

## The University of Aberdeen The Energy Building

RSP are proud to have been appointed the M&E designer for The Energy Building for The University of Aberdeen.

The new building will total approximately 15,500m<sup>2</sup> and will encourage collaborative working and the sharing of resources by bringing together subjects from the faculties of Engineering & Science (Computing Science, Maths, Physics, Engineering, Geography, Geology, Chemistry and Archaeology).

The building will include research, teaching, office and ancillary accommodation as well as a class leading Fluid Dynamics facility.

The Fluid Dynamics area of research will serve as a platform for expansion into newly emerged and quickly developing areas of fluid mechanics related to geological carbon sequestration and enhanced oil recovery; renewable energy systems with focus on mitigation of their environmental impacts; and aquaculture systems including hydraulic optimisation of seaweed production for biofuels.

The Building will require extensive services input and shall incorporate a connection to the Universities District Heating system as well as Heat Pump Technology, recovered rainwater, free cooling systems and PV panels.

The project has a target of BREEAM Excellent.

The new £43m facility is to be located at the King's Campus in Aberdeen and is programmed for completion in 2018.

