

SPEYSIDE HYDROGEN PUBLIC INFORMATION EVENT

This consultation for phases one and two of Speyside Hydrogen is open until **5th September 2024**. Your feedback will help us to build a project that considers local people and businesses, the environment and the wider Moray region.

WHAT IS SPEYSIDE HYDROGEN?

The development is supported by established demand for hydrogen from customers across the region, with the scale of demand from the premium distilling and other sectors totalling over 150MW. A phased development approach is proposed to allow hydrogen production capacity to build out as demand increases.

The multi-phase project will include the construction of a 35MW capacity electrolyser package on the site at Ballindalloch, near Marypark (**Phase One**), producing on average 12,800kg of hydrogen per day. A future phase on the same site (**Phase Two**) is proposed to add an additional 35MW capacity, taking the total to 70MW by 2028.

The key inputs for hydrogen production by electrolysis are water and power. Water to feed the electrolyzers is expected to be sourced from a groundwater borehole. Power will be provided from a grid connection to the local electricity distribution network.

The electrolyzers will split the water into hydrogen and oxygen. The hydrogen produced will be compressed and transported to customers by road haulage initially, with pipeline transport being considered at a later stage. Oxygen produced will be safely vented to atmosphere.

