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Low Carbon Transition Plan

- What is it?
- What it means
- Where does this place the UK?
- Key regional initiatives

What is LCTP?

- UK Government – the most systematic response to climate change of any major developed economy
- UK – first country in the world to set legally binding carbon budgets
- Focuses on:
 - Energy
 - Homes and communities
 - Jobs and workplaces
 - Transport
 - Farming
- Legislation and funding

Legislation and Targets

- Emissions reduction (from 1990 baseline) to
 - 34% by 2020
 - 80% by 2050
- Renewable energy strategy:-
 - 40% of electricity produced by low carbon sources by 2020
 - 15% of all energy from renewables by 2020
- Transport – average new car emits 40% less carbon
- Buildings – 7M homes clean energy makeover
- Jobs – 1.2M people in green jobs

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What does this mean?

- Investment
 - £6M to develop smart grid
 - £11.2M low carbon planning
 - UK's largest biomass power station in Teeside
 - £4M expansion of MAS
 - £100M to Carbon Trust
- Exploit competitive advantage
 - Offshore wind
 - Marine Power
 - CCS
- Increased energy security
- Economic growth
 - UK already 6th largest economy for low carbon goods & services worth £3Trillion and growing

Key Regional Initiatives

- Largest wood pellet mill in the UK
- Largest anaerobic digestion facility in UK
- Investment in innovative environmental technologies, such as Pulse Tidal
- £200M EU funding proposed for Yorkshire & Humber CCS project
- Low carbon skills development

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Where does this place the UK?

- UK taking a real lead into Copenhagen
- However, there needs to be more, LCTP is just the beginning