Reducing Carbon Emissions

Local Authority Climate Change Leadership Seminar:

Learning from experience

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Sustainable Scotland Network \CIFAL Findhorn

Dunfermline, 10 September 2009

CARBON TRUST STANDARD

REDUCING CO2 YEAR ON YEAR

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Looking to the future

- Leadership role
- Maintaining services
- Seizing opportunities
- A low carbon Fife

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Our carbon history

- Carbon Management Plan 2006
- Carbon Champion
- Scotland's Climate Change Declaration
- Set targets
- Committed officer time

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Why a new approach?

- Scale of the challenge
- Need for efficiencies
- Funding major investments
- Bringing carbon into decision making

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The cost of inaction

- If carbon emissions were finance
- Our existing approach

…they are!

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The financial cost

- Value at stake
- Where decisions increase or decrease emissions
- Linking decisions to cost
- Time to act

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The financial cost

Value at stake by 2021

Difference between	Cost 2007/08	Cost 2021/21	Cumulative 2007/08 to 2020/21
Corporate Growth and BAU	£1,050,096	£12,011,901	£77,622,290
BAU and 3% target	£509,314	£12,197,206	£75,310,111
Corporate Growth and 3% target	£1,559,410	£24,209,107	£152,932,401

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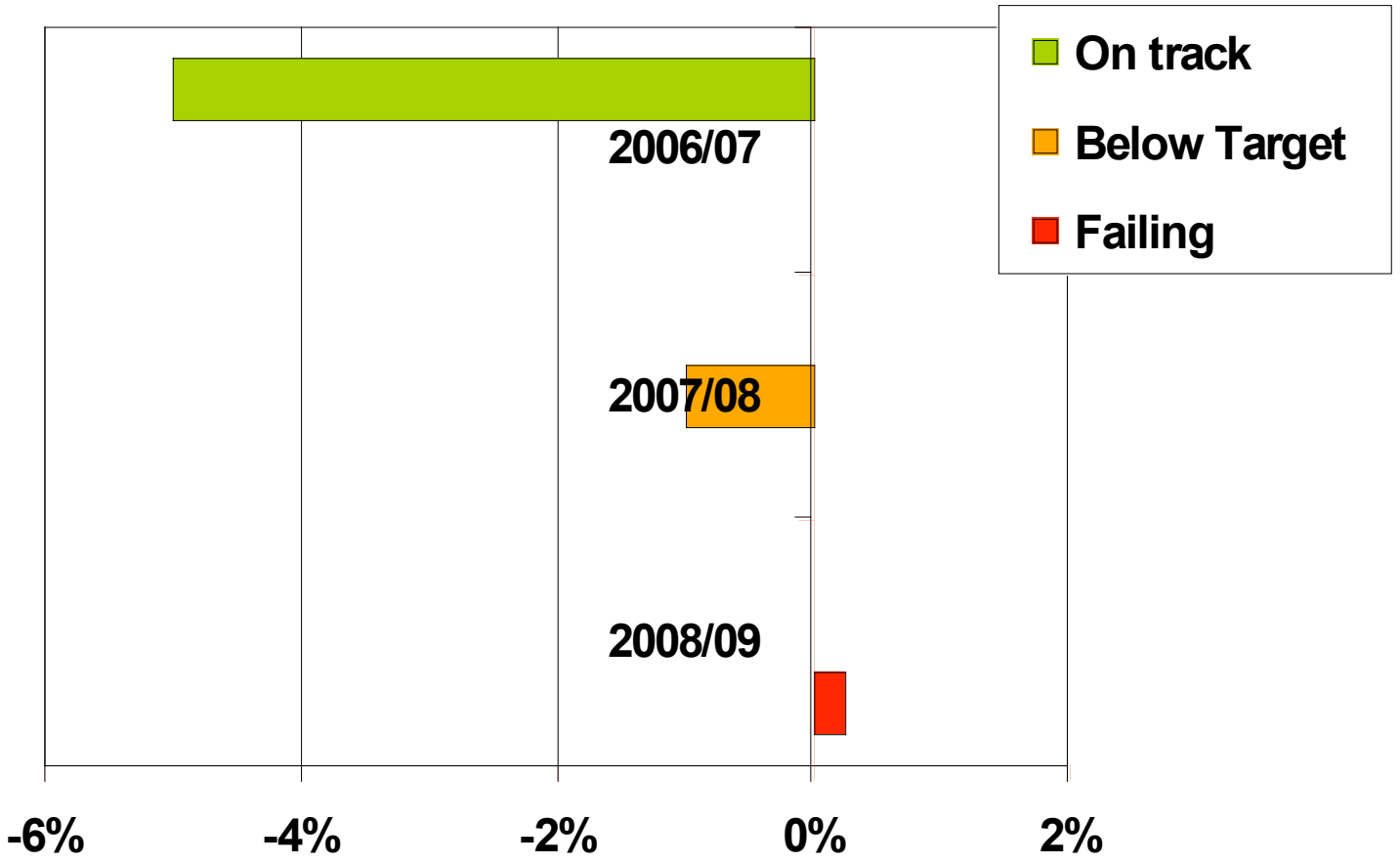
Performance to Date



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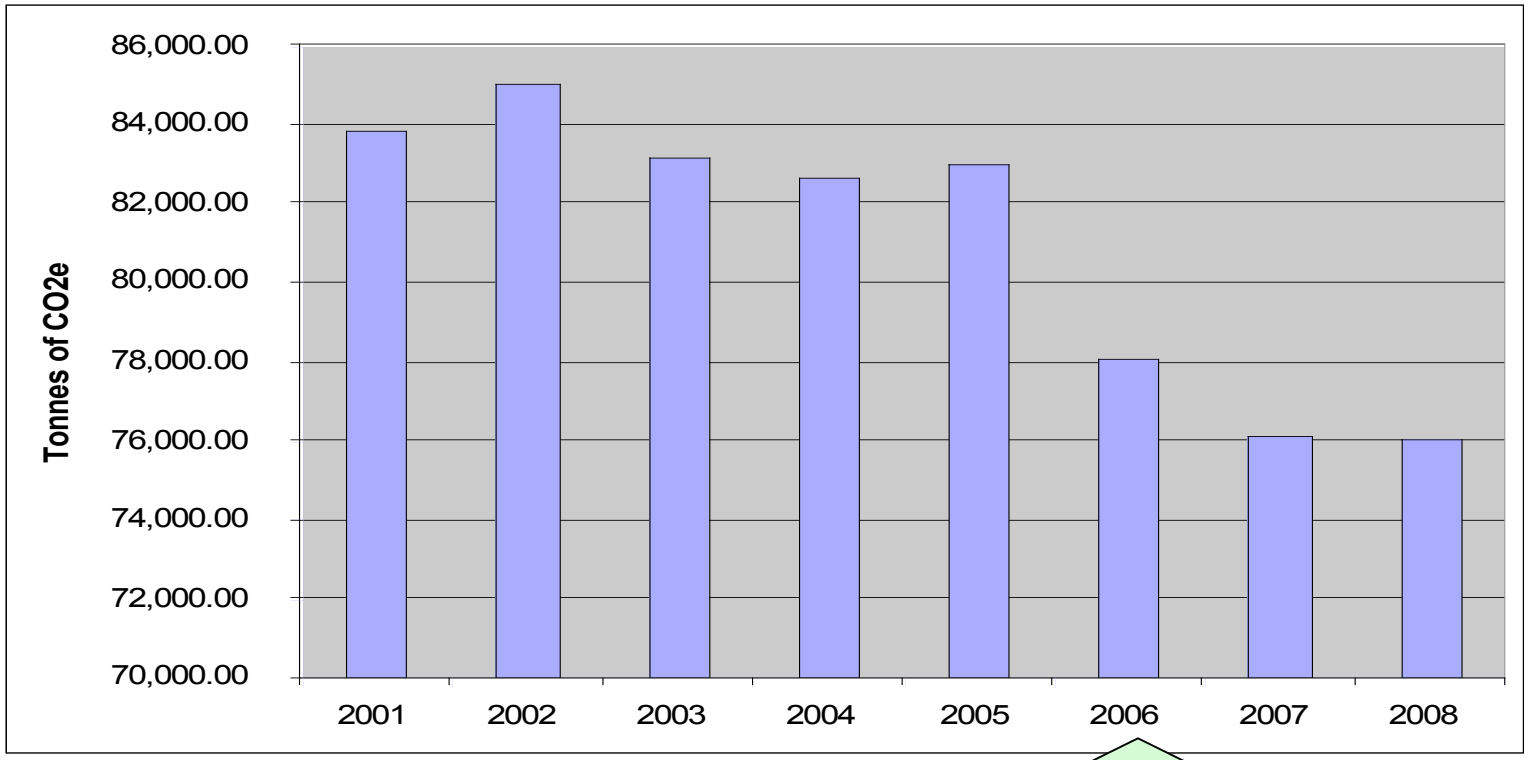
Performance to date

Building Energy – historic trends (1.3%/year)



Fife Council's Carbon Footprint Baseline Year

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Early Action

Fife Landfill Gas projects

- Harnessing of methane gas at Council's two sites - Dunfermline & Ladybank
- Electricity generation supplied to grid equal to 7,500 tonnes of CO_2
- Methane reduction equal to 52,500 tonnes of CO_2
- Thermal output to heat over 240 nearby homes and public buildings
- Both projects operated by third party - Council benefits from a royalty income from both projects

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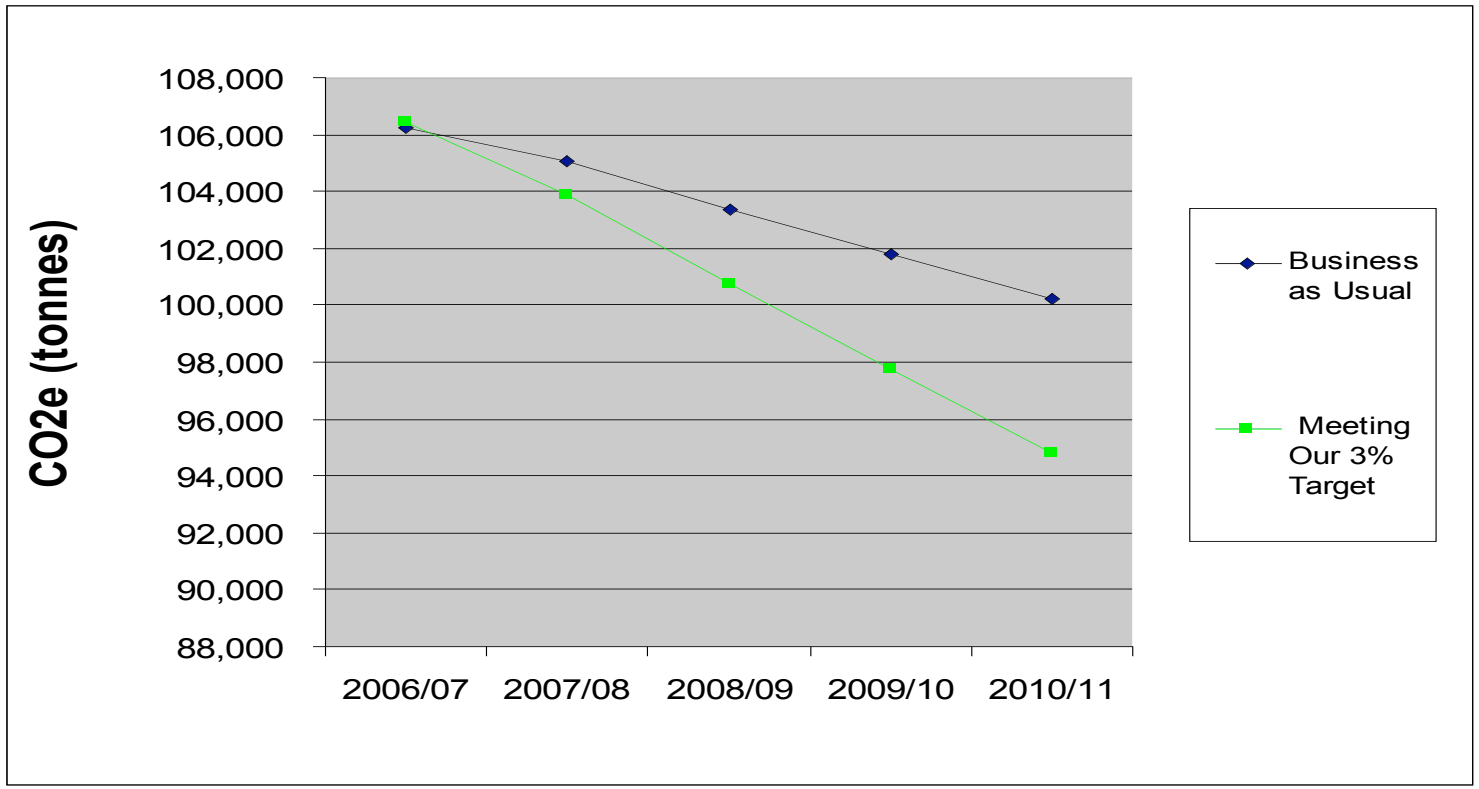
Targets and trends

Performance from the baseline (2006/7)



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The business management challenge

- Corporate
- Service
- Team
- Officer

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Our new approach

- Short term planning
- Medium to long term

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Three themes

- Governance
- Support
- Accountability, reporting and scrutiny

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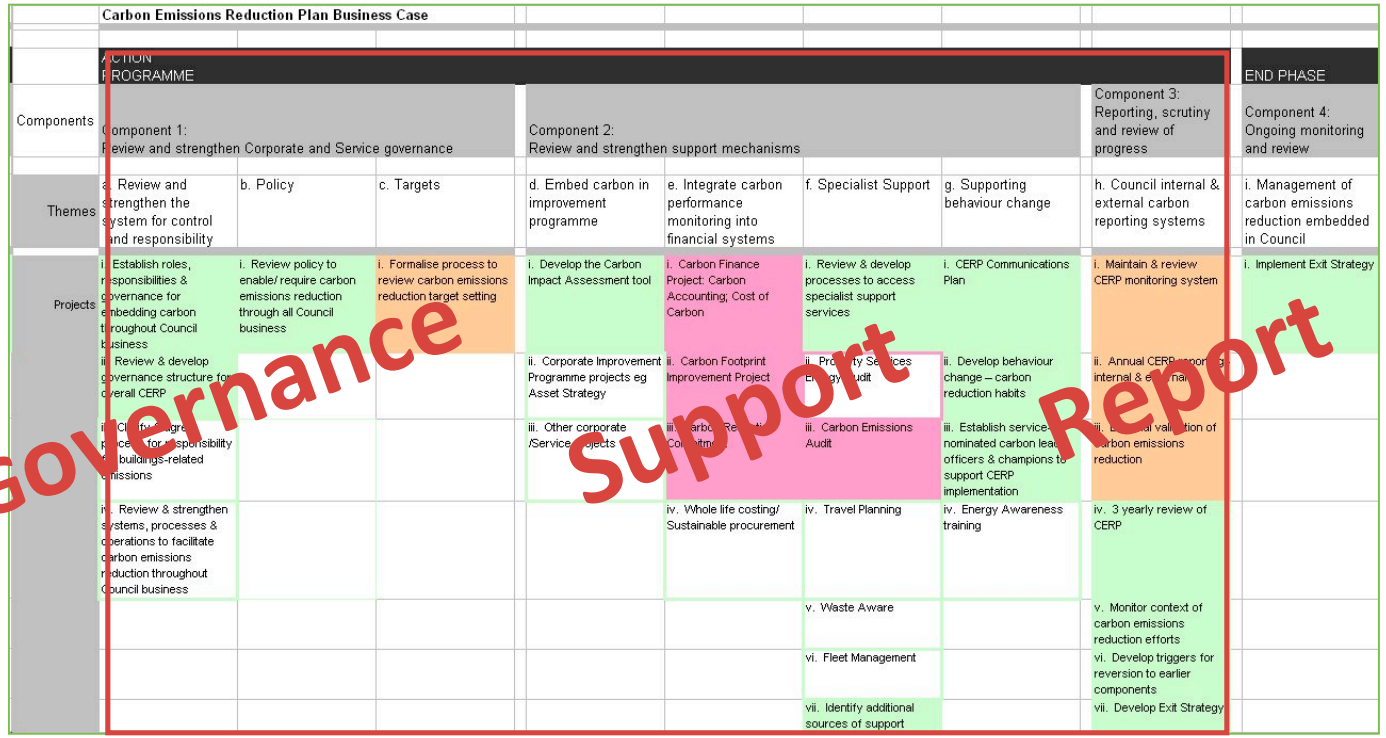
A carbon efficiency culture

…review and strengthen



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Governance

- Leadership
- Clear responsibility
- Clear control

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Support

- Specialist support
- Carbon as a second currency
- Evaluation tools
- Communications

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Accountability, reporting and scrutiny

- Council Management Team
- Senior officer Board
- Cross party members Board
- External reporting

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What does this mean on the ground?

- Carbon in decision making
- Early successes

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External validation and partnerships

- Working with partners

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The future

- Solid foundation
- Global challenge and agreements
- Playing our part

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Find out more?

Look at our website:

www.fifedirect.org.uk/climatechange

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