

UK's climate policy and green economy

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英國在台辦事處 副代表 畢騰安

Wind energy



2008 氣候變遷法



The Climate Change Act 2008

1

A goal 目標

2050 Emissions Target

2

A pathway 路徑

Carbon Budgets

3

A monitoring
Framework 監管機制

Committee on Climate Change to
monitor progress and suggest changes

Committee on Climate Change 氣候變遷委員會



- **Independent statutory public body**
獨立的法定公家機構
- **Highly experienced committee members**
專業有經驗的委員會成員
- **Jointly sponsored by the Department for Business, Energy and Industrial Strategy (BEIS) and devolved government**
由中央和下放政府共同出資
- **Independent advice, monitor progress**
獨立的建言及監管過程
- **Prepare UK for impact of climate change**
讓英國準備好面對氣候挑戰

Net Zero 淨零目標



- **Extensive scientific evidence (IPCC)**
廣泛的科學證據
- **Urged the governments to consider their advice and legislate for new targets**
督促政府接受建言並立法新目標
- **Net Zero target is necessary, feasible, and cost-effective**
淨零目標是一個必要、可行且具成本效益的

Confederation of British Industry 英國工業聯合會



Equivalent to Chinese National Federation of Industries

“UK business stands squarely behind the Government’s commitment to achieve net-zero emissions by 2050. This legislation is the right response to the global climate crisis, and firms are ready to play their part in combating it”

“Climate leadership can drive UK competitiveness and secure long-term prosperity.

*“Some sectors will need **clear pathways** to enable investment in low-carbon technologies, and it is vital that there is cross-government coordination on the policies and regulation needed to deliver a clean future.”*



Drax



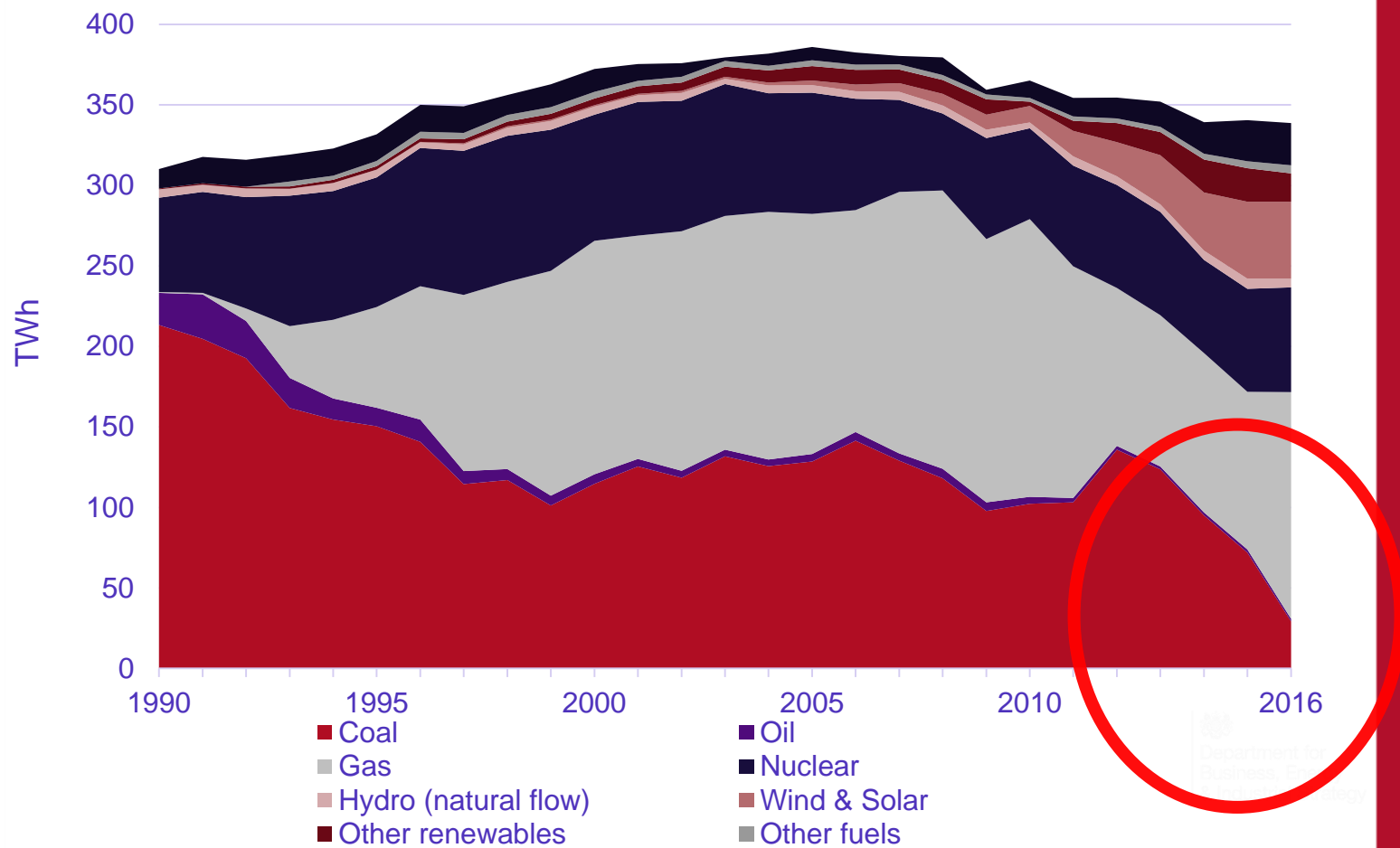
- **Largest power station in the UK**
英國的最大的電廠
- **Reduced coal use by converting power station to using sustainable biomass**
減少煤炭的使用並轉型為永續生質能
- **Adopt revolutionary technologies to capture carbon**
使用探捕捉創新科技
- **Leadership**
成為同業領導

Green Finance Strategy 綠色金融策略



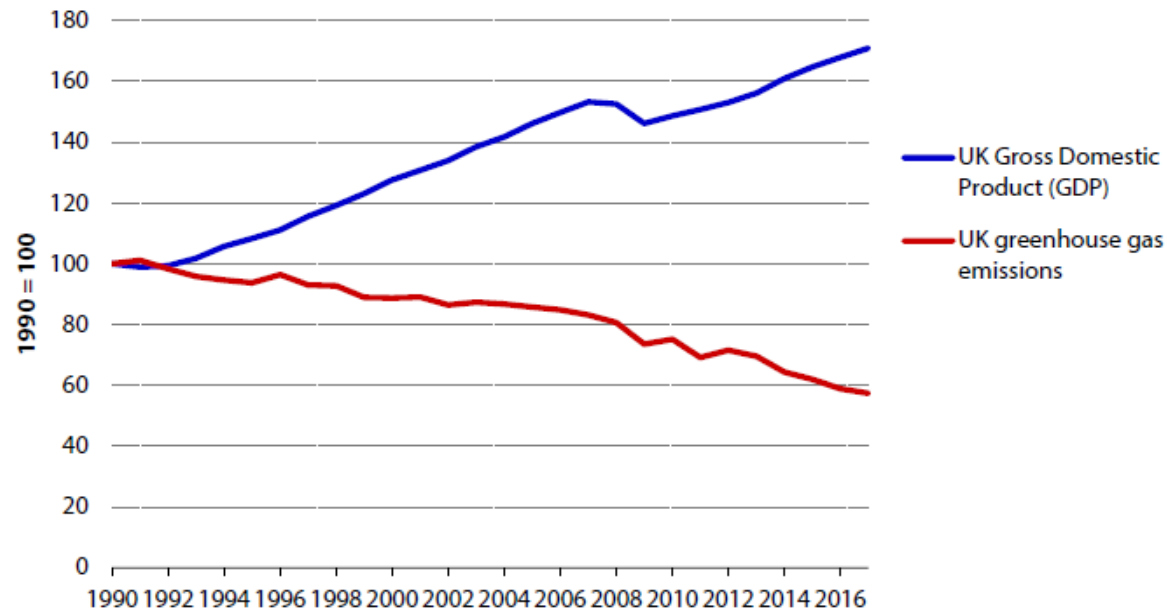
- **Mainstream climate and environmental factors as a financial and strategic imperative**
將主流的環境因素納入財務決策
- **Expects all listed companies and large asset owners to disclose in line with the Taskforce on Climate-related Financial Disclosure recommendations by 2022**
2022年前上市公司和大型資產家都採納氣候相關財務揭露
- **Calculate and publish company's impact on climate change**
計算並揭露公司在氣候變遷的影響
- **Consider impact of climate change of companies ability to operate**
評估氣候變遷對企業的影響

能源結構改變



Low carbon economy 英國綠色經濟

Figure 1. Since 1990 UK emissions have fallen 43% while the economy has grown over 70%



Source: BEIS (2018) 2017 UK Greenhouse Gas Emissions, Provisional Figures; BEIS (2018) 2016 UK Greenhouse Gas Emissions, Final Figures; ONS; CCC calculations.

Notes: Series indexed to start at 100. In 2017 UK GDP was £1.9 trillion and GHG emissions were 456 MtCO₂e.

Thank you

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