

# CITIES

## RACE TO ZERO

### DRIVING A GREEN AND JUST RECOVERY IN 1000 CITIES



© Henning Witze



# Making 2021 the most impactful year

A global campaign to **rally leadership and support** for a healthy, resilient, zero carbon recovery ahead of COP26.

All members are committed to **achieving net zero emissions by 2050 at the very latest.**



**CITIES**  
RACE TO ZERO



# WHY NOW?

**BBC**  
**NEWS**

**Climate change: IPCC report is 'code red for humanity'**

**The Guardian**

**Major climate changes inevitable and irreversible - IPCC's starkest warning yet**

**Boris Johnson tells UN that Cop26 must be 'turning point for humanity'**



**UN: Climate commitments must redouble to meet Paris Agreement**



# JOIN CITIES RACE TO ZERO TODAY



Cities Race to Zero is the official partner for cities.  
Join here: [www.citiesracetozero.org](http://www.citiesracetozero.org)



is already  
in the  
Race?



**799**

Cities



**35**

Regions



**4475**

Businesses



**220**

Financial institutions



**731**

Educational  
institutions



**45**

Healthcare  
institutions



# ACA cities in Cities Race to Zero



<b>Australia (2)</b>
Melbourne
Sydney
<b>Argentina</b>
<i>no ACA cities currently in CRTZ</i>
<b>Brazil (5)</b>
Curitiba
Fortaleza
Niteroi
Recife
Salvador

<b>Mexico (2)</b>
Guadalajara
Tonala
<b>South Africa (4)</b>
eThekweni
Cape Town
Johannesburg
Tshwane
<b>Vietnam</b>
<i>no cities currently in CRTZ</i>

<b>Japan (20)</b>		
City of Kyoto	Matsuyama City	Yamanashi Prefecture
Fukuoka City	Mie Prefectural Government	Yokohama City
Hamamatsu City	Nagano Prefecture	
Ikoma City	Odawara City	
Kaga City	Oki Town	
Kagoshima City	City of Sapporo	
Kanagawa Prefectural Government	Shiga Prefecture	
Kawasaki City	Tokushima Prefecture	
Kyoto Prefecture	Tokyo Metropolitan government	



# ACA cities in Cities Race to Zero



<b>United States (59)</b>				
Albuquerque, NM	Denver, CO	Los Angeles, CA	Park City, UT	Santa Cruz, CA
Ann Arbor, MI	Des Moines, IA	Louisville, KY	Philadelphia, PA	Santa Monica, CA
Berkeley, CA	Evanston, IL	Madison, WI	Phoenix, AZ	Seattle, WA
Beverly, MA	Ferndale, MI	Medford, MA	Pittsburgh, PA	Somerville, MA
Boise, ID	Fort Collins, CO	Melrose, MA	Portland, OR	St. Petersburg, FL
Boston, MA	Fremont, CA	Miami Beach, FL	Providence, RI	Tacoma, WA
Boulder, CO	Hartford, CT	Minneapolis, MN	Saint Paul, MN	Takoma Park, MD
Boynton Beach, FL	Houston, TX	Mosier, OR	Salt Lake City, UT	Tampa, FL
Chicago, IL	Indianapolis, IN	New Orleans, LA	San Antonio, TX	Washington, DC
Chula Vista, CA	Ithaca, NY	New York, NY	San Diego, CA	West Hollywood, CA
Cincinnati, OH	Jersey City, NJ	Oakland, CA	San Francisco, CA	West Palm Beach, FL
Dallas, TX	Kansas City, MO	Orlando, FL	San Jose, CA	





**STAND UP  
FOR CHANGE  
AND BE  
COUNTED**

# Cities Race to Zero pledge:

## 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.



# WHY join?

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**01**

**Access the best resources** to plan your green recovery

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**02**

**Demonstrate to people** that your city is taking action for climate

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**03**

**Show your city's leadership** in this global movement and at the biggest climate event of the decade

**04**

**Be visible on global media platforms** to spread the word about your city's achievements

# Joining Cities Race to Zero

**DEADLINE  
14 OCTOBER 2021**



**01**

**Go to the Cities Race to Zero portal & carefully read the pledge**

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




**02**

**Complete and submit the Cities Race to Zero pledge online  
OR by email\***

## NEED HELP?

If you have questions about the pledge, please get in touch with us:

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

 Only a mayor, council leader or equivalent can sign (or personnel authorized on their behalf). You are now committed to delivering all 5 Cities Race to Zero requirements.

### \* September 28 UPDATE

The cut-off date for the Race to Zero announcement at COP26 has been released: all cities wishing to be announced as part of the Race at COP26 have to join before October 14th. To simplify this process we invite you to pledge by email by writing

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

Please copy/paste and fill in the following in your email:

**"I, [name of Mayor/Council Leader or equivalent], [title of Mayor/Council Leader or equivalent] of [name of city or local government] hereby sign the Cities Race to Zero pledge and authorize my staff to provide any further information required as part of the Cities Race to Zero campaign."**

Further information required as part of the Cities Race to Zero campaign includes the usual or desired reporting platform for future reporting as pledged under the Cities Race to Zero, as well as at least one action that your city will undertake on the path to cutting emissions in line with a 1.5°C trajectory.



# Proceed to action immediately

**DEADLINE  
BEFORE COP26**



## 04

### Commit to at least one action

Immediately after joining CRTZ you should think about the action you will implement to achieve your commitment and share it with us.

#### NEED HELP?

We have case studies, implementation guides and other resources **on 50+ high impact actions:**



**Create green and healthy streets**



**Create a more inclusive society**



**Reduce air pollution & ensure clean air**



**Develop zero-carbon buildings**



**Advance towards zero waste**



**Move towards resilient sustainable energy systems**



**Create sustainable food systems**



**Divest from fossil fuels & invest in a sustainable future**

WITHIN 12  
MONTHS

# Control your trajectory



05

## Set a target and report progress annually

Cities should adopt a 1.5°C target (or update their existing one to be compatible) and report their progress annually on their existing reporting platform (CRTZ is compatible with ICLEI-CDP & MyCovenant)

### NEED HELP?



**Cities that already have a 1.5°C science-based target** need to report it. If you've never reported before, we will guide you in this process.



**Cities that are not sure their target is science-based and 1.5°C compliant** need to report it and Cities Race to Zero partners will check for alignment.



**Cities that do not have a 1.5°C science-based target** need to start developing one or updating existing target as soon as possible.

Support is available to cities that have never reported before.



# SETTING a 1.5°C target

Signatories of the Cities Race to Zero have until 2022 **to set a GHG emission reduction target, consistent with keeping global warming to 1.5°C** above pre-industrial levels - in line with the goals of the Paris Agreement and IPCC Special Report on Global Warming of 1.5°C.



**CITIES**  
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# WHAT ARE SCIENCE-BASED CLIMATE TARGETS?



Science-based targets are measurable and actionable environmental targets aligned with the goals of the Paris Agreement



A science-based climate target is an emission reduction target which:

**Covers city-wide emissions**

**Aligns with a 1.5°C pathway**

**Represents a fair share of global emission reduction, based on historic emissions or current development level**



A science-based target should include a **net zero target year** and an **interim target** to achieve within the next decade



# WHY SET A SCIENCE-BASED TARGET

- Setting a science-based target gives cities confidence that planned emission reductions are in line with what is needed to avoid the most catastrophic impacts of climate change.
- Over **1900** jurisdictions globally have declared a climate emergency, recognising the need to cut emissions at scale.
- In 2020, **339** cities reported city-wide emission reduction targets, but only **148** cities believed their targets were aligned with limiting global warming to 1.5°C.
- Science-based targets close this gap between ambition and action.





# SBT-ALIGNED METHODOLOGIES FOR CITIES



- **Manchester University's Tyndall Centre** – Provides annual carbon budgets for CO2 emissions from energy and a target year to reach net zero. Strongly suitable for UK cities, but not fully aligned with Cities Race to Zero.
- **WWF's One Planet City Challenge** – builds on Deadline2020 methodology and has been applied to 255 cities. Provides 2030 and 2050 per capita emissions reduction targets.
- **C40's Deadline2020** – developed for and applied to C40 cities. Provides an emissions reduction trajectory, based on four city typologies and indicates 2030 and 2050 targets.





# FEEDBACK ON 1.5 °C

ONE PLANET  
CITY CHALLENGE



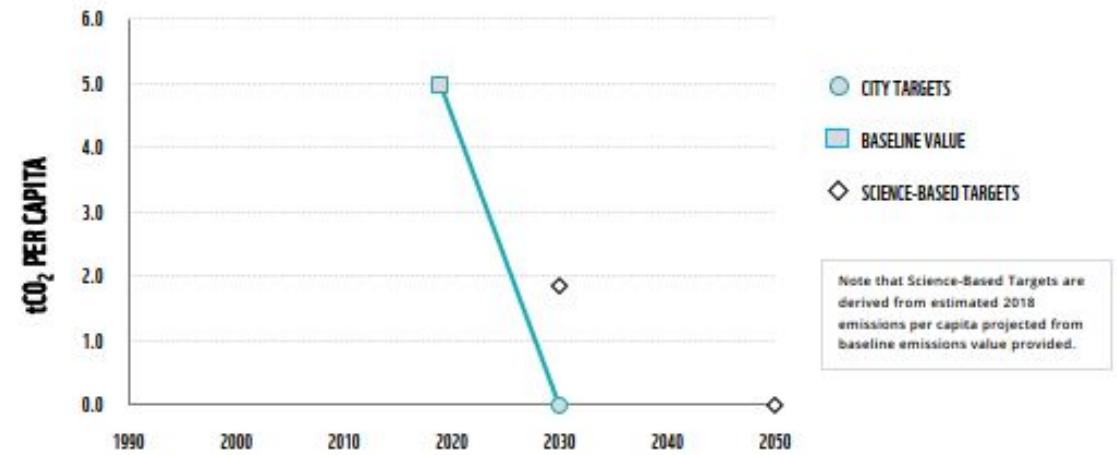


# YOUR CITY'S FAIR SHARE OF THE PARIS AGREEMENT



- ❑ 2030: Reduce per capita emissions in-line with a reduction of 50%; and,
- ❑ 2050: Reduce total emissions to net zero.

The OPCC builds in an additional layer of equity and fairness using the Human Development Index (HDI). This national adjustment is used to require faster decarbonisation from cities in more developed nations.



Use the graph to understand whether your city's climate ambition is consistent with your fair share of the Paris Agreement.

The OPCC requires cities to have a mid-term and a long-term target for Scope 1 and 2 emissions: reduce per capita emissions in-line with a fair share of the 50 % global emissions reduction by 2030, and set a net zero target for 2050 at the latest.

See previous slides for more information. If GDP, population or a city-wide target is lacking in your reporting, the graph will remain empty.

# FEEDBACK ON 1.5 °C ALIGNMENT

- Each participant in the OPCC receives a strategic feedback report.
- It analyses how reported climate efforts align with the Paris Agreement and its goal of 1.5 °C of global warming.
- It uses city's response publicly reported through the CDP-ICLEI Unified Reporting System; the information is powered by CDP Data.







# Reporting for Race to Zero

Signatories should report their targets and actions through the CDP-ICLEI Unified Reporting System or MyCovenant.

In 2021, cities will report the information they have, even if incomplete. By 2022, cities will report confirmed or updated targets, and start reporting progress annually.

**Cities that have not reported before will be guided through this process.**



# Benefits of reporting



**Measure and monitor**  
progress in meeting  
your climate objectives



**Understand gaps and**  
access **target checking**  
and **setting support**



Learn about climate  
actions that are working  
and **best practice**  
globally and locally



**Show leadership** and  
impact that local  
authorities can achieve

# Streamlined reporting



# Target-setting support through reporting



As well as being a requirement of the Race to Zero campaign, annual reporting is a key way to access target-setting support.

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

Your target will be reviewed to see if it represents a fair share of emission reduction, in line with limiting global warming to 1.5 °C.

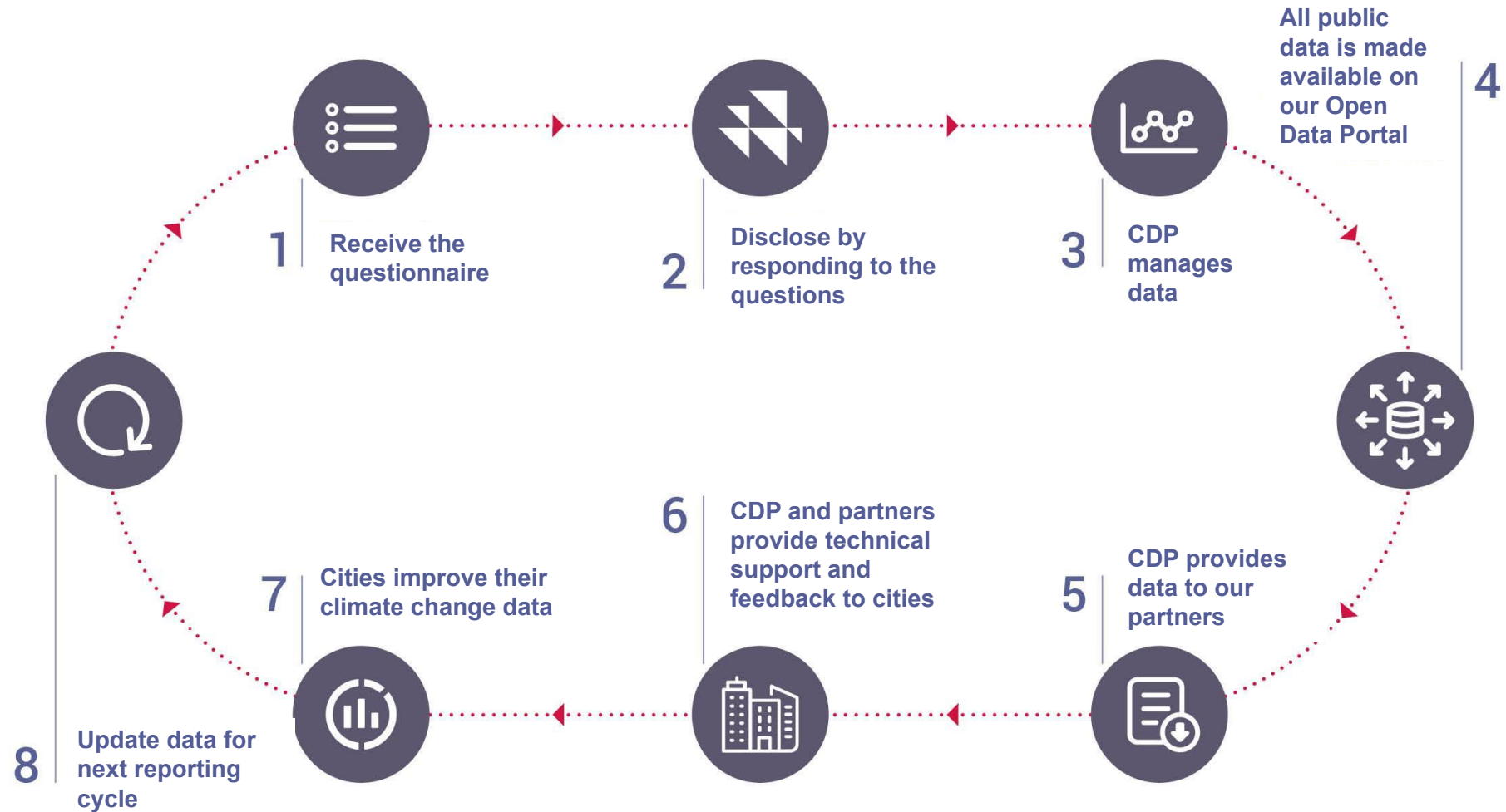
If your city does not have a target, please indicate why you have not yet set a target in your response.

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

Cities that are members of ICLEI and C40 Cities will receive target setting support from these organisations. Cities taking part in One Planet City Challenge will receive support and feedback through the competition. All other cities can get help from CDP.



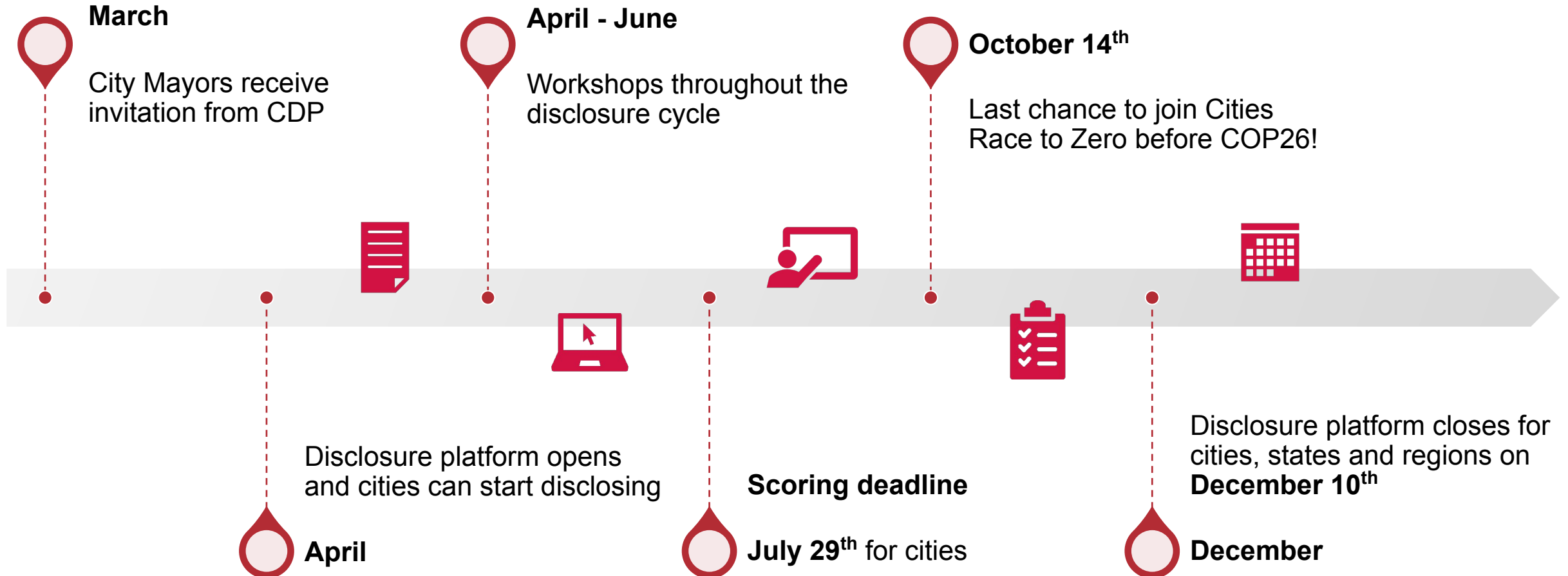
# How to report as a city



# Cities 2021 Questionnaire topics



# 2021 reporting timeline



Please get in touch with any questions: [cities@cdp.net](mailto:cities@cdp.net)



# CITIES

## RACE TO ZERO

# Thank you

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

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