will be quality assessed as it matures. This is an important step forward in the company's journey to decarbonise its whisky manufacturing while maintaining the quality craftsmanship of its spirits.

\*1: Direct-fired distillation on a scale of pot still over 1KL for whisky production (based on its own research).

\*2: For safety reasons, conventional natural gas was used to start and end the burning.

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