



Vice Admiral Tim Laurence

The MOD Estate and the Energy Challenge

RUSI - 9 July 09

THE ENERGY CHALLENGE

- Importance of MOD Estate
- Targets and Progress
- New Commitments/Directives
- Does it all Matter?
- Funding the Targets
- A Pragmatic Approach

SOGE TARGET - Emissions

Relative to 99/00, reduce carbon emissions by:

- 12.5% by 2010/11
- 30% by 2020

MOD performance 2007/08:

Emissions of carbon dioxide from the estate reduced by 10.3% from baseline

SOGE TARGET - Efficiency

Relative to 99/00, increase efficiency per M² by:

- 15% by 2010
- 30% by 2020

MOD performance 2007/08:

Energy efficiency per M² has increased by 10%

SOGE TARGET - Renewables

Source at least 10% of electricity from renewables by 2010

MOD performance 2007/08:

8% of electricity sourced from renewable sources

SOGE TARGET - CHP

Source at least 15% of electricity from Combined Heat & Power by 2010

MOD performance 2007/08:

6% of electricity sourced from Combined Heat & Power

NEW DIRECTIVES AND COMMITMENTS

- Carbon Reduction Commitment
- Energy Performance of Buildings Directive
- Climate Change Act
- Merton Rule
- Carbon Neutrality



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SUMMARY

- Steady Progress but could (and must) do better
- Extra funding unlikely
- Need better data
- Onus on leadership at site level
- Behavioural change
- Invest at appropriate moment
- Must make business sense
- Better incentives
- Work with Others