

Renewables





Renewables

Climate change remains a significant challenge and the move to a low-carbon economy is widely seen as a necessary step. A key part of this is increasing the proportion of energy that is generated from renewable sources to provide a sustainable, diverse and secure supply. The International Energy Agency has estimated that nearly 50% of global electricity supplies will need to come from renewable sources in order to halve carbon dioxide emissions by 2050.

With a mix of private and public funding, projects are driving ahead providing wind farms, biomass power stations, hydroelectricity power, solar energy farms and exploiting the power of the sea. In addition to the high class engineering, the human element of these projects needs to be considered.

To minimise downtime it is key that maintainability and access are considered in the design. CCD uses its skills in ergonomics to ensure workspaces are designed for maintenance so tasks are done right, first time. Our approach minimises health & safety risks to staff, reducing injury rates and lost time and ensuring legal responsibilities are met.

To maximise production, the control operations can also benefit from a user-centered approach. CCD designs control rooms so that staff make fewer errors and the ergonomics are considered from the outset. We also work with system suppliers to make sure that SCADA, control and communications systems are usable and meet the operational need.

Some of our clients:

- HSE
- Babcock
- Husky Energy
- Shell
- Balfour Beatty
- Siemens
- ABB

Contact us to discuss how we can help you...



CCD Design & Ergonomics Ltd
95 Southwark Street | London | SE1 0HX
Tel: +44 (0)207 593 2900 | Email: info@ccd.org.uk | Web: www.ccd.org.uk