

PRESS RELEASE

ALGAE DEMONSTRATOR PROJECT GOES LIVE AT GLENTURRET

*--- GREEN MSP ROBIN HARPER WILL OFFICIALLY LAUNCH THE
GROUND-BREAKING ALTERNATIVE FOOD, ENERGY AND CARBON
CAPTURE SYSTEM---*

AN INNOVATIVE carbon capture demonstrator project which uses algae to convert carbon dioxide into proteins and oils at Scotland's oldest working whisky distillery will today (October 5) be switched on by **Green MSP Robin Harper**.

Scottish Bioenergy Ventures (SBV) has built a reactor at the Glenturret distillery in Crieff – home to the award-winning Famous Grouse Experience – which will capture and recycle CO₂ into high value protein and oil.

St Cyrus-based SBV won a prestigious Shell Springboard award earlier this year for a trial of the innovate process capturing CO₂ from the distillery's boiler exhaust and percolating it through algae reactors, converting it into protein and vitamin rich animal feed. The company will also trial a novel oil extraction system with the aim of creating biofuels from the algae.

The algae reactors also successfully eliminated chemicals and captured copper from the wastewater, reducing even further the environmental impact of the distilling process and reducing costs.

David Van Alstyne, founder and Chief Executive of SBV, said: "Scottish Bioenergy Ventures is extremely grateful for the support and encouragement from The Edrington Group, Shell and SETN in backing this innovate demonstrator project.

"The results from the trials of the project were extremely encouraging and we are confident this demonstrator project will be a huge success and benefit not only the Glenturret distillery but also the Scotch whisky industry.

"In time Scottish Bioenergy Ventures plans to roll out the technology for use in other industries which emit CO₂. The whole process is carbon negative and can play a large role in helping Scotland in its ambition to become a low carbon economy and leader in this field."

Robin Harper MSP, co-convener of the Scottish Green Party, will flip the switch on the bioreactors. He said: "This is the most exciting technology I've seen in 20 years. It's a system that works with nature and has absolutely huge potential. The payback period of three years is fantastic and I look forward to seeing this company grow."

James Smith, The Chairman of Shell UK said "It is great to see Scottish Bioenergy reach this exciting launch stage. I hope the project is a huge success."

Glenturret Production Manager Neil Cameron added: "We as a company have a strong commitment to protecting the environment and are always looking for new ways to minimise the impact of the distilling process."

"The Famous Grouse, like all Scotch whiskies is a natural product. So it's really exciting to be working with nature to reduce our carbon emissions."

Scottish Bioenergy Ventures was founded in 2007. Its innovative process saw it win in 2009 the Scottish region **Shell Springboard** award, which provides a financial boost to low carbon business ideas from across the UK.

Glenturret, which was built in 1775, is the most popular distillery visitor attraction in Scotland with more than 100,000 tourists going through its doors during 2008.

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