



Energy Efficiencies:
Pipe-Dream or Reality?
The Case for CCS in Power Plants

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by
Gerald Doucet
Secretary General, World Energy Council



Energy Efficiency

Versus

Energy Intensity



Efficiency dividends along the value-chain:

- Primary production
- Electricity generation
- Primary energy transport
- Energy storage
- Stationary fossil fuel end-use
- Electricity transmission and distribution
- Mobility uses
- Other uses



The Case for:

- Power generation
- Transmission and Distribution
- End Uses



The Energy Efficiency Toolbox:

- The price driver
- Voluntary industry actions plans
- Standards, labelling, codes & information
- Joint industry-government partnerships on energy RD&D



Carbon Capture & Storage:

- Coal and Gas
- Enhanced Oil Recovery
- Pre versus Post Combustion in Power Plants
- Where costs will fail?
- Where final prices will rise?
- Some Efficiency concerns
- Full fuel cost accounting



Next Steps & Conclusion:

- Become a 'thought leader' for raising public and industry awareness
- Disseminate, through its membership of nearly 100 countries
- Support energy efficiency and energy saving initiatives
- Promote efficient energy technology transfer



Thank you

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