



The City of Calgary's Climate Change Program

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THE CITY OF
CALGARY
ENVIRONMENTAL &
SAFETY MANAGEMENT

Calgary, Alberta

PCP member since 1994

- 2010 population: 1,071,515
- Rapid growth mostly on the outer fringes of the city
- Located in the foothills of the Alberta Rocky Mountains
- Carbon-intense energy sources
- Operational GHG emissions down 28% since 2005
- Community GHG emissions up 5% since 2005





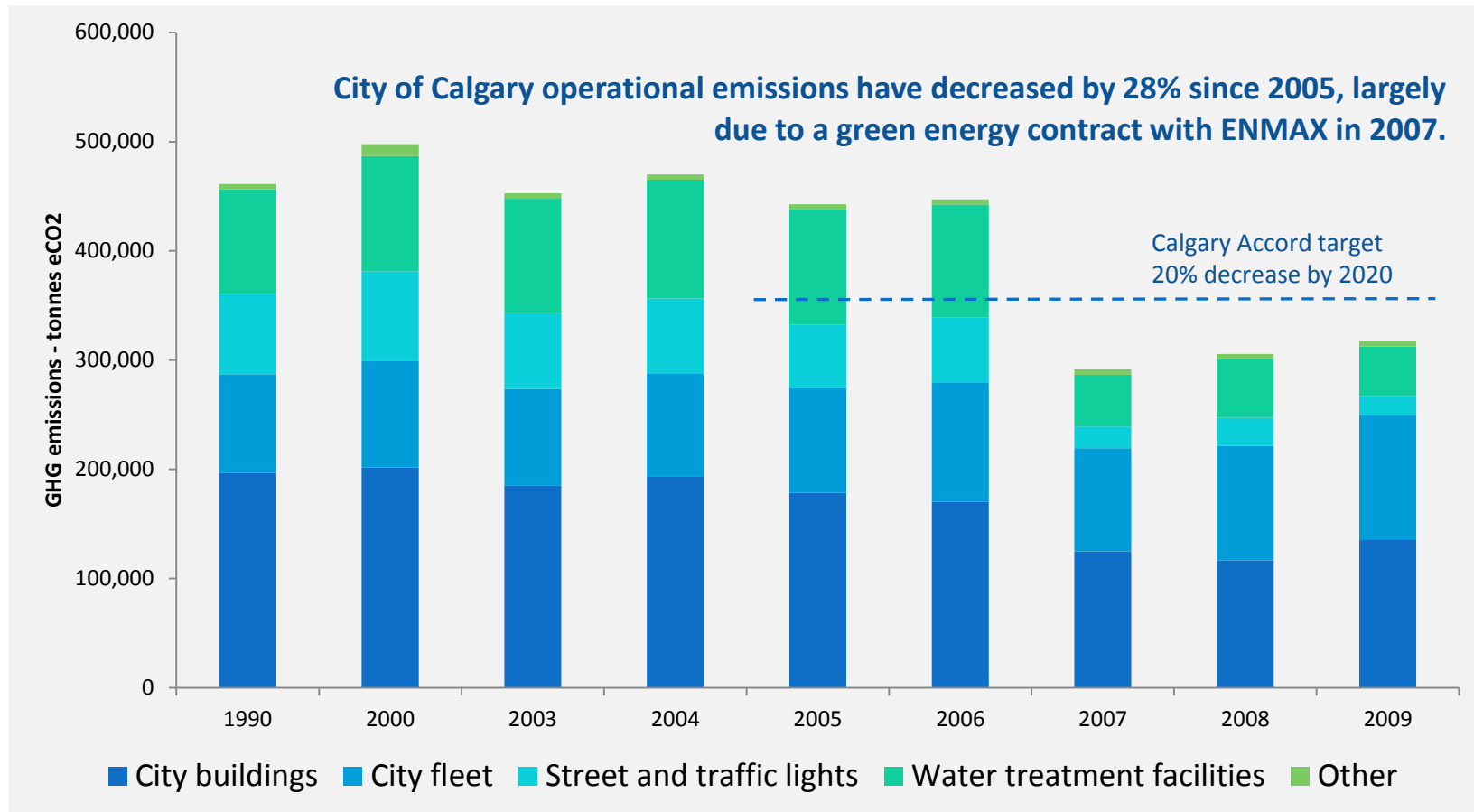
Evolution of Calgary's climate change program

- **2000** - GHG reduction target & program initiated by Council
- **2001** - First major initiative - 'Ride the Wind'
- **2004** – Corporate Climate Change Action Plan adopted
- **2006** – Corporate Target Minus 50 Plan adopted
- **2007** - Renewable electricity increases to 75% for municipal operations, with a further increase to 100% by 2012.
- **2009** - WECP Climate Change Accord targets a cut in emissions of 20% by 2020 & 80% by 2050 from 2005 levels.
- **2010** - Community GHG Plan and Adaptation plan underway.
- **2011** – Carbon financing and risk management initiated.





City of Calgary corporate GHG emissions



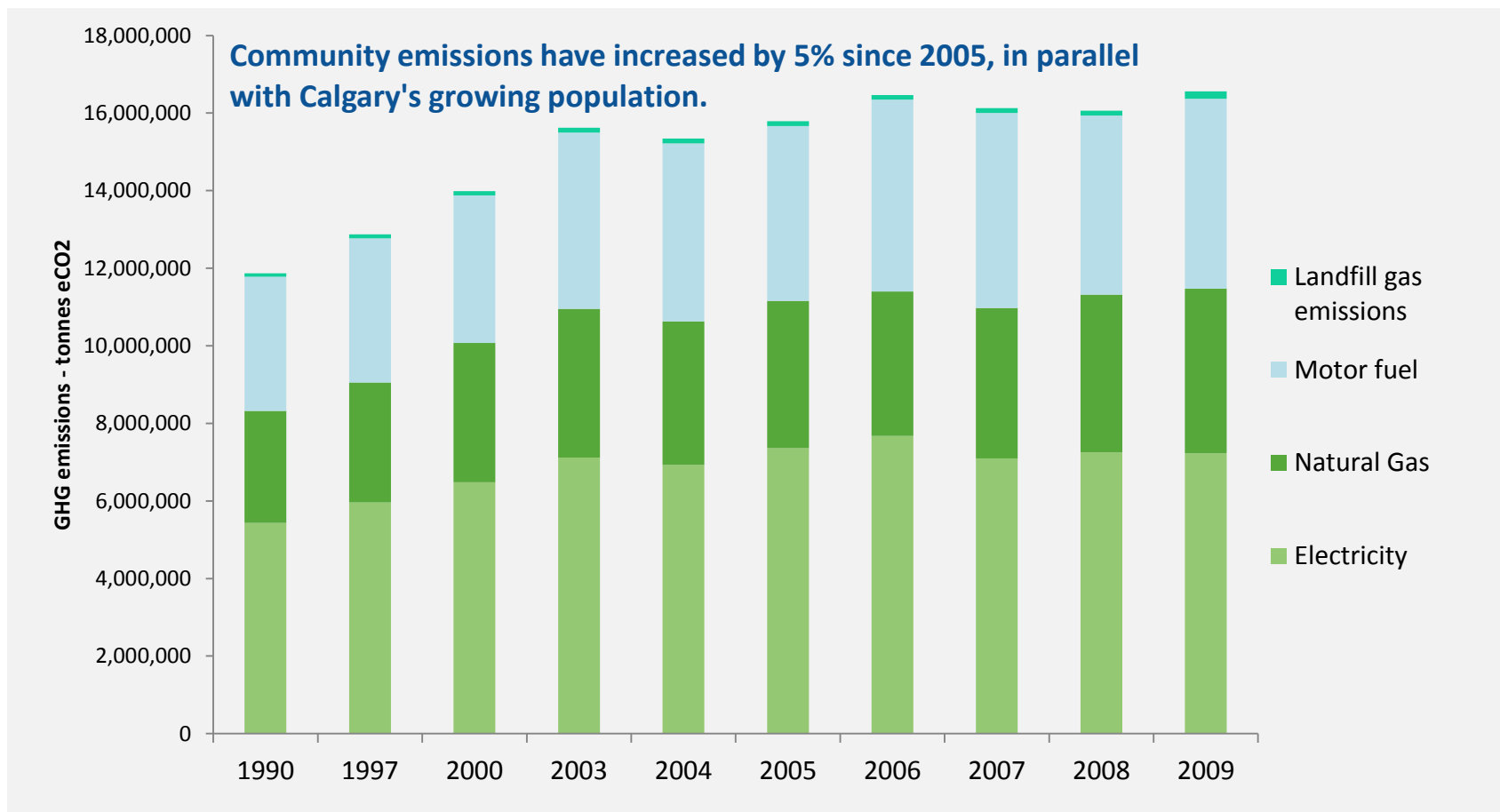


Corporate climate change plan

- **Successes**
 - Support from City Council and alignment with sustainability goals
 - Implementation of Target Minus 50 initiatives
 - Renewable energy contract
 - Emissions measurement system developed
- **Overcoming challenges**
 - Getting corporate buy-in and support
 - Confusion in an unregulated energy market
 - Emissions measurement
- **Future focus**
 - Strategic, corporate-wide view for managing corporate carbon risks and opportunities, adaptation planning.



Calgary's community GHG emissions





Community GHG reduction plan

- **Successes**
 - Securing funding and partners
 - Plan completion date - Fall 2011
 - Learning from stakeholders
 - Developing Alberta Guidebook on municipal climate change
- **Overcoming challenges**
 - Getting started and dealing with multiple funders
 - Stakeholder buy-in
 - Research report and community emissions inventory
- **Future focus**
 - Implementing plan – focus on provincial grid, energy efficiency, distributed energy, transportation.



Looking forward

- In this time of global warming and energy volatility, energy efficiency, renewable energy technologies and climate protection are three pillars of sound fiscal stewardship.
- In a climate-stressed world, the most successful local economies will be those that have the flexibility and dynamism to embrace opportunities and changes already underway.
- Both the community and corporate plans are key to achieving long term sustainability goals of imagineCALGARY, the Municipal Development Plan, and Sustainability Direction.





Thank you

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