

Carbon Capture and Storage, Hydrogen and Fuel Cells

client: Scottish Enterprise Grampian and Aberdeenshire Council

client brief: Review opportunities within carbon capture and storage (CCS), hydrogen and fuel cell businesses, highlighting opportunities and the fit for Grampian and Peterhead, specifically in light of the DF1 project.

our solution: We conducted an energy related regional review including SWOT analysis on Peterhead, Aberdeen and the Grampian Region.

We reviewed CCS market, describing market size and segmentation, drivers, challenges and constraints.

We reviewed the BP/SSE DF1 project, including the assessment of the likelihood of replicability and government support.

We reviewed hydrogen, fuel cell and other emerging energy opportunities.

We thereby determined the opportunities for Peterhead and Grampian connected to the DF1 project and CCS and hydrogen/fuel cells in general, including the scope for a Peterhead Energy Park.

We developed a vision for CCS and Hydrogen Economic Development with a proposal for a realistic timeline for development.