

# CITIES

## RACE TO ZERO



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# Agenda

<b>01</b>	<b>Overview of the Race to Zero Clean Air Partnership</b>
<b>02</b>	<b>Canadian Cities at COP26 SFU</b>
<b>03</b>	<b>Resources available to cities &amp; reporting CDP</b>
<b>04</b>	<b>Remarks from Councillor Mike Layton of Toronto</b>
<b>05</b>	<b>Q&amp;A</b>

Nations Unies  
Conférence sur les Changements Climatiques  
COP21/CMP11



*“Every country, city, financial institution and company should adopt plans for transitioning to net zero emissions by 2050 **and take decisive action now to put themselves on the right path towards achieving this vision**”.* Antonio Guterres, Secretary General of the United Nations,

# COP26

## November 1-12, 2021

## Glasgow, Scotland

The most important milestone since the adoption of the Paris Agreement: for the first time nations are expected to present new and enhanced pledges showing how they will reach net-zero emissions by 2050.



# CITIES RACE TO ZERO

Official partner for cities into the global Race to Zero campaign run by the High-Level Champions.

Race to Zero rallies cities, regions, businesses, and investors committed to the 1.5°C goal of the Paris Agreement and to achieving net zero emissions by 2050 at the very latest.



To join go to [www.citiesracetozero.org](http://www.citiesracetozero.org) and sign the **Cities Race to Zero pledge**.



**Valerie Plante, Mayor of Montreal**  
Champion Mayor for Recruitment in  
Canada

# Who is already in the Race?



**831**  
Cities



**3,067**  
Businesses



**633**  
Universities



**31**  
Regions



**7%**  
Global CO2 emissions



**0.62**  
Billion people



**12%**  
Global economy US\$9.81  
trillion in revenue

# Cities Race to Zero pledge:

## 5 REQUIREMENTS

### 01

**Endorse** the following principles:

- We recognise the global climate emergency.
- We are committed to keeping global heating below the 1.5°C goal of the Paris Agreement.
- We are committed to putting inclusive climate action at the center of all urban decision-making, to create thriving and equitable communities for everyone.
- We invite our partners – political leaders, CEOs, trade unions, investors, and civil society – to join us in recognising the global climate emergency and help us deliver on science-based action to overcome it.

### 02

**Pledge** to reach net-zero in the 2040s or by mid-century at the latest and limit warming to 1.5°C.

### 03

**Plan** to set an interim 2030 target consistent with a fair share of 50% global emission reductions.

### 04

**Proceed** to planning at least one inclusive climate action, eg. Procure only zero emission buses from 2025.

### 05

**Publish** your target and action to your usual reporting platform and report progress annually.

# CITIES RACE TO ZERO

- Municipal leadership is fostering alignment across senior governments
- Municipalities can only achieve their targets with all governments rowing in the same direction together
- Municipal leadership and supports message often missing from the COP narrative
- Education opportunity for Council members
- Possible benefits re funding opportunities



To join go to [www.citiesracetozero.org](http://www.citiesracetozero.org) and sign the **Cities Race to Zero pledge.**



# JOINING the Cities Race to Zero



The next decade will decide the future for humanity. **Delivering a green and just recovery to the COVID-19 crisis; creating strong, fair economies that serve everyone; and cutting greenhouse gas emissions quickly enough to limit global heating to the 1.5°C target of the Paris Agreement, are one and the same thing. None are possible without the others. Success in all is the only way to prevent a catastrophic crisis.**

C40 Cities, the Global Covenant of Mayors for Climate & Energy (GCoM), ICLEI – Local Governments for Sustainability (ICLEI), United Cities and Local Governments (UCLG), CDP, the World Wide Fund for Nature (WWF) and the World Resources Institute (WRI) have come together to mobilize an unprecedented coalition of cities committed to setting science-based targets and start implementing inclusive and resilient climate action ahead of and beyond the COP26 in Glasgow. This is the Cities Race to Zero effort, with the goal of recruiting 1,000 cities to the [Race to Zero](#), in support of the COP26 Roadmap of Local Governments and Municipal Authorities (LGMA) Constituency to the UNFCCC.

Join 'Cities Race to Zero'



[www.citiesracetozero.org](http://www.citiesracetozero.org)

1.

**Pledge Form**

On behalf of   I pledge the following:

- Publicly endorse the following Principles:
  - We recognise the global climate emergency.
  - We are committed to keeping global heating below the 1.5°Celsius goal of the Paris Agreement.
  - We are committed to putting inclusive climate action at the center of all urban decision-making, to create thriving and equitable communities for everyone.
  - We invite our partners – political leaders, CEOs, trade unions, investors, and civil society – to join us in recognising the global climate emergency and help us deliver on science-based action to overcome it.
- Pledge to reach (net)-zero in the 2040s or sooner, or by mid-century at the latest, in line with global efforts to limit warming to 1.5°Celsius.
- In advance of COP26, explain what steps will be taken toward achieving net zero, especially in the short- to medium-term. Set an interim target to achieve in the next decade, which reflects a fair share of the 50% global reduction in CO2 by 2030 identified in the IPCC Special Report on Global Warming of 1.5°Celsius.
- Immediately proceed to planning at least one inclusive and equitable climate action as listed on [www.citiesracetozero.org](http://www.citiesracetozero.org) that will help to place your city on a resilient pathway consistent with the 1.5°Celsius objective of the Paris Agreement and begin implementation no later than 2022.
- Report progress annually, beginning no later than 2022 to your usual or the recommended reporting platform. Your 1.5°Celsius target and action commitment(s) should be shared through your regular channels of reporting. If you have not reported before, you will be contacted by partners for support.

Once adopted, I commit to report my target and action commitment(s) on the following platform:

2.



## CREATE A MORE INCLUSIVE SOCIETY

- Collect information on the needs of frontline communities (including children, workers in transitioning industries, women, refugees, etc) with respect to climate planning and/or implementation.
- Collect spatial or disaggregated data to inform the design and/or monitor the implementation of climate actions.
- Demonstrate how actions contribute to delivering social and economic benefits, to reducing inequality and to driving a just transition for workers, through carrying out a wider benefits or equity assessments for at least 2 priority city-wide transformative climate actions.
- Take action to develop 15- or 30-minute neighborhoods (also known as complete neighborhoods) all throughout the city, where residents are able to meet most of their needs within a short walk or bicycle ride from their homes.

3.

Name of Sponsor (mayor, council leader or equivalent)

Title of Sponsor

Your Name (Person submitting this form)

Your Title

Your Email



Canada's cities at

COP26

A stylized globe graphic composed of overlapping, semi-transparent, curved bands in a rainbow color palette (red, orange, yellow, green, blue, purple). The globe is positioned between the 'C' and 'P' of the 'COP26' text.

SFU

MORRIS J. WOSK  
CENTRE FOR DIALOGUE

# Cities + COP26

## The Daily Briefings

- Dates:** November 1 - 11, 2021
- Every day (night BST), except November 6
- Virtual

## Goals:

- Download of immediately relevant information of the conference proceedings from COP26 to cities.
- Opportunities for cities, NGOs, media to ask questions and tap into conference proceedings.
- Opportunity to learn from external experts, solutions, global analogs through a dialogue activity.

# The science-based targets initiative



## 2020 CAMPAIGN TIMELINE

May - June  
Investor sign up

October  
Letter to corporate  
CEOs, media launch and  
annual impact report.  
CDP engagement of  
high-impact targets  
begins

Continuous  
conversations between  
CDP and targeted  
companies

**137**  
Financial  
institutions  
With  
**US \$19 trillion**  
in combined assets signed  
the letter to corporate CEOs in  
2020.

**1800+**  
Companies  
engaged  
Representing  
**US \$40 trillion**  
of market capitalization  
(60% of world's total).

Covering over  
**25% of  
global GHG  
emissions**

through their  
S1 + S2 emissions.

## THE SCIENCE BASED TARGETS INITIATIVE

The SBTi gives investors an independent, robust and transparent way to assess corporate emissions reduction targets. The targets must be scientifically aligned with the Paris Agreement. Companies can be accountable for their climate commitment while investors are enabled to raise climate ambition in a uniform, comparable way.

# What is a science-based target?



- ▼ **SBTs are measurable and actionable environmental targets that specify the scale and pace at which cities need to reduce GHG emissions**
- ▼ **Driven by 3 Core Principles: Science-driven, Equity, & Completeness**
  - **Science-driven** – aligned with the latest science outlined in the Paris Agreement and IPCC Special Report on 1.5°C
  - **Equity** - SBTs consider responsibility for past emissions, capacity to act, and intergenerational justice
  - **Completeness** – robust and comprehensive targets that cover city-wide emissions from a variety of sources and multiple GHGs
- ▼ **Cities can set SBTs using a variety of methodologies**
  - For additional information see [Science-Based Climate Targets: A Guide for Cities](#)





# Short-term and long-term targets



## ▼ **SBTs include a 2030 interim target and a 2050 zero carbon goal.**

To successfully adapt to climate change, we know we need to achieve net zero by 2050. Setting an interim 2030 target, in line with the goals of the Paris agreement, provides an important road map as we work together to turn climate ambition into climate action.



## ▼ **Setting science-based targets is critical because:**

- Having a short-term goal paves the way for success by 2050
- Currently, most interim goals are not properly aligned with the best available science
- Many are based on outdated analyses

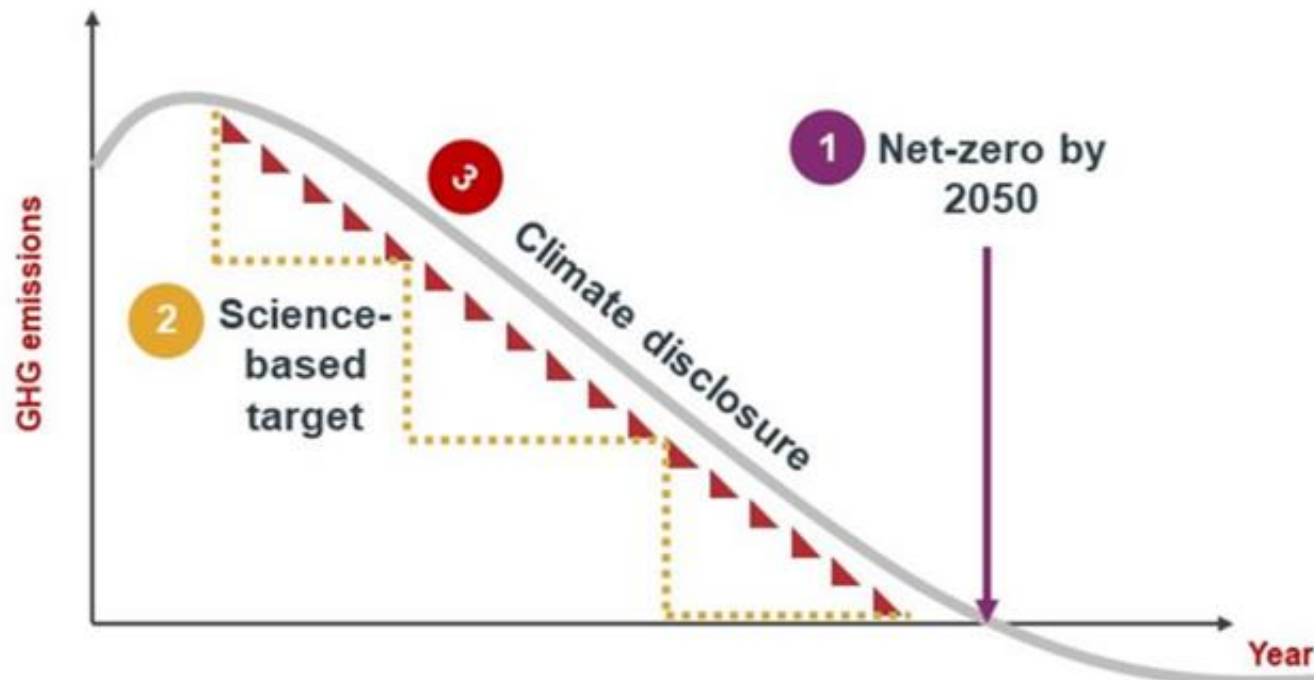


# SBTs ON THE PATH TO NET ZERO

SBTs are a key tool for the zero-carbon transition



*“SBTs = GHG emissions reduction targets that are consistent with the level of decarbonization that, according to climate science, is required to keep global temperature increase within 1.5 to 2°C compared to pre-industrial temperature levels”*



- 1 Long-term net-zero commitment:** A net-zero commitment provides clarity about the direction that the company will follow and serves as a north-star for long-term strategic and investment decisions;
- 2 Science-based target:** Science-based targets ensures that the company is taking shorter-term action to reduce emissions at a pace that is consistent with keeping warming below 1.5°C;
- 3 Annual disclosure:** Climate disclosure gives visibility on how the climate strategy is being implemented within the company and provides transparency on progress against targets



▼ **Decarbonizing the electricity grid**

Cities can help shape the emissions profile of electricity consumed in their metropolitan areas by collaborating with utilities and other stakeholders

▼ **Optimizing energy efficiency in buildings**

Raising building standards for new construction, retrofitting building envelopes, upgrading HVAC and water heating technology, and other improvements can both reduce costs and help close the emissions gap



**High Impact  
Opportunities**

### ▼ **Enabling next generation mobility**

Ensuring all residents have access to a variety of affordable, low-carbon mobility options can reduce congestion, alleviate local air pollution, improve equitable access and quality of life while reducing emissions.

### ▼ **Improving waste management**

Cities can tackle waste emissions by adopting a highest and best use approach: first reduce waste upstream, then repurpose as much as possible, next recycle, compost, or otherwise recover materials for use, and lastly managing disposal to minimize emissions.



**High Impact  
Opportunities**



# How ambitious should your science-based target be?

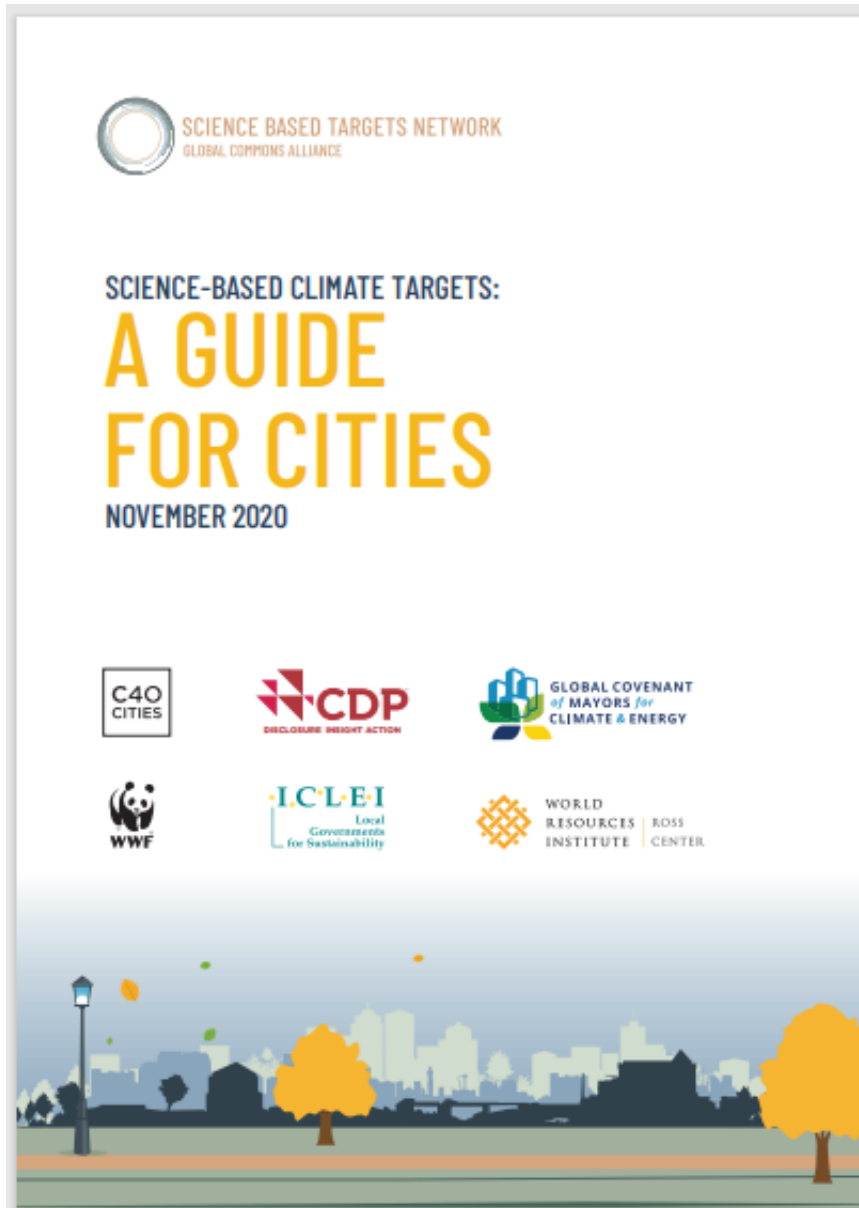


GHG/capita	City GDP/capita (USD \$)	Indicative city target reduction for 2030 per capita emissions (% change from 2015 levels)*	City 2050 target (from baseline year 2015)	Example cities that match this profile
High (>5.1 tCO <sub>2</sub> e/capita)	High (>\$15,000/capita)	-70% to -75%	Net zero emissions	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 <sub>2</sub> 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

\*These ranges are based on an estimation using existing targets of C40 cities.

- ▶ CDP offers technical assistance to help you work through an established, robust methodology to set an accurate target for your city.
  
- ▶ These guidelines provide a broad estimate of where your science-based target may fall.

# How do you choose the right methodology?



- ▶ *Science-based targets: A guide for cities* can help you select the most appropriate methodology for your city.
- ▶ WWF's One Planet City Challenge (OPCC) methodology is often the easiest to use in terms of data requirements. All it requires is that you have a 2018 emissions inventory and your Human Development Index.



▼ **Cities have a critically important voice**

There is widespread recognition in the international community that the goals of the Paris Agreement cannot be achieved without concerted action by cities.

▼ **We are here to support you throughout your SBT journey**

We know these are formidable challenges, and we are here to help however we can, using the best available science to guide and support you in setting ambitious, achievable, and robust science-based targets.

# CDP SCIENCE-BASED TARGETS SUPPORT

CDP is supporting cities to check/set science-based targets from 2021.



## ▼ Guidance and Tools:

- Begin checking or setting your target by reading the *Science-Based Climate Targets Guide for Cities*, produced by CDP and cities partners through the Science Based Targets Network.
- Check our FAQs page, SBT page; & Webinar Events page for the latest details.

## ▼ Technical Support:

- Cities that are not in the ICLEI network can receive target setting support from CDP by contacting [cities@cdp.net](mailto:cities@cdp.net).
- ICLEI cities should reach out to their ICLEI contacts for supporting in setting science-based targets

## ▼ Timeline

Report your current or updated target to the CDP-ICLEI Unified Reporting System in 2021.

CDP will review to see if it represents a fair share of 1.5 °C.

If your city does not have a target, please indicate why you have not yet set a target in your response.

CDP will contact you following disclosure to support you with next steps setting or updating your target.



# CDP SUPPORT FOR FINANCING CLIMATE ACTION

The Matchmaker Program helps you find investors for your projects



## HOW MATCHMAKER WORKS



1

**Cities disclose**  
project data to CDP  
and our partners.

2

**Matchmaker analyzes**  
project data and consults  
with cities.

3

**Matchmaker subscribers** gain exposure  
to investment opportunities and CDP insights  
through the project dashboard.

# RACE TO RESILIENCE

The sibling campaign to Race to Zero led by the High-Level Climate Champions for Climate Action – Nigel Topping and Gonzalo Munoz.

By 2030, RtR will catalyse action by non-state actors that builds the resilience of 4 billion people from vulnerable groups and communities to climate risks such as extreme heat, drought, flooding and sea-level rise.

The Cities Race to Resilience offers cities the unique opportunity to showcase action and drive ambition, according to their own contextually relevant local landscape



# CITIES RACE TO RESILIENCE

## 4 REQUIREMENTS



Get started at:  
[citiesracetoresilience.org](https://citiesracetoresilience.org)

**01**

**Pledge** to undertake a community-wide climate risk and vulnerability assessment

**02**

**Plan** to use knowledge and scientific evidence, for decision-making and action, and outline interim targets milestones as part of a long-term commitment for citywide action

**03**

**Proceed** to planning at least one resilience action

**04**

**Publish** your target and action to your usual reporting platform and report progress annually.

# WHY REPORTING IS IMPORTANT FOR RTZ



**Show leadership** through the actions that you are implementing



**Provide accountability** to back up your commitments and stay on track



Contribute information that helps RTZ partners **shape global policy**



Continually **monitor your progress** towards climate objectives & find data gaps

Starting in 2022, reporting will be **mandatory** as part of your Race to Zero commitment.



# REPORTING IN 2021



Cities should **report data for 2021 even if it is incomplete.**

## If you've already reported:

- Amazing, thank you!
- If you have not opted in to Race to Zero on your dashboard, we will fix that for you when you officially sign on.
- No additional requirements for Race to Zero.

## If you haven't reported yet:

- Report by **Dec 10** for your Race to Zero commitment
  - You only have to do 0.1, 0.5, Section 5, 8.0, and 12.3 (see the Reporting Guide for details)
  - You must report publicly
- Contact: [citiesNA@cdp.net](mailto:citiesNA@cdp.net)

# CDP and Race to Zero in Ontario



## ON Cities Reporting to CDP in 2021

City of Burlington, ON  
City of Greater Sudbury / Grand Sudbury, ON  
City of Guelph, ON  
City of Hamilton, ON  
City of Kingston, ON  
City of Kitchener, ON  
City of London, ON  
City of Mississauga, ON  
City of Ottawa, ON  
City of Peterborough, ON  
City of St Catharines, ON  
City of Thunder Bay, ON  
City of Toronto, ON  
City of Windsor, ON  
Regional Municipality of Durham, ON  
Town of Whitby, ON



## ON Race to Zero Signatories

City of Brampton, ON  
City of Burlington, ON  
City of Guelph, ON  
City of Hamilton, ON  
City of Ottawa, ON  
City of Toronto, ON  
City of St. Catharines, ON  
Town of Ajax, ON

## ON Corporate Participants

BMO  
Scotiabank  
CIBC  
Canadian Tire  
Loblaw Companies  
Manulife Financial Corp.  
Rogers Communications Inc.  
RBC  
ShawCor Ltd.  
TD Bank Group


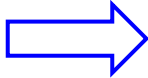


**REMARKS from**  
**Councillor Mike Layton**  
**Toronto, ON**

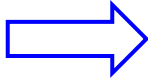
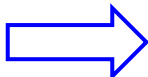
# Next Steps

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## I want to join Cities Race to Zero!

-  Please visit [citiesracetozero.org](https://citiesracetozero.org) and click on 'Join Cities Race to Zero'
-  Read the Cities Race to Zero pledge and follow the next steps

## I'm already in the Cities Race to Zero, what next?

-  Promote your city's involvement and CRTZ through social media
-  Recruit other cities in your region, networks or committees

Please get in touch with us if you have any questions: [info@citiesracetozero.org](mailto:info@citiesracetozero.org)





# CITIES

## RACE TO ZERO



# Thank you

[info@citiesracetozero.org](mailto:info@citiesracetozero.org)

[www.citiesracetozero.org](http://www.citiesracetozero.org)

