



## Japan CCS Forum 2024

### 第二部 / Part II

### パネルディスカッション/Panel Discussion

### パネリスト / Panellist



### Dr Edmund Ward

**Deputy Director for Business and Industrial Transformation**

**Department for Energy Security and Net Zero (DESNZ)**

**Government of the United Kingdom**

Dr Edmund Ward is Deputy Director for Business and Industrial Transformation at the UK's Department for Energy Security and Net Zero (DESNZ).

DESNZ is a Ministerial department of the UK Government, which alongside delivering security of energy supply, is focused on ensuring properly functioning energy markets, encouraging greater energy efficiency and seizing the opportunities of net zero to lead the world in new green industries.

Dr Ward is responsible for the UK's Industrial Decarbonisation Strategy, and leads teams responsible for tackling emissions via energy efficiency, circular economy, fuel switching (to electrification and hydrogen) and through the application of carbon capture, usage and storage (CCUS). He also has responsibility for decarbonisation of industrial off-road machinery, and for the development of markets for low-carbon products.

Industrial emissions are around 17% of total UK carbon emissions, and the UK government is progressing ambitious plans to decarbonise without deindustrialising. Current priorities set out in line with the Government's Clean Energy Superpower and Growth Missions, include the development of a new UK Industrial Strategy and Circular Economy Strategy. On CCUS, the UK Government has recently confirmed £21.7bn of funding available to support two industrial clusters in the North West and North East of England, as part of a wider programme.

Edmund has a PhD in materials science and engineering, and has worked in industry, academia and policy roles. For the last twelve years, he has worked in UK Government, including for the energy regulator Ofgem and for business and energy departments. He is based in Darlington in north-east England, but leads a team that is based across Scotland, Wales and England.