



GLOBAL WARMING TO DATE
+1.2238237084898

TIME LEFT TO +1.5°C
11:09:21:21:34:12:22

years months days hours mins secs csecs

2,407,064,329,604
TONNES OF CO₂ EMITTED

2020 -2030 Climate Change Master Plan

2020 Annual Progress Report

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Director, Office of Climate Change and Energy Management,
Corporate Services, Region of Peel

April 22, 2021

Climate disasters in 2020 were tragic...



2020 ties 2016 as the warmest year on record



\$2.5 billion in insurable losses in Canada



Peel Region has its longest extended heat event



but we can **Build Back Better Together!**

Current momentum **is signaling change**

President Joe Biden rejoins the Paris climate accord in first move to tackle global warming

PUBLISHED WED, JAN 20 2021·5:21 PM EST | UPDATED WED, JAN 20 2021·8:29 PM EST

Prime Minister announces Canada's strengthened climate plan to protect the environment, create jobs, and support communities

Français

NEWS PROVIDED BY
[Prime Minister's Office](#) →
Dec 11, 2020, 13:11 ET

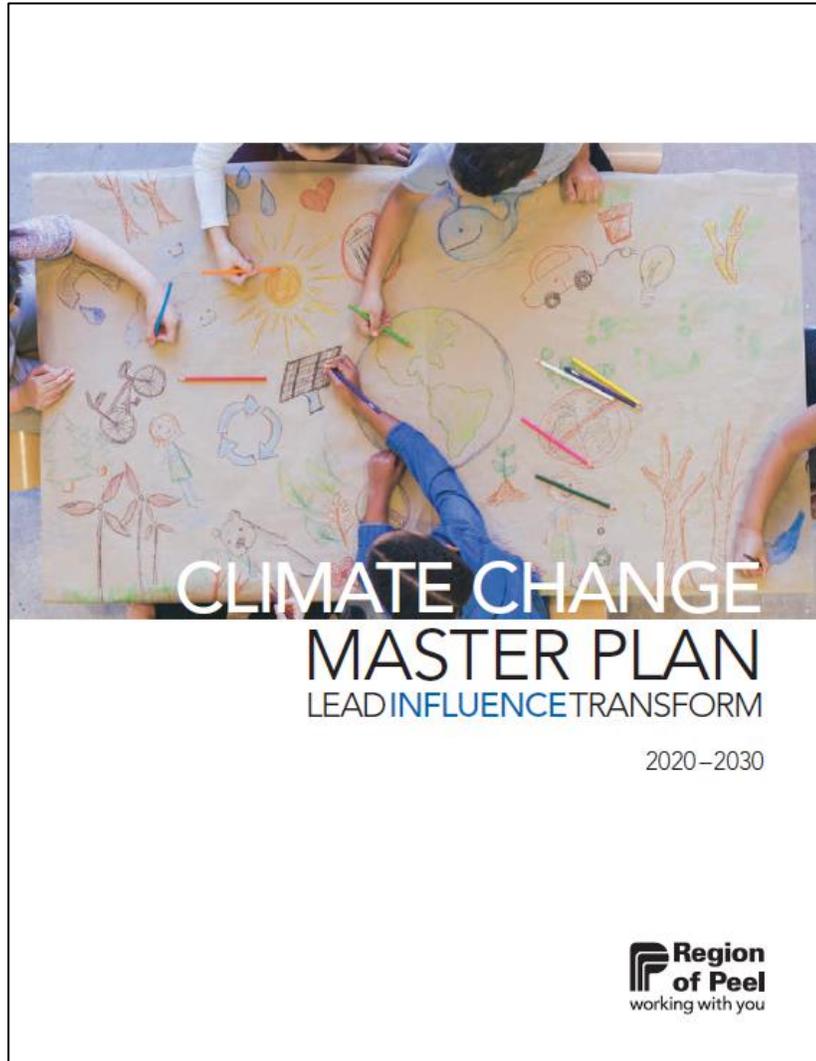
BlackRock steps up investor pressure on its portfolio polluters

By [Michael Holder](#)

GreenBiz

February 24, 2021

Climate Change Master Plan **Summary**



2020-2030 timeframe

20 Actions to achieve 5 Outcomes:

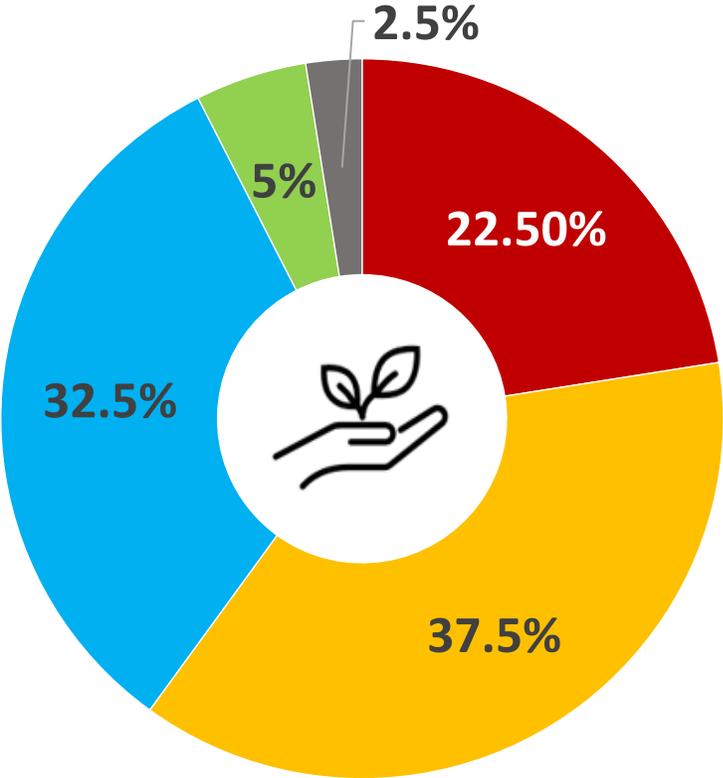
- **Reduce GHG Emissions**
- **Be Prepared**
- Build Capacity
- Invest
- Monitor and Report

\$300-\$400 million incremental investment

- \$85 million in estimated cumulative operational savings by 2030

The Region is making progress **but needs to accelerate action**

Climate Change Master Plan: 2020 Action Status



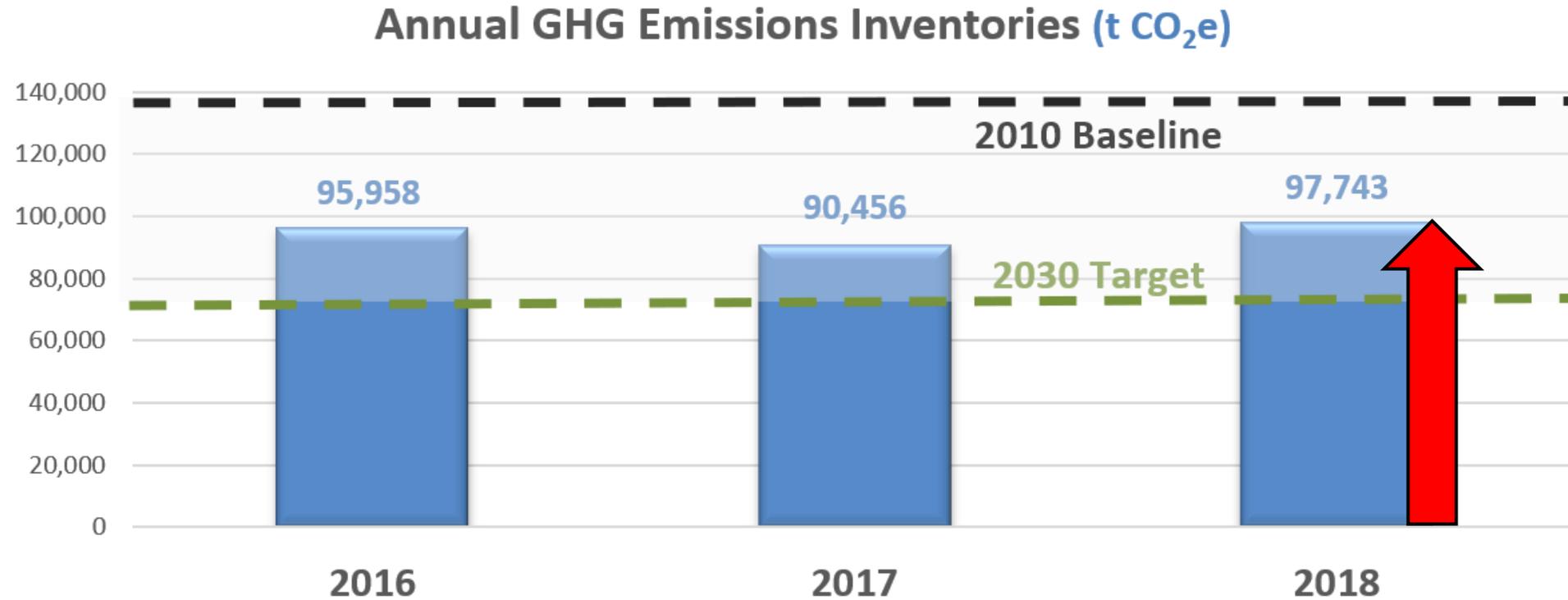
Reduce Emissions:
Not on track

Be Prepared:
Achieving scheduled milestones

Enabling Outcomes:
Progress must be accelerated

■ Not Started ■ Planned ■ In Progress ■ Complete ■ Unknown

Corporate GHG Emissions are rising



Emissions rose 8% between 2017 and 2018.

Phase 1 Projects: 2020 Progress Updates



Assess and Integrate Climate Change Risks into Asset Management Planning

Initiated development of Climate Change Risk Assessment Tool



Update Service Level Operational Plans

Commitments secured to develop Energy and Emissions Management Plans



Complete the Climate Change Engagement Strategy

RFP Drafted



Complete the Climate Change Financing Strategy

Postponed due to COVID-19



Implement Five Pacesetter Projects

Two Feasibility Studies Completed; One initiated

Additional 2020 accomplishments



Remote Work First: 5,000+ tCO₂e reduction



84 hybrid Police vehicles on the road



AD Facility Progress (organics → RNG)



Bovaird Stormwater Pond Retrofit

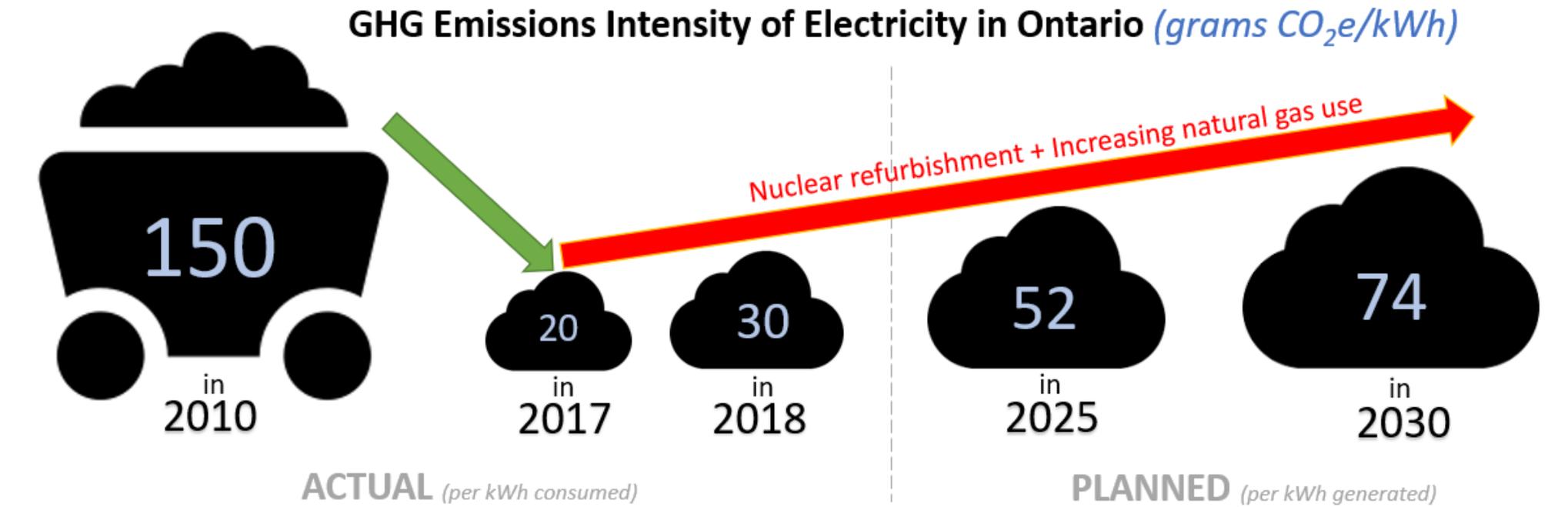


PCCP installs 13 public EV Chargers



Collaboration on District Energy

Advocate for clean electricity



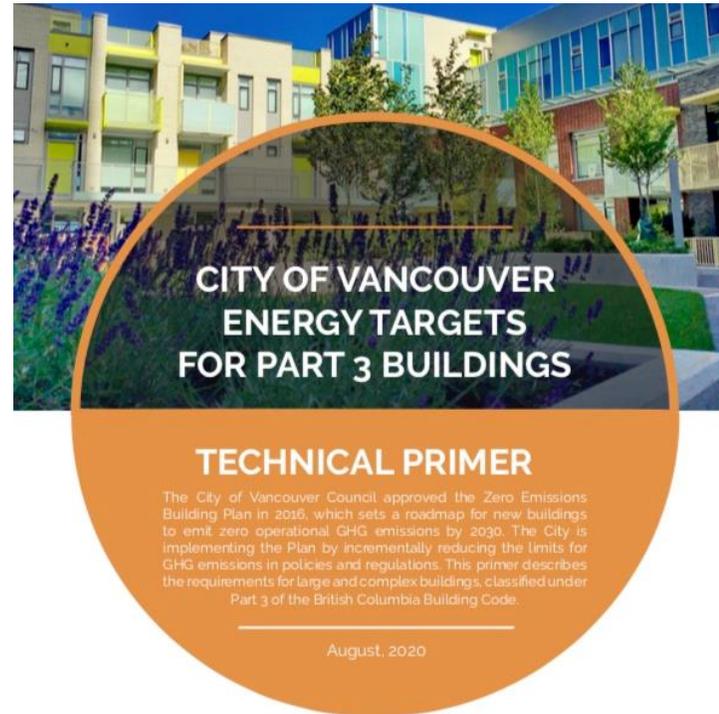
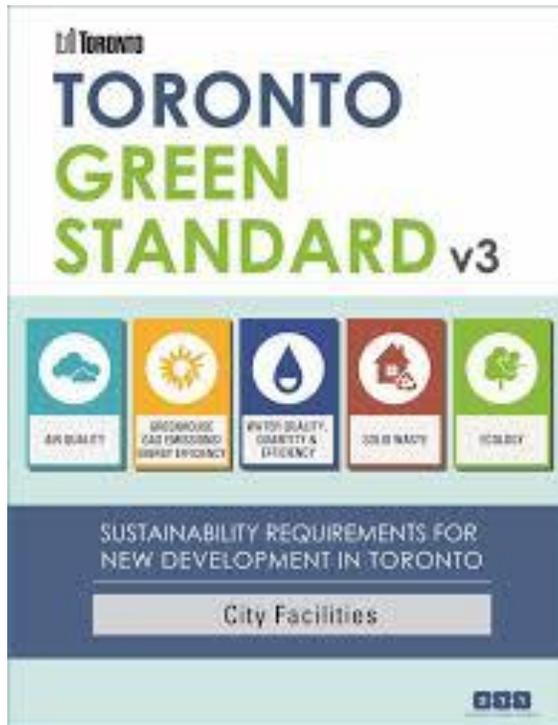
Advocate to the Province of Ontario to phase-out all fossil natural gas-fired electricity generation

Next Steps: Continue implementing the CCMP



Develop the Climate Change Risk Assessment Tool and advance the Pacesetter Projects

Next Steps: Build better buildings



City of Mississauga Corporate Green Building Standard

Prepared on: May 7, 2019
Corporate Services
Facilities & Property Management
Energy Management

Develop Tiered Net Zero Emissions Standards for New Construction

“Both the coronavirus crisis and the climate crisis reveal that our world is inextricably interconnected, and it’s as strong or as fragile as those connections. We have to strengthen those connections. It is our only choice. The sun is going to rise again.”

- Mary Annaïse Heglar, climate justice writer, March 2020

Thank you. Questions?