

Edmonton's Community Energy Transition Strategy Update

Edmonton - An unlikely leader in municipal climate change

- Oil and gas revenue account for 11 - 20% of provincial budget
- 6% of employment in Alberta
- 2019 per capita emissions = 17.7 tonnes
- In 2019, Edmonton had the 7th highest per capita emissions out of 815 cities

In 2020, 75% of Edmontonians surveyed said we need to take action on climate change now.

This Strategy will bring...

- **Financial returns**
- **Over 600,000 job years of employment**
- Modernized and diversified economy
- Community that attracts

It requires...

- Immediate implementation and support
- Investment
- Monitoring and staying the course

“Climate delay, not denial, is now the risk.”

Dr. Rachel Huxley, C40

Strategy GHG Reduction Target:

By 2030, Edmonton must reduce community-based net greenhouse gas emissions by 50%.

Recommendation:

By 2030, Edmonton must reduce its per capita greenhouse gas emissions by 75%.

GHG/capita	City GDP/capita (USD \$)	Indicative city target reduction for 2030 per capita emissions (% change from 2015 levels)*	City 2050 target (from baseline year 2015)	Example cities that match this profile
High (>5.1 tCO ₂ e/capita)	High (>\$15,000/capita)	-70% to -75%	Net zero emissions	Toronto Melbourne New York City Yokohama Heidelberg Wroclaw
	Low (<\$15,000/capita)	-10% to -15%	Net zero emissions	Cape Town eThekweni Tshwete Rio Grande São José dos Campos
Low (<5.1 tCO ₂ e/capita)	High (>\$15,000/capita)	-55% to -60%	Net zero emissions	Stockholm Seoul London Chula Vista Helsinki Barcelona
	Low (<\$15,000/capita)	-0% to -5%	Net zero emissions	Quito Nairobi Amman Buenos Aires Johannesburg Pasig City

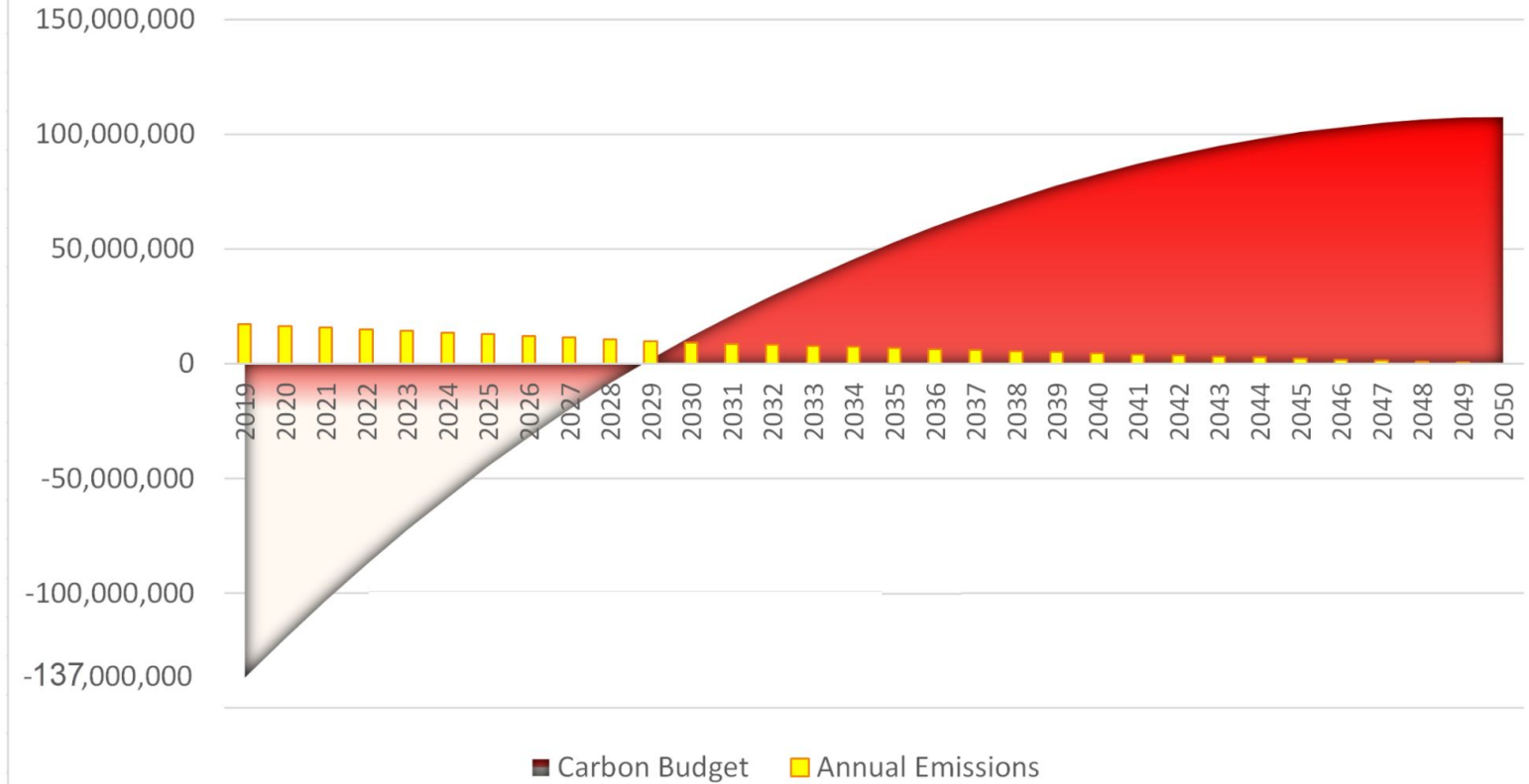
C40 Guidance

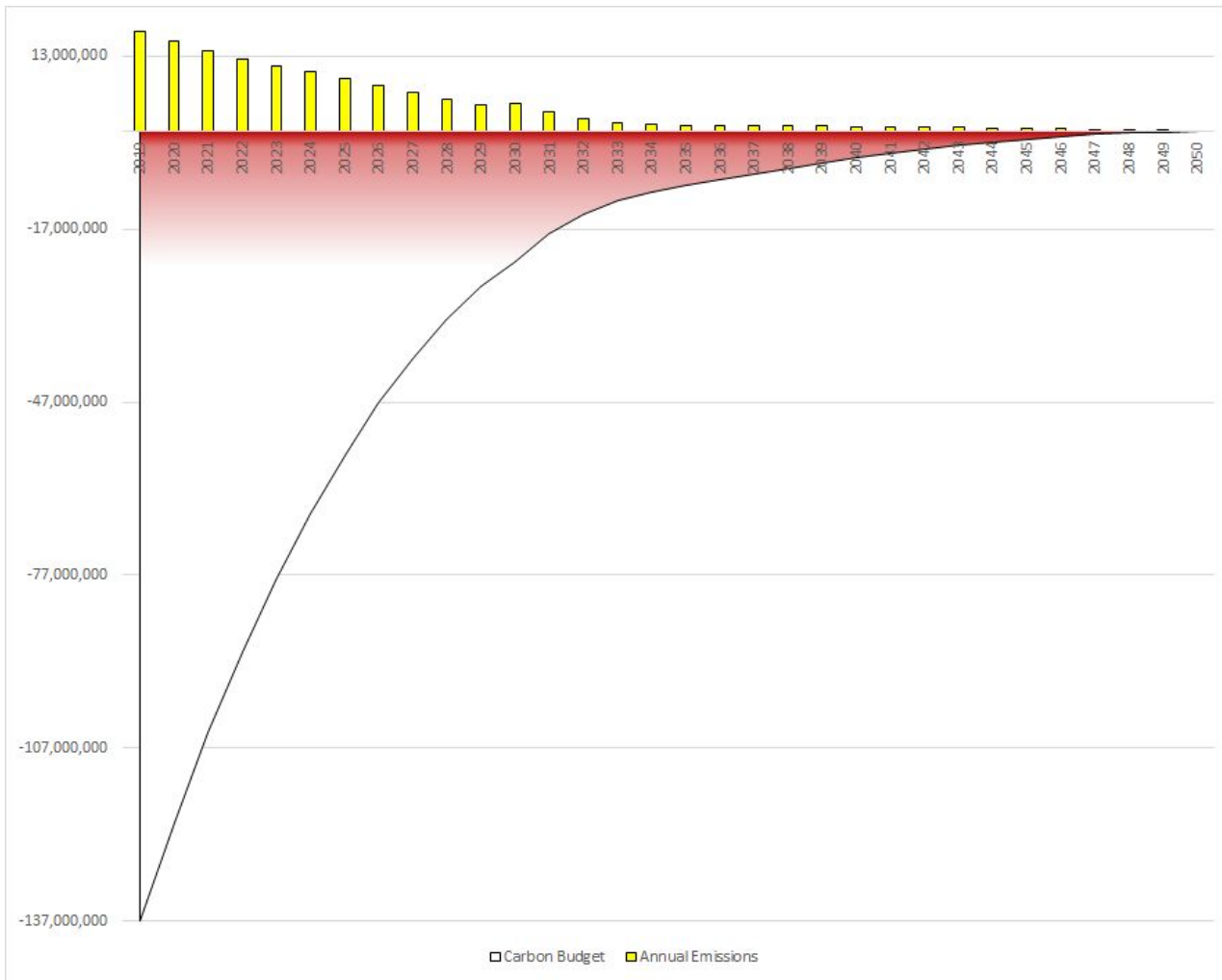
Edmonton (per capita):

- 17.2 tonnes
- \$70,000+ GDP

70-75% per capita reduction target

50% Reduction by 2030 depletes Edmonton's Carbon Budget by 2029





75% Per Capita Reduction by 2030 uses up Edmonton's Carbon Budget in 2051.

There is a path to a sustainable future for
Edmonton.