



City of
Kelowna

Climate Resilient Kelowna GHG Emissions Reduction

June 2022

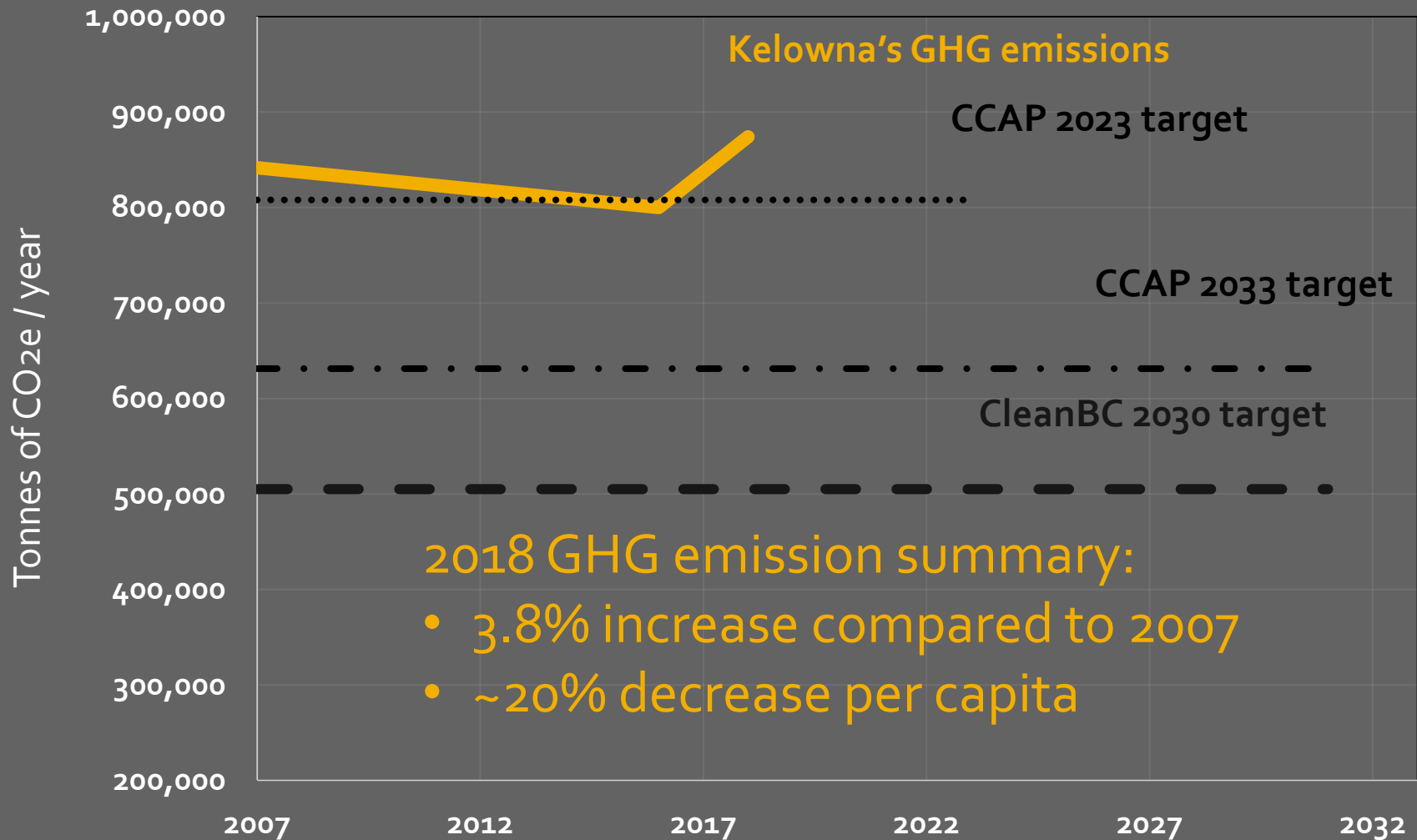
Kelowna's CCAP

5-year strategy to reduce GHG emissions below 2007 levels by:

- 4% by 2023
- 25% by 2033
- 80% by 2050



Kelowna's GHG Emissions



Why now?

- Current targets lapse in 2023
- LG Act requires OCP to have targets
- Climate impacts felt across province
- Significant change to climate policy landscape
- Aligns with many aspects of City business

Climate Resilient Kelowna



2018 CCAP Endorsed

2018 IPCC warning

CleanBC &
Climate Change
Accountability
Act

2018 

2021 Canadian
Net-Zero Emissions
Accountability Act

CleanBC
Roadmap to 2030

2021 

2022 Canada Emissions
Reduction Plan

IPCC 1.5° C pathway
45% below 2010

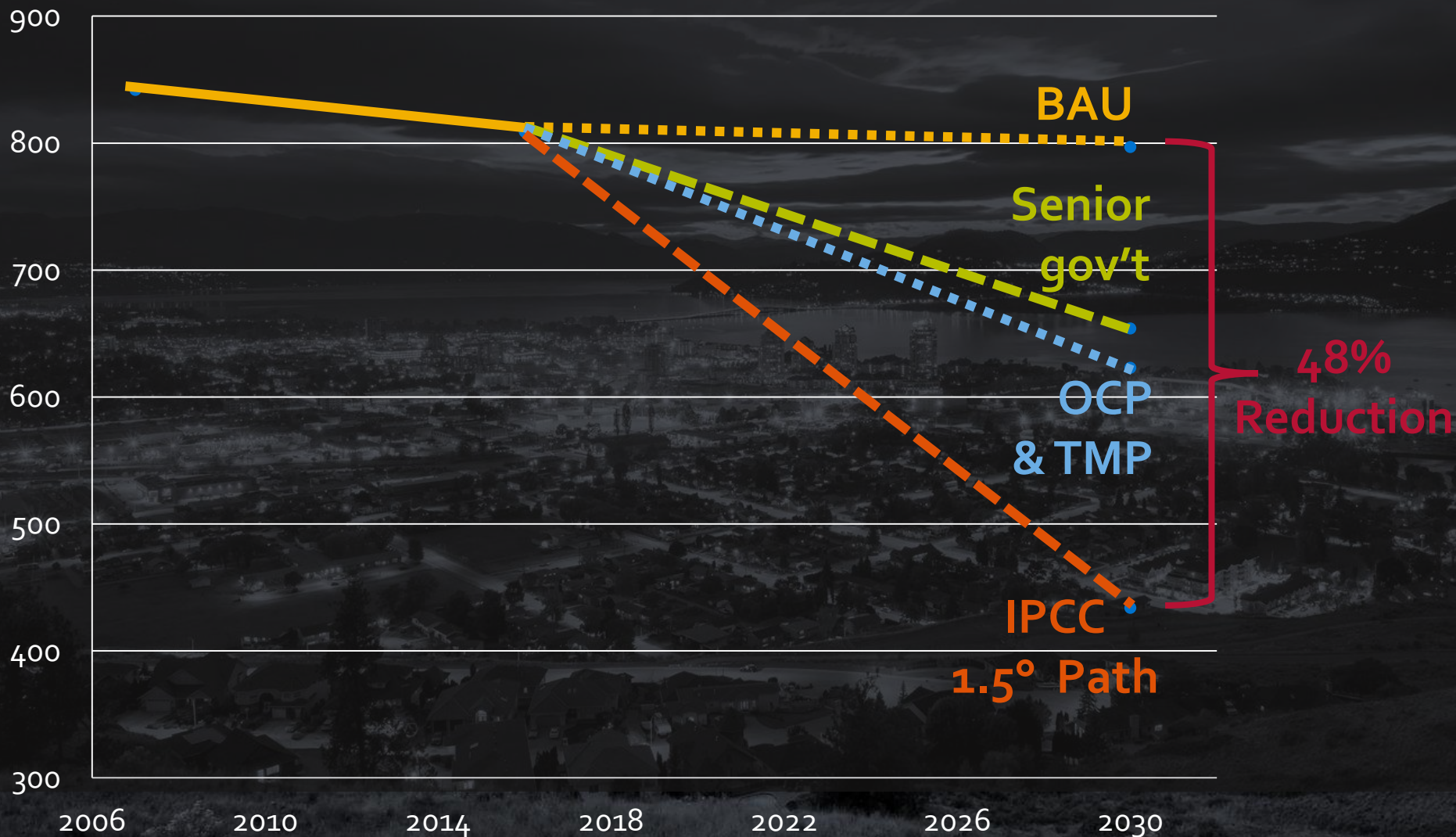
2030 

2050 IPCC 1.5° C pathway
net zero emissions 

Changes in Climate Policy

Towards 2030

A more ambitious path



BC Comparison

Government	Base Year	2030 Target	2050 Target
IPCC Findings	2010	40-45%	Net-zero
Canada	2005	40-45%	Net-zero
BC	2007	40%	Path to Net-zero
Burnaby	2007	45%	80%
Kamloops	2007	30%	80%
Penticton	2007	40%	Net-zero
Vernon	2007	50%	Net-zero
Average	2007	45%	Net-zero
Kelowna <small>current</small>	2007	25% (2033)	80%
Kelowna <small>proposed</small>	2007	40%	Net-zero

**A new path
forward:
recommended
target updates**

In partnership with senior governments; local citizens and businesses; non-profits; external agencies; and utility providers; work towards reducing absolute community GHG emissions

- **40% below 2007 levels by 2030; and**
- **Achieve net zero by 2050.**

Reduction Opportunities

Areas for action

1

Low Carbon
Transportation



2

Low Carbon
Buildings



3

Waste and
Renewable
Natural Gas



4

Complete
Communities



5

Green
Infrastructure



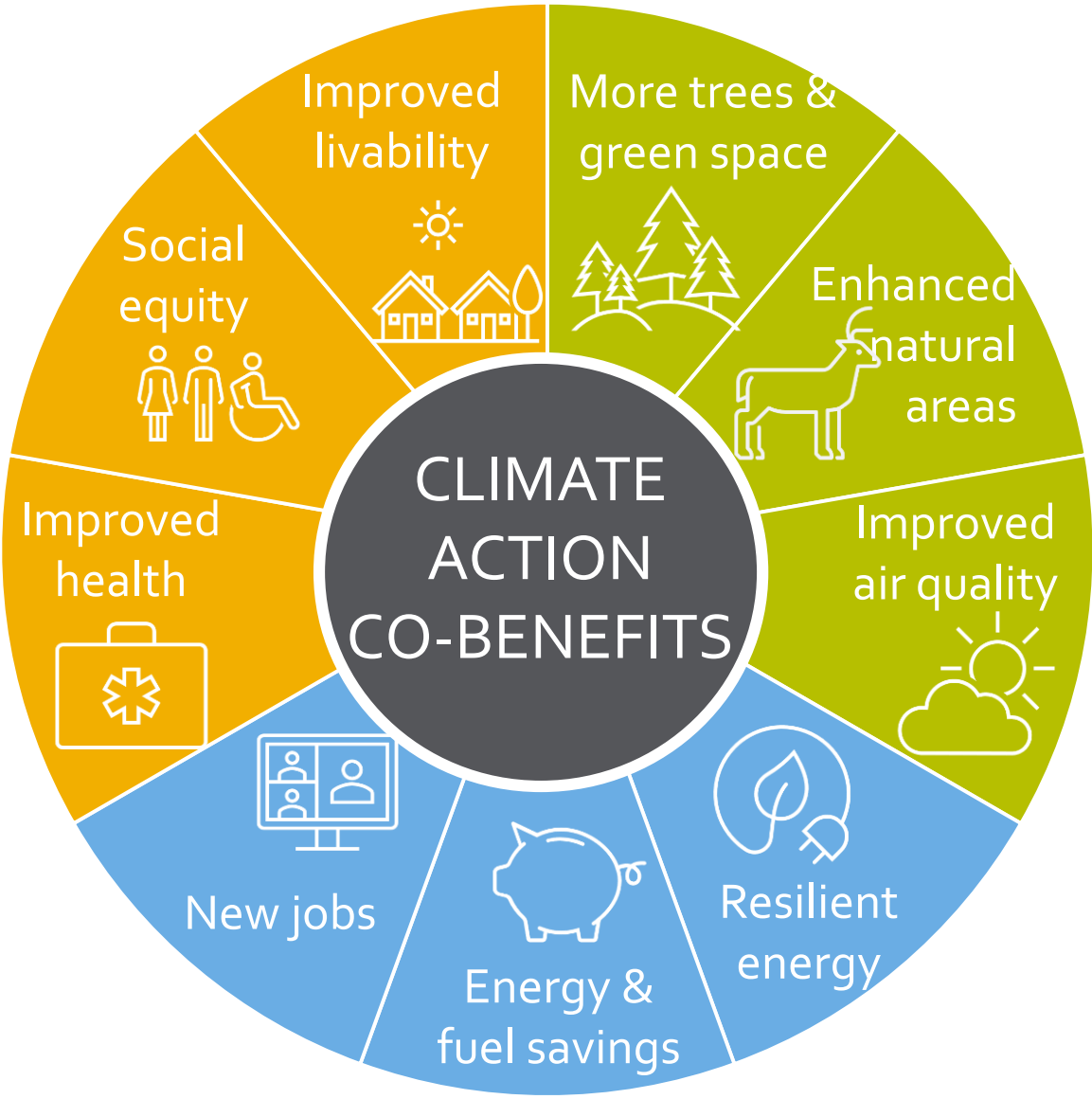
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City
Operations



Climate action co-benefits

- To 2050
- \$2 billion in savings
 - 33,000 person years of employment



Next Steps


PHASE 1:
GHG
Modelling
Study



PHASE 2:
Vulnerability
& Risk
Assessment



PHASE 3:
Climate Resilient Kelowna strategy



The climate emergency requires immediate action from us all, with our combined strength, knowledge, and efforts, there is an opportunity to create unity and impactful partnerships to combat this crisis today and for the future generations

'The First Nations Leadership Council



Questions?

For more information, visit kelowna.ca.