



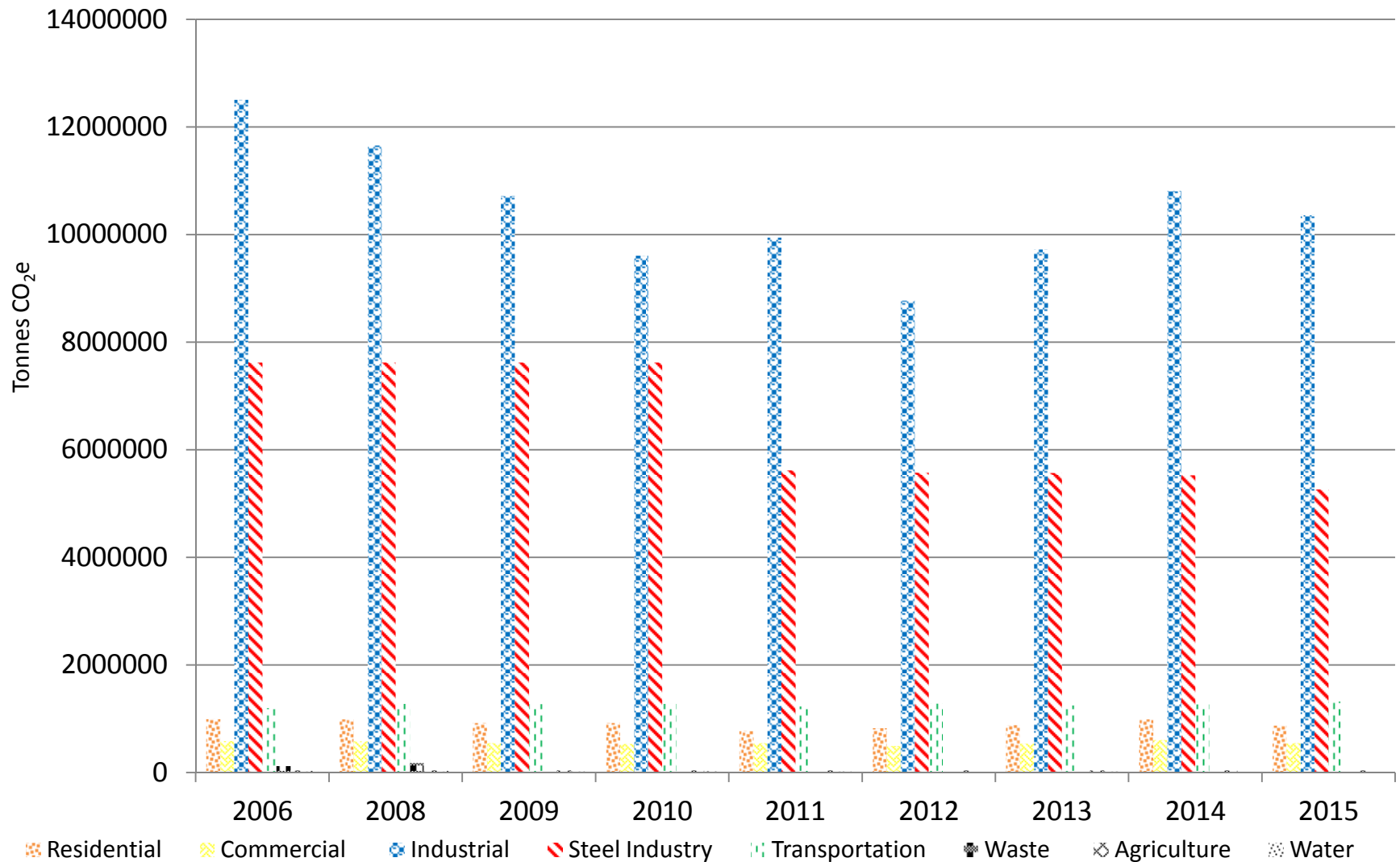
HAMILTON'S ACTION ON CLIMATE CHANGE

October 16, 2017

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Public Health
Healthy Environments

Community Greenhouse Gas (GHG) Emissions



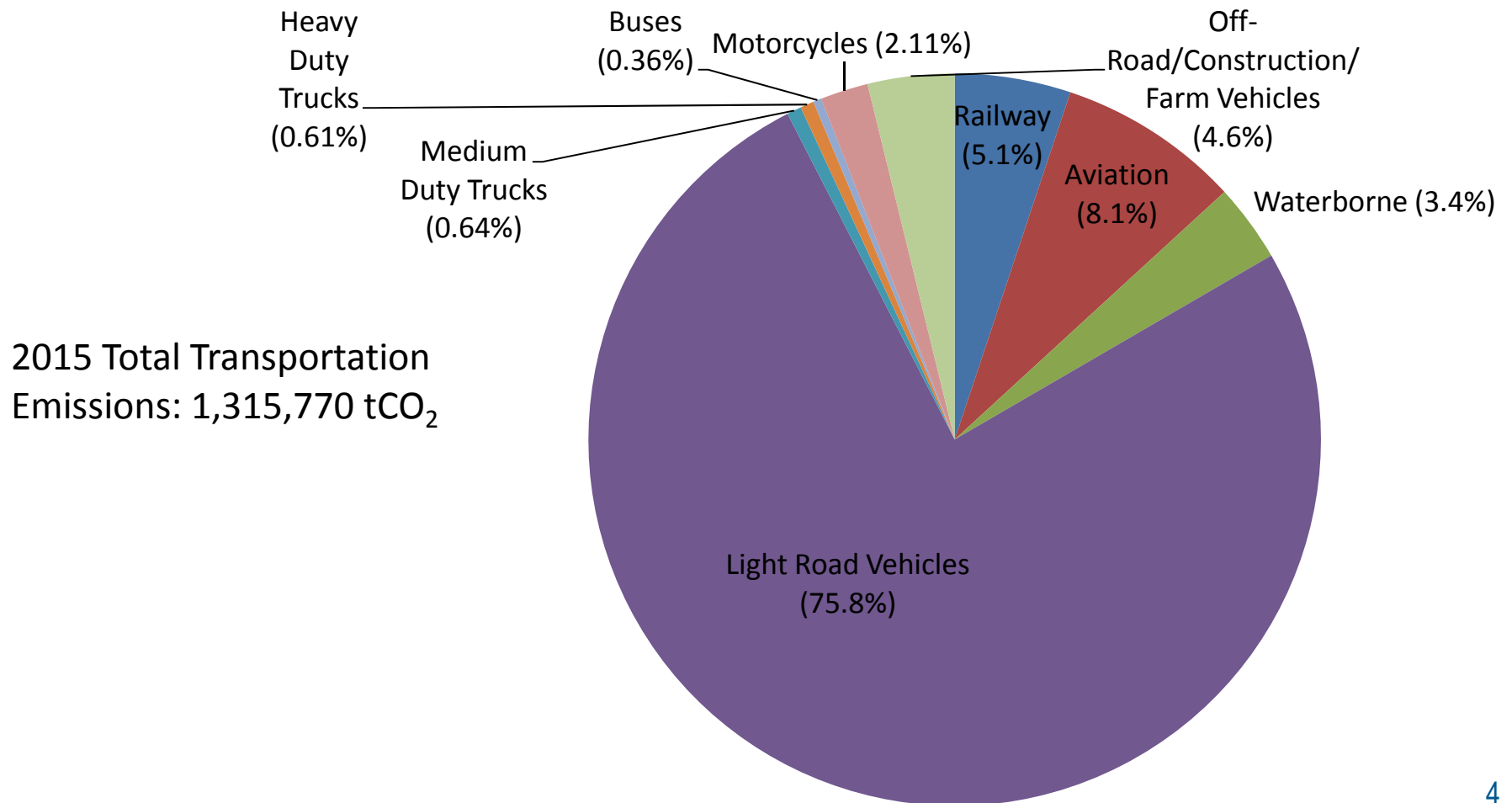
Greenhouse Gas (GHG) Sector Reductions

2020	2030	2050
20%	50%	80%

Community GHG Reduction Targets

Year	2012	2013	2014	2015
Solid Waste Reduction	92.8%	93.4%	93.0%	93.5%
Water Reduction	51.6%	36.2%	42.0%	45.3%
Steel Industry Reduction	26.9%	26.9%	27.5%	30.9%
Industrial Energy Reduction	29.9%	22.3%	13.5%	17.1%
Residential Energy Reduction	11.7%	11.0%	0.5%	11.7%
Commercial Energy Reduction	16.3%	8.4%	+3.2%	7.1%
Agriculture Reduction	2.8%	2.8%	2.8%	2.8%
Transportation Reduction	+6.5%	+3.7%	+5.2%	+9.6%
Total Community GHG Reductions from 2006 Levels	26.4%	22.0%	16.6%	20.2%

Transportation Related GHG Emissions



Funding for Climate Change

Funding/Grants	Objectives	Amount (\$)
FCM Plans and Studies Grants (multiple streams, funding stackable)	To reduce GHG emissions and help your community adapt to impacts of climate change	80% of project up to \$175,000 each project
FCM Capital Project Grants (multiple streams, funding stackable)	To help communities reduce GHG emissions and adapt to to impacts of climate change	80% of costs up to \$1 million each project
FCM Climate Change Staff Grant	To supplement salaries for existing municipal staff to implement climate change programs and projects	TBD
FCM Climate and Asset Management Network	To enable municipalities to integrate climate change consideration into infrastructure decisions	\$175,000 each project
FCM transition 2050	Combination of training and grant funding for a collaborative network of municipalities	TBD
FCM Municipal Asset Management Program	For projects that will help Canadian cities and communities enhance their asset management practices	80% of costs up to \$50,000 each project
FCM Green Municipal Fund	For municipal environmental initiatives that improve air, water and soil and reduce GHG emissions	Variable
Ontario Municipal GHG Challenge Fund	Projects that reduce GHG emissions in any sector.	\$10 million per project
Government of Canada Infectious Diseases and Climate Change Fund	To address climate change on human health by increasing access to infectious disease evidence, education and awareness	TBD
The Atmospheric Fund Grants	Projects that reduce GHG emissions and air pollution in the GTHA	Variable (\$10,000 - \$300,000)

Hamilton's Action on Climate Change

Bay Area Climate Change Partnership

A collaborative partnership between City of Hamilton, City of Burlington and Mohawk College to work on climate change

City of Hamilton Business Energy and Emissions Profile (BEEP)

City of Hamilton working with Sustainable Hamilton Burlington (SHB) participating in the unique BEEP program aimed at tracking and informing GHG emissions from small to medium sized businesses.

Climate Risk Adaptation Planning

Facilitated workshops with City Departments and community stakeholders on climate change and extreme weather risk assessments to create greater resiliency

Other Highlights:

- Terms of Reference for creation of Community Energy Plan (CEP) - (PED)
- Energy conservation projects in City Housing (City Housing)
- Low Impact Development (LID) projects across Hamilton (Hamilton Water)



QUESTIONS?