



One Planet Cities

Together we thrive!

Jun 2021

Hector Arguello Canals / Unsplash (CC0)

Why we're here



Our mission

To stop the degradation of the planet's natural environment and to build a future in which humans live in harmony with nature, by:

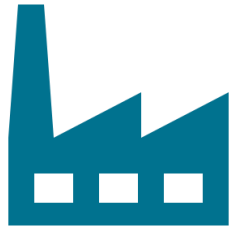
- conserving the world's biological diversity
- ensuring that the use of renewable natural resources is sustainable
- promoting the reduction of pollution and wasteful consumption



Cities matter! Globally they account for...



55%
of the
population.



70%
of carbon
emissions.



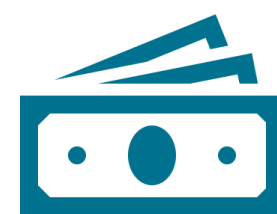
75%
of energy
usage.



3%
of the
landmass.



75%
of consumption
of natural
resources.



80%
of GDP.

Cities must lead the way! Can they do it?



Focus areas

- One Planet City Challenge
- We Love Cities
- Urban Solutions
- My Healthy Urban Life
- Urban Food Systems
- Urban Nature Based Solutions
- Our City 2030 – youth visions
- Plastic Smart Cities

**”THE BATTLE
FOR LIFE ON EARTH
WILL BE WON OR
LOST
IN CITIES”**

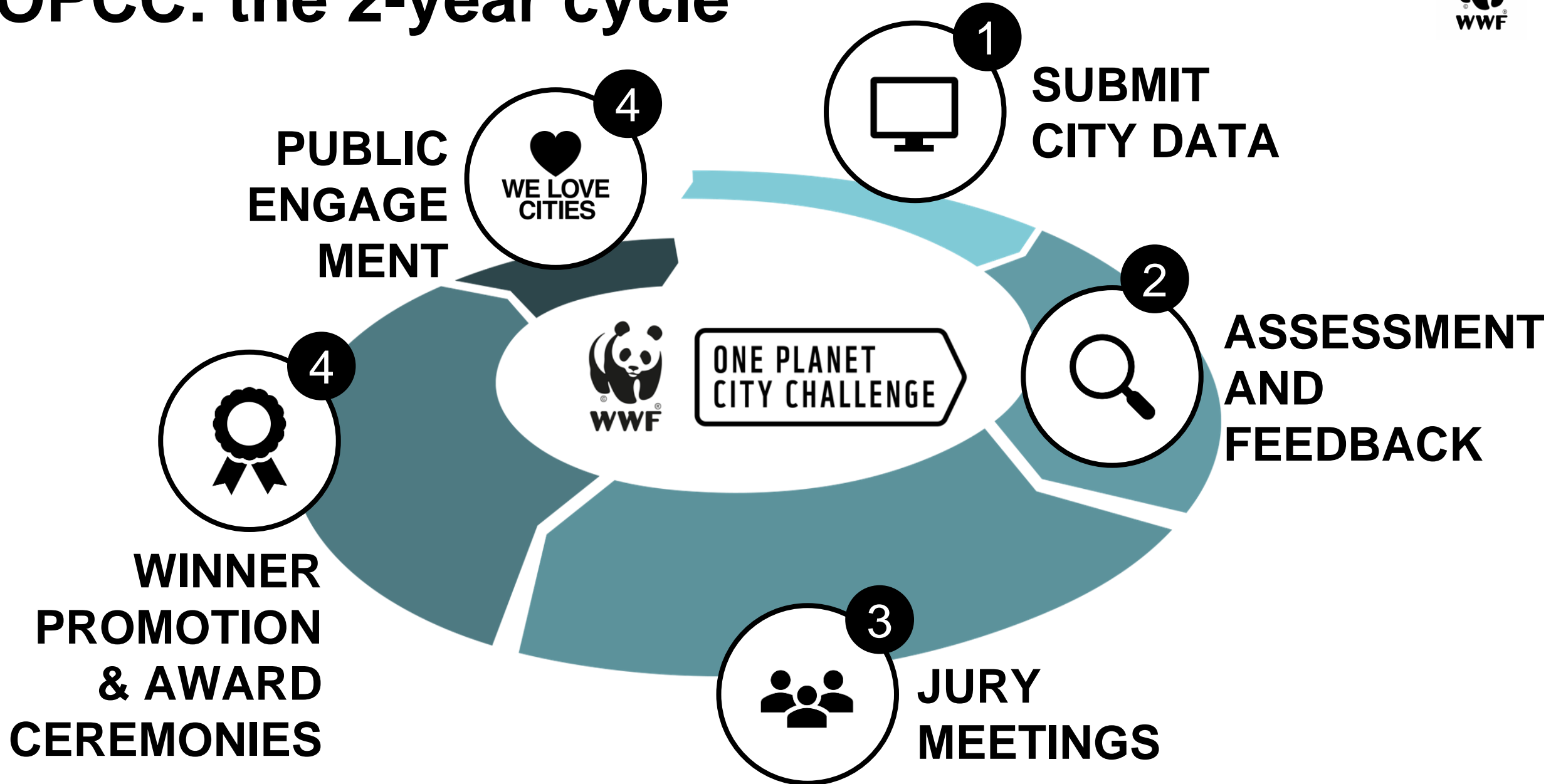
Ban Ki-moon United Nations Secretary General
2007-2016

Cities inspire the world!



- **Friendly competition** to mobilize cities to deliver on the Paris Agreement
- **Support city climate action in two ways – technical and political**
- Participating cities report emissions, goals and targets on **standardized reporting platforms**
- **Customized report** on each city's **alignment with the Paris Agreement** and assessment of their climate work
- Participants' **data assessed** and **compared** to the emission reduction trajectories, HDI-adjusted
- **Public recognition** for city's climate action – nationally and internationally
- Support with **citizen engagement** that inspires and raises awareness of sustainability

OPCC: the 2-year cycle



Data reporting for OPCC



- In cities already reporting to the **CDP-ICLEI Track** – the reporting part could be as easy as “ticking the box” to submit data to the OPCC.



MOBILIZING GLOCAL CLIMATE ACTION

OPCC WEBINAR SERIES 2021 - 2022



WEBINARS 2021 (DETAILS BELOW):

- 7 Oct** Optimizing your OPCC interim report (WWF's OPCC) (English and Spanish)
- 28 Oct** Building your 1.5 °C climate action plan (Featuring WWF/FutureProofed) (English and Spanish)
- 18 Nov** Public Engagement: Transforming cities together (WWF)
- 9 Dec** Changing behavior one meal at a time (Featuring WWF's Urban Food program)

WEBINARS 2022 (DETAILS BELOW):

- 13 Jan** Engaging youth: Influence the future (Introducing new WWF educational material)
- 3 Feb** Harnessing the power of nature (Featuring WWF's uNBS program) (English and Spanish)
- 24 Feb** How to read your OPCC report 'Feedback on 1.5 °C Alignment (WWF's OPCC) (English and Spanish)
- ~~**10 March** One Planet Living in Cities (Featuring WWF/Bioregional)~~
- 31 March** Lowering emissions by buying better (Featuring WWF's energy efficiency initiative)

CANCELLED

All webinars are scheduled to run for one hour on Thursdays, and are offered twice per day.
Click the link next to the seminar to register.

For questions please contact your national WWF office or opcc@wwf.se or check panda.org/opcc

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, and assesses their climate work.
- It uses city's response publicly reported through the CDP-ICLEI Unified Reporting System.



Assessment update

Fair-share



Best practice



Action-oriented
feedback

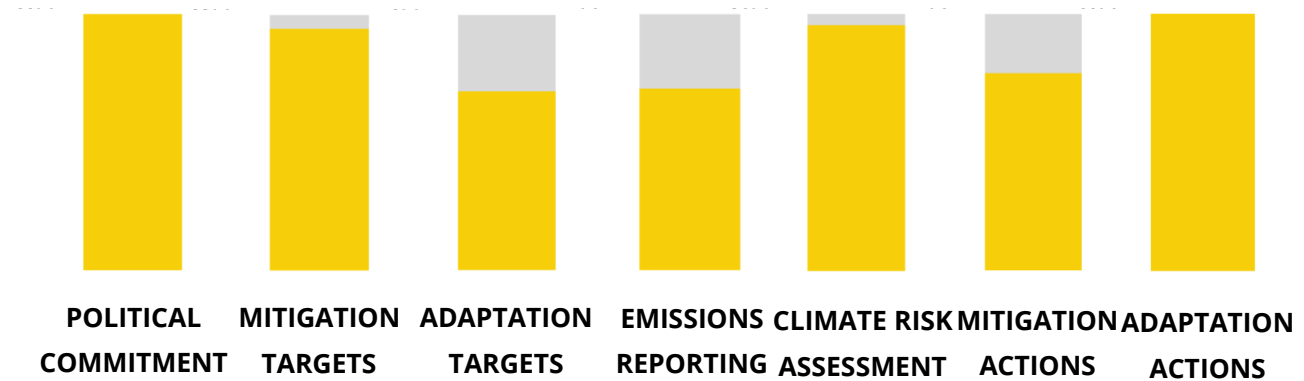


The 7 levers for change

Successful climate action requires management to mitigate your climate emissions and increase the resilience of your city to adapt to climate change effects.

The 7 bars give you an overview of your reporting and how well you score on important parameters.

Use the graph to understand your strengths & weaknesses.



This graph shows your accumulated score expressed in percentages on 7 weighted indexes, based on your reporting to the CDP database.

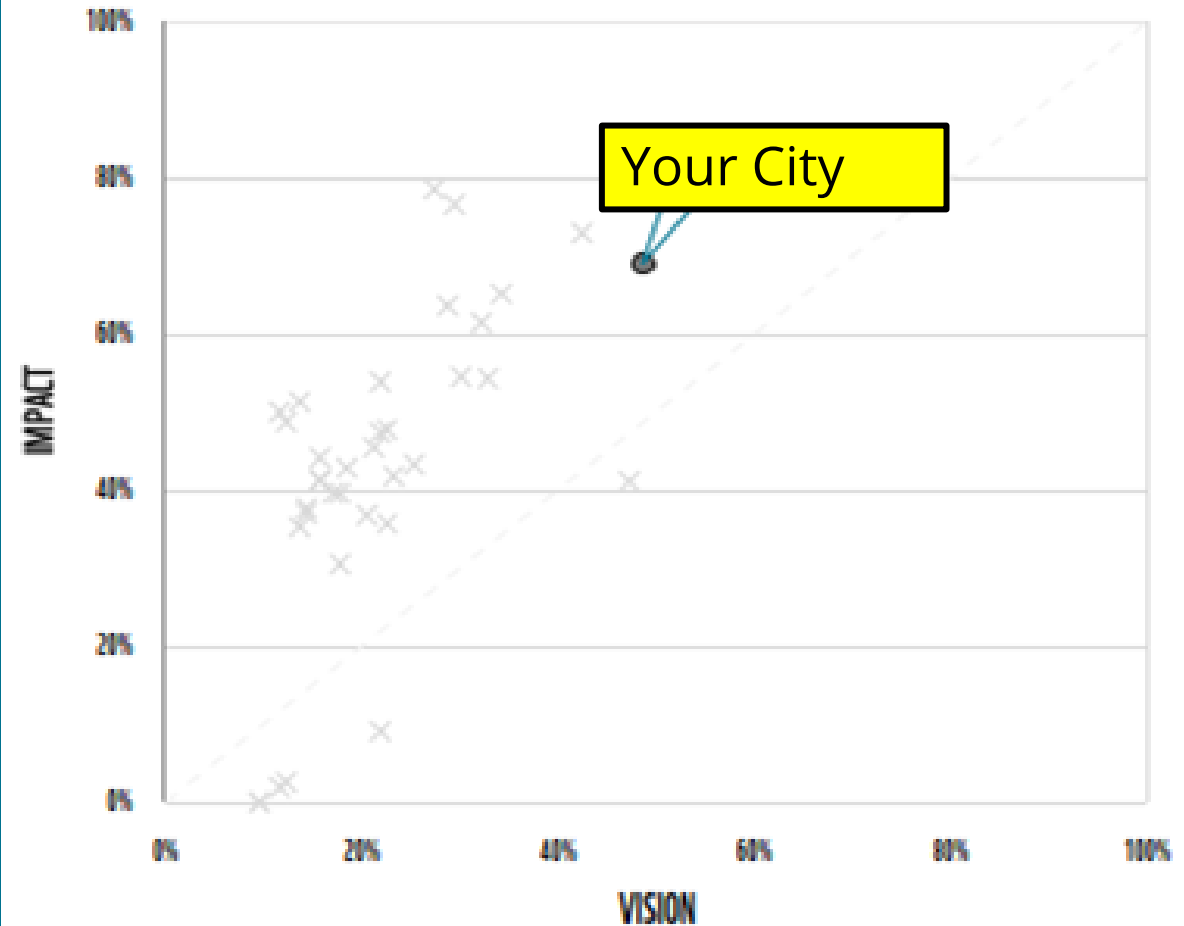
OPCC Feedback Report



Your city's scores are aggregated in 2 dimensions:

- **Vision** – a city's commitment and ability to drive change
- **Impact** – the reduction potential of a city's current climate action.

In the graph you can see your city's position and other cities in your country

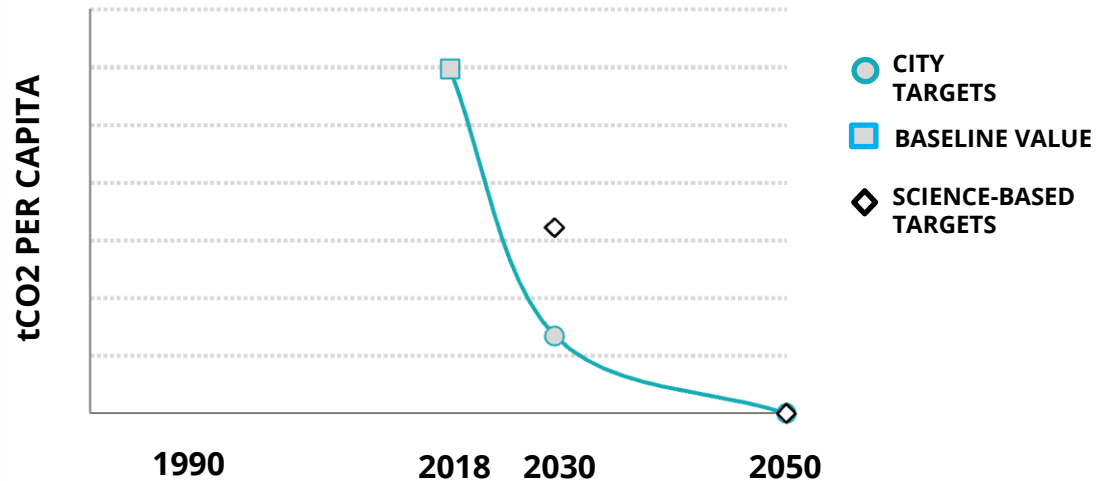


Science-based targets (SBT)



SBT alignment requires your city to

1. have targets aligned with your fair-share of **halving emissions by 2030**
2. set a **Net Zero target by 2050** at the latest (Scope 1 and 2).



- We now have **74 OPCC cities (of 280)** that show alignment with SBTs.
 - Including **18 more cities** that show SBT alignment after the amendment period (last October-December)
- Circa **40% of participants** pledged to set SBTs by 2022 as part of their commitment to the UNFCCC Race to Zero campaign.
- What can SBT alignment look like?

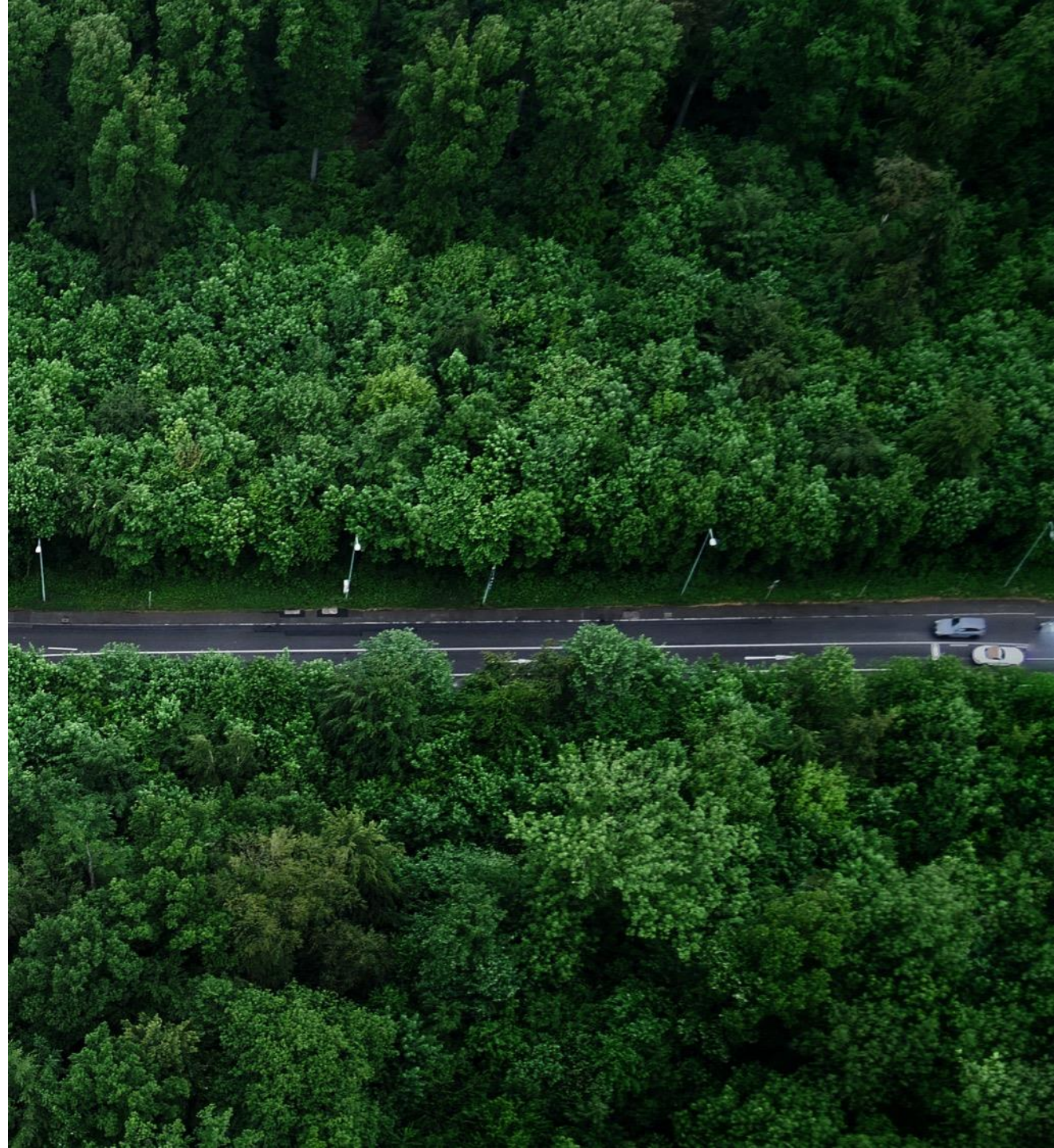
CITIES

RACE TO ZERO



SCIENCE BASED TARGETS NETWORK
GLOBAL COMMONS ALLIANCE

The OPCC 1.5 °C Alignment Method is endorsed by SBTN and CRTZ as a method that can enable cities to set GHG emission reduction targets in line with the Paris Agreement.

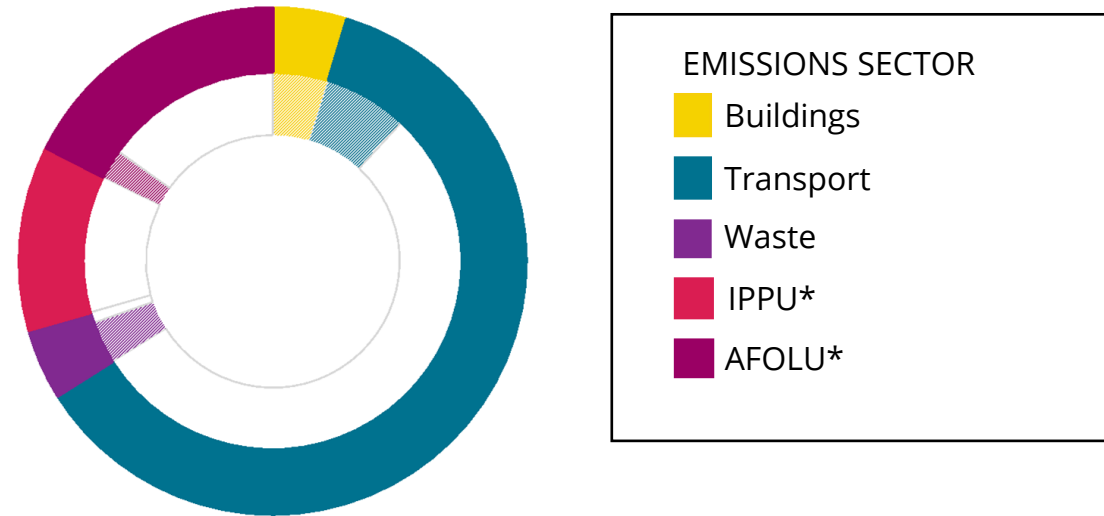


Your city's sectoral emissions and their planned abatement

The outer wheel of the graph shows the distribution of your reported GHG emissions over different sectors.

The **inner wheel shows the potential impact** of your climate actions.

Use the graph to understand where stronger climate actions are needed.



This analysis is based on reported inventory data and the reduction potential you have reported for your climate actions. If no inner wheel appears, sufficient data is lacking in your reporting.

SHORTLISTED CITIES IN WWF'S ONE PLANET CITY CHALLENGE 2022

ARGENTINA

- » Buenos Aires
- » Mendoza
- » Godoy Cruz

AUSTRALIA

- » Greater Bendigo

CANADA

- » Vancouver, BC
- » North Vancouver, BC
- » District of Saanich, BC

CHILE

- » Peñalolén
- » Providencia
- » Renca

COLOMBIA

- » Medellín
- » Bogotá
- » Manizales

COSTA RICA

- » Montes de Oca

CÔTE D'IVOIRE

- » Cocody

DENMARK

- » Helsingør

ECUADOR

- » Quito
- » Portoviejo
- » Loja

FINLAND

- » Turun (Turku)
- » Espoon
- » Tampereen

FRANCE

- » Paris

GHANA

- » Accra

GUATEMALA

- » Iztapa
- » Escuintla
- » San Jose

INDIA

- » Surat
- » Kochi
- » Rajkot

INDONESIA

- » Jakarta
- » Balikpapan
- » Probolinggo

IRELAND

- » South-East Region of Ireland (Kilkenny, Carlow, Wexford, and Waterford Counties)

JAPAN

- » Tokyo
- » Kyoto
- » Toyama

MALAYSIA

- » Petaling Jaya
- » Seberang Perai
- » Iskandar Malaysia

MEXICO

- » Mexico City
- » León de los Aldamas
- » Guadalajara

NEW ZEALAND

- » Wellington

NORWAY

- » Oslo

PERU

- » Lima
- » San Isidro (Lima)
- » Jesús María (Lima)

PHILIPPINES

- » Dipolog
- » Davao
- » Quezon City

SOUTH AFRICA

- » Cape Town
- » Johannesburg
- » Ekurhuleni

SPAIN

- » Vitoria-Gasteiz
- » València

SWITZERLAND

- » Basel
- » Lausanne
- » Zurich

THAILAND

- » Hua-Hin
- » Nongsamrong
- » Yasothon

TURKEY

- » İzmir
- » Istanbul
- » Gaziantep

UNITED KINGDOM

- » Bristol
- » Sunderland
- » Leicester

UNITED STATES OF AMERICA

- » Boulder, CO
- » Park City, UT
- » Santa Monica, CA

VIETNAM

- » Can Tho

OPCC JURY MEMBERS 2022



Seth Schultz

Seth Schultz, OPCC Jury Chair, CEO, Resilience Rising, Lead author, IPCC AR6 Summary for Urban Policy Makers



Kyra Appleby

Global Director, Cities, States and Regions, CDP



Andrea Fernandez

Managing Director, Climate Finance, Knowledge and Partnerships, C40



Anthony Nyong

Director, Climate Change and Green Growth, African Development Bank



David Simon

Professor of Development Geography, Royal Holloway University of London



Veronica Arias

Executive Director, CC35



Russell Galt

Head, Urban Alliance, IUCN



Martina Otto

Head, Cities Unit, UNEP



Ben Smith

Director, Energy and Climate Change Consulting, Arup



Erin Billman

Executive Director, SBTN



Franz Gatzweiler

Executive Director, Urban Health and Wellbeing Institute of Urban Environment, Chinese Academy of Sciences



Gabriela Prata Dias

Head, Copenhagen Centre on Energy Efficiency



Rohit Sen

Head, Sustainable Energy, ICLEI World Secretariat



Alice Charles

Project Lead, Cities, Infrastructure and Urban Services Platform, World Economic Forum



Daniel Hoornweg

Associate Dean and Richard Marceau Chair, Ontario Tech University



Aromar Revi

Director, Indian Institute for Human Settlements



Nicola Tollin

Professor of Urban Resilience, University of Southern Denmark



Andy Deacon

A/g Managing Director, Global Covenant of Mayors for Climate and Energy



Priscilla Negreiros

Manager, Cities Climate Finance Leadership Alliance, Climate Policy Initiative



Manoj Sharma

Chief, Urban Sector Group, Asian Development Bank



Sameh Wahba

Global Director, Disaster Risk Management, Resilience and Land Global Practice, World Bank

2020 Global Finalists

National Winners

Balikpapan, Indonesia
Batangas, Philippines
Buenos Aires, Argentina
Denizli, Turkey
Escuintla, Guatemala
Greater London Authority, UK
Khon Kaen, Thailand
KwaDukuza, South Africa
Lima, Peru
Melaka, Malaysia
Mexico City, Mexico

Montería, Colombia
Municipio de Loja, Ecuador
Park City, USA
Rajkot, India
Rio de Janeiro, Brazil
Uppsala, Sweden
Valdivia, Chili

Other admirable contenders:

Commune de Codody, Côte d'Ivoire
Paris, France
Vancouver, Canada

GLOBAL WINNERS



Announced 31 May 2022



 **WE LOVE
CITIES**



Public Engagement at its best



JOIN YOUR FAVORITE CITY ON ITS JOURNEY TO SUSTAINABILITY

HOME CITIES NAVIGATE SHARE LANGUAGE CONTACT

VOTE FOR YOUR FAVORITE CITY

Click on the flag of one of the 26 participating countries to get started.



Check the website: welovecities.org



WE LOVE CITIES

JOIN YOUR FAVORITE CITY ON ITS JOURNEY TO SUSTAINABILITY

HOME CITIES NAVIGATE SHARE LANGUAGE CONTACT

WHY WE LOVE CITIES

Over half the world's population now live in cities, and they generate over 70% of our climate footprint. But cities also offer an immense opportunity to create better places to live while contributing to a healthier planet. Through better transport, green buildings, harnessing the power of nature, wasting less and loving more, cities can lead the way to a climate-friendly future.



WE LOVE
TO GET AROUND

WE LOVE THE
POWER OF NATURE

WE LOVE
GREEN BUILDINGS

WE LOVE
CLEAN LIVING

WE LOVE
GOOD FOOD

LEARN MORE

LEARN MORE

LEARN MORE

LEARN MORE

LEARN MORE

EXPRESS YOUR LOVE

Your photos, videos, votes and ideas count! And the city with the most of these wins.



Use your city's hashtag
on Instagram, Facebook
and Twitter

Visit the city's page and
click the vote button

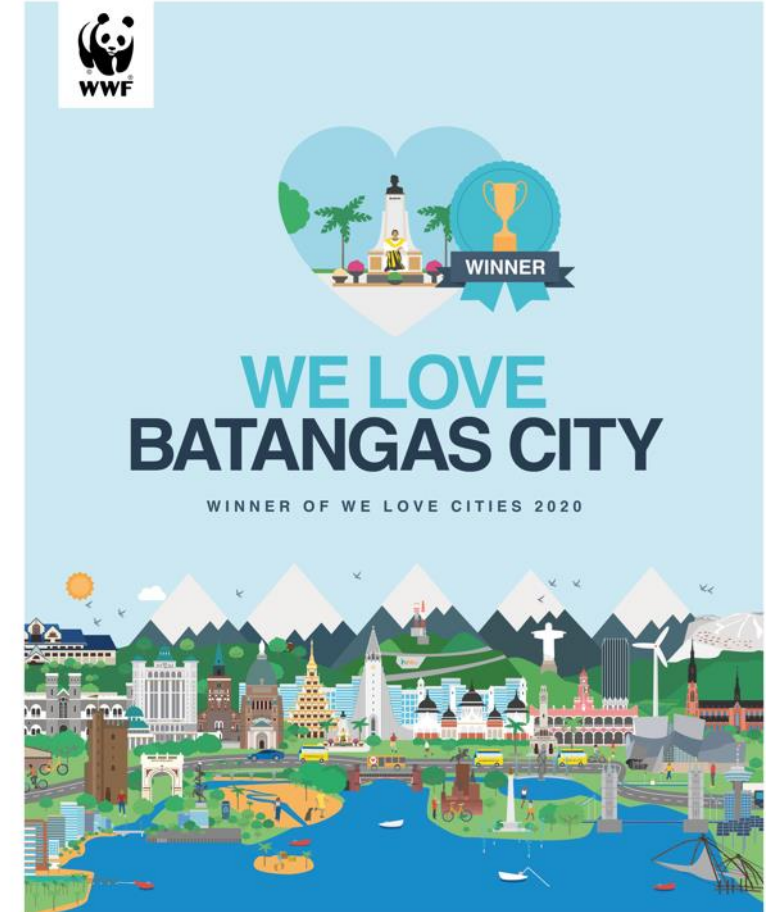
Submit an improvement
suggestion

And the winner is...



Batangas City, Philippines attracted **295,000** interactions!

The mayor's active involvement in the campaign lead to great public engagement and awareness raising through social media.



Batangas is the Most Lovable Sustainable City 2020
Batangas has a very bold vision – it aims to be the first totally carbon neutral city in all of the Philippines by 2030. To realize this vision, the city has developed a comprehensive climate mitigation and adaptation plan. We congratulate Batangas on winning We Love Cities 2020!
welovecities.org



WLC Results 2020: Interest and engagement despite the global pandemic



- **1.2M** Global votes – as citizen validation for the cities' sustainability targets and actions
- **79K** Improvement suggestions – bottom up ideas – shared by citizens – for local behavior change or new technical or policy solutions, shared with the cities
- **4.6M** Post engagements in participating cities' and WWF's social media channels – changing mindsets and choices, and supporting the creation of sustainable local communities
- **80M** total accumulated campaign reach on social media (all channels)





Urban Solutions for a living planet

Urban Solutions



Leading by example

- OPCC winners profiled as learning cases
- Highlights innovative plans, policies and actions
- 13 themes – from water to climate

www.panda.org/urbansolutions



© Shutterstock / Olga Kashubin /

Urban Solutions from around the globe



Vancouver inspires!



MEXICO CITY - METROPOLIS ADAPTS REALISTIC GOALS

Once considered one of the world's most polluted cities, Mexico City's ambitious but realistic climate adaptation goals and actions enabled the city to bring home the title Global Winner of WWF's One Planet City Challenge in 2020.

A WATER PARK - LITERALLY

Once capital of the Aztec empire called Tenochtitlan, the area was occupied by Mexico City has been inhabited for centuries. After the 16th century Spanish conquest, Mexico City became the capital of New Spain. Now it is the most populous city in North America with over 20 million people* in its greater metropolitan area. Mexico City stretches across a 4,000 square kilometre and has the globe's 14th largest GDP.

Challenges of growth are inevitable in a metropolis of this size. The city is surrounded by mountains and a large valley formed by the high altitude city area covered by the waters of Lake Texcoco. It's geography has made it difficult to build and wastewater management issues as well as freshwater supply challenges.

For adaptation to change, local leaders have a challenge of Mexico City. The city developed a climate change plan aligned with the Paris Agreement and the goal of keeping temperatures below 2°C.



WWF

WWF SOLUTION SET



BUENOS AIRES - GOOD WINDS FOR CHANGE

The metropolitan area of Buenos Aires with three million inhabitants is the second largest urban region in South America. Buenos Aires pledged to cut emissions 50% by 2030 and was one of the first G40 cities to aim for total carbon neutral status by 2050. It is also the first city in the world to have 100% LED street lighting.

CROSS-DISCIPLINARY APPROACH

To reach the goal, Argentina's capital city is working across different areas including social inclusion, urban development, and environmental management. Efforts with both energy efficiency and increasing renewable energy are critical to the energy sector accounts for 50% of the city's emissions.

One strategy the city is pursuing is fostering a network for sustainable procurement for the construction industry. City officials are exploring these opportunities for infrastructure and maintenance, have trained in using the network, and

Buenos Aires is collaborating with 12 other cities through the G40 Cities to working across different areas including social inclusion, urban development, and environmental management. To date, 10% of all the city's construction purchase orders include sustainability criteria.

Buenos Aires has also facilitated greater equity as part of its sustainability work. First the city measured gender gaps* - political, economic, and decision making gaps that women experience. Results were analyzed, and the city then took steps based on legal, adjusting traffic signs and increasing access to public transport availability.

WWF

WWF SOLUTION SET



RAJKOT - EFFICIENT COOLING IS KEY

With nearly two million inhabitants, Rajkot is a fast-growing city in the western Indian state of Gujarat.

Rajkot's hot, semi-arid summers make energy-efficient cooling of homes and businesses a necessity. As extreme temperatures become more common, Rajkot has embraced a national initiative to build new housing for residents and hopes to reduce CO2 emissions from the building sector*.

Fast growing Rajkot has committed to reducing its carbon emissions with its vision. To do that Rajkot must ensure sustainability at the core of urban development. The city's recent land parcels represent an empty space that could be filled by well-designed neighbourhoods and reliable, low carbon transport alternatives.

REALITY - HOT AND DRY

Temperatures in Rajkot can reach up to 47°C in the summer, and the city has witnessed that building indoor temperatures are higher summer days can reach 38°C. The reality motivated the Rajkot city administration to support the government's Pradhan Mantri Awas Yojana (PMAY) goal to give citizens decent housing affordable homes. PMAY's goal of the world's largest, most ambitious housing scheme aiming to build 20 million affordable homes by 2025. Over the past few years, approximately 1.8 million living spaces have been completed. Residential buildings account for 14% of India's energy consumption, with an expected rise to 16% by 2030 as cities grow. Currently each unit of electricity generation is estimated to produce 4kg of CO2 in India*.

After the Rajkot city administration decided to follow the lead of PMAY, a residential project called Smart GREEN III was



WWF

WWF SOLUTION SET



HELSINGBORG - NET ZERO, ONE BITE AT A TIME



Helsingborg in Sweden is looking to solve an interesting challenge - reducing emissions from consumption, which means chasing emissions that occur beyond city borders. Creative solutions helped this southern Swedish city reduce emissions by half since 1990, on the way to the goal of net zero status by 2035.

With a population of nearly 150,000, Helsingborg is known as the 'city of the future' and is the most sustainable municipality. To date, 10% of all the city's construction purchase orders include sustainability criteria.

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WWF

WWF SOLUTION SET



Next round: 2023-2024



Launching early 2023

All cities welcome to join

It's free!

Together we thrive



Working to sustain the natural world for the benefit of people and wildlife.

together possible™

panda.org

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