

# **C'est possible**

**Cities lead the way - successful transitions  
from around the world. And Canada!**

**David Miller**

**Rendez-vous collectives viables  
Montreal, le 22 Juin**

Rapport le plus récent du GIEC : Pour garder 1,5 degré à portée de main, c'est "maintenant ou jamais"

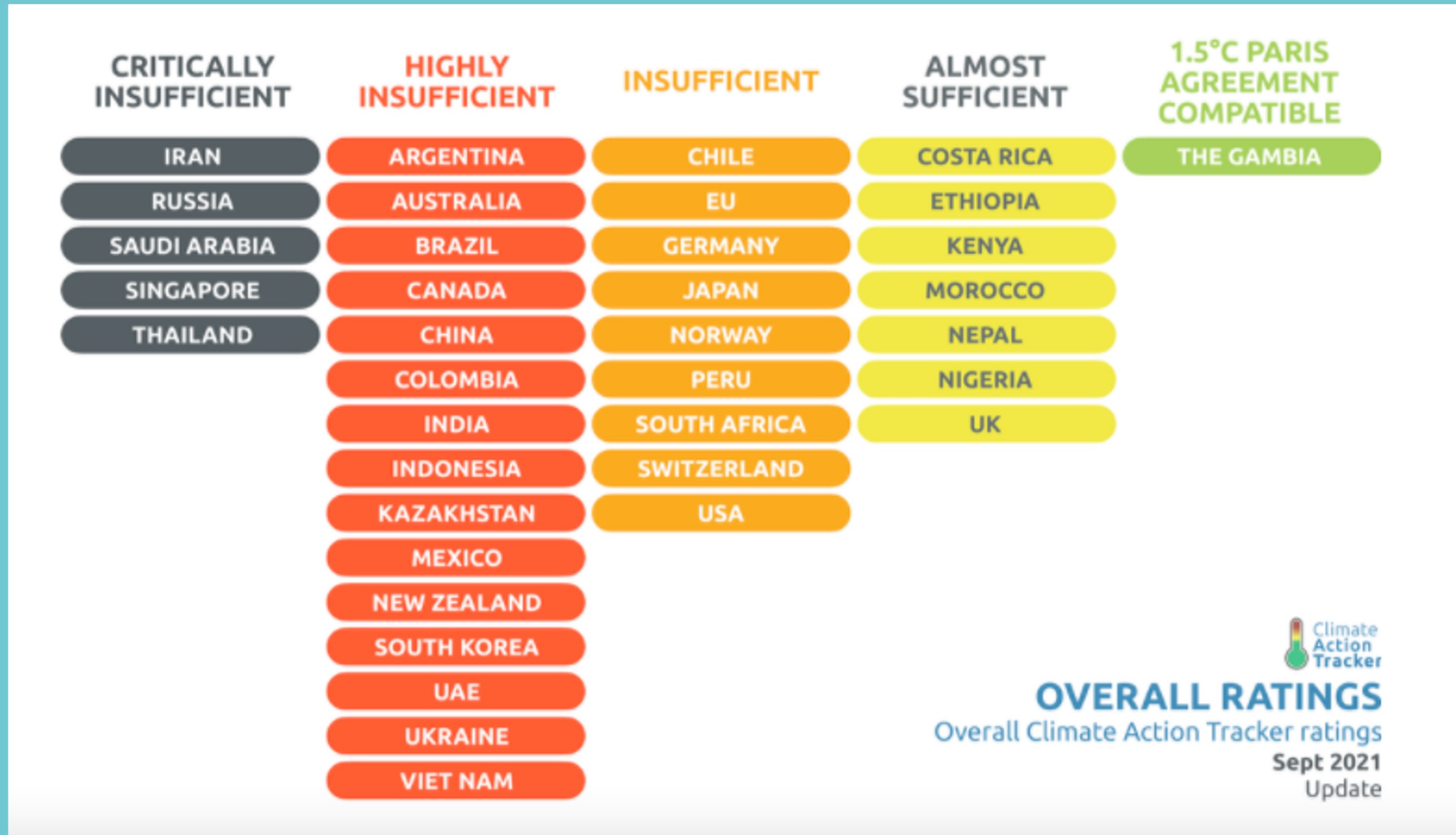
## *Stopping Climate Change Is Doable, but Time Is Short, U.N. Panel Warns*

A major new scientific report offers a road map for how countries can limit global warming, but warns that the margin for error is vanishingly small.

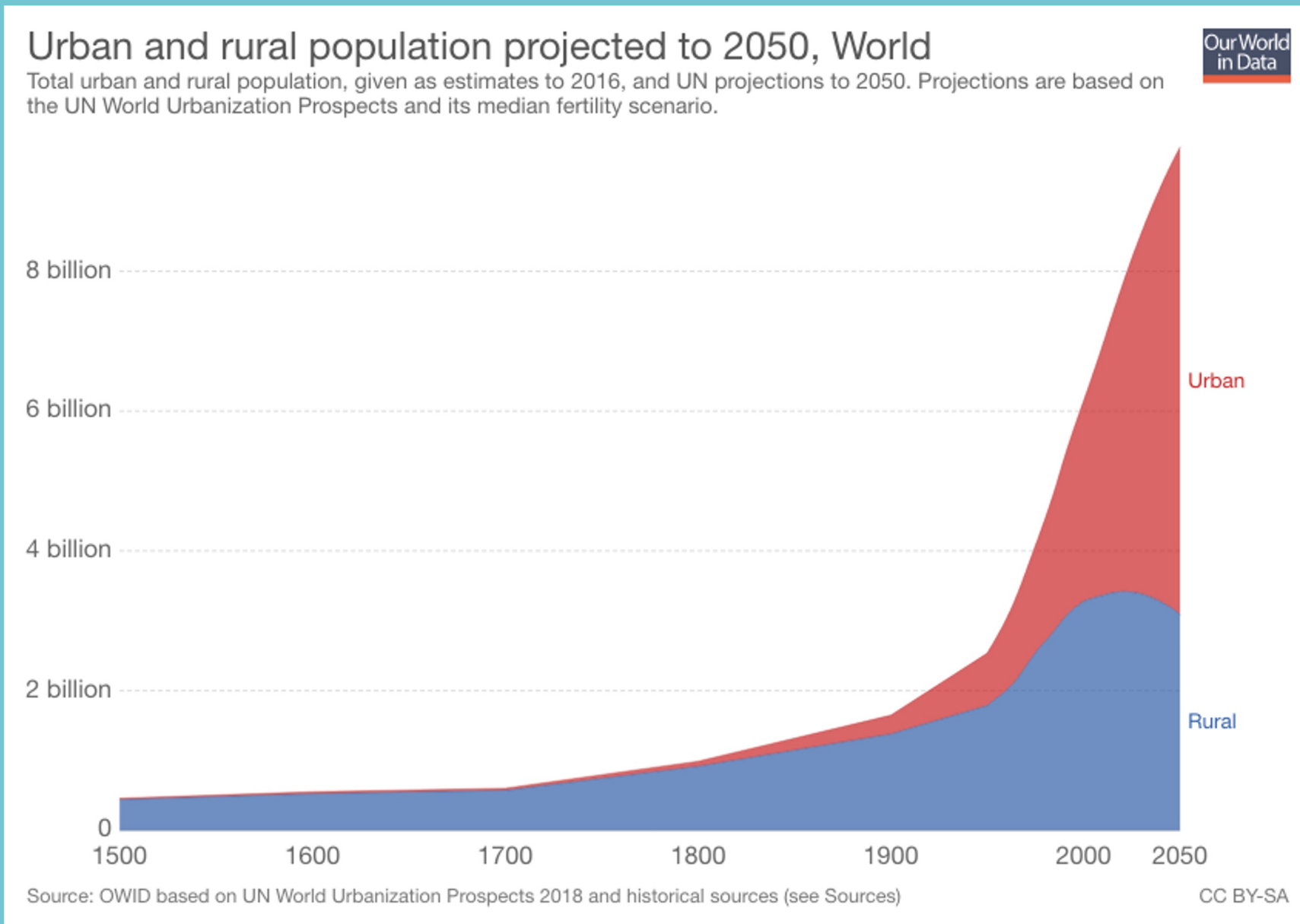
The report states that:  
**It will be impossible to stay below 1.5C with “no or limited overshoot” without stronger climate action this decade.**



## Le contexte: l'inaction des gouvernements nationaux



# L'importance des villes: la plupart des populations du monde sont urbaines:





# Les villes: globales et importantes

**55%**

Global population



**80%**

Global GDP  
generated in cities



**70%**

Global CO2  
emissions



**2/3**

Global energy  
consumed



**90%**

Urban expansion in  
developing countries near  
hazard-prone areas



The book cover features a white central rectangle with blue watercolor splatters on the left and right sides. The title 'Solved' is in a large blue serif font, with a black checkmark integrated into the letter 'o'. The subtitle is in a smaller, black, all-caps serif font, arranged in four lines. The author's name is in a large black serif font at the bottom, with the foreword credit in a smaller all-caps serif font below it.

# Solved

HOW THE WORLD'S  
GREAT CITIES  
ARE FIXING  
THE CLIMATE CRISIS

David Miller

FOREWORD BY BILL MCKIBBEN



COP26 : Que s'est-il passé?



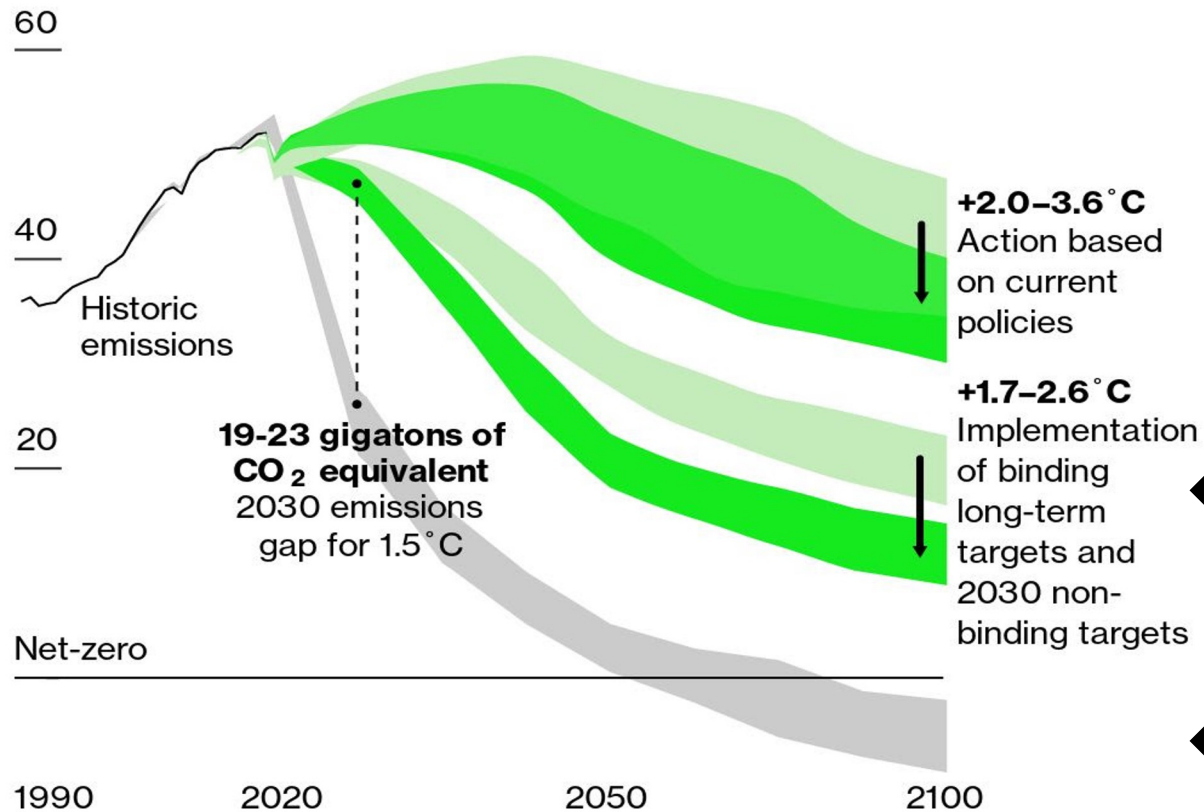


# Trop peu d'actions

## Impact of COP26 on Emissions Pathways

New targets could reduce emissions by 2100 in line with 1.7–2.6° C warming

Low and high projections    May    November    Below 1.5° C



Trajectory if all short and long-term targets are implemented

1.5° C emissions reduction pathway that science demands

Note: November 2021 update  
Source: Climate Action Tracker

**Bloomberg**

# COP26: Les villes ont fait beaucoup d'actions



PHOTO SOURCE: CITY OF LA



## 1049 villes se joignent à la course Objectif zéro



An unprecedented coalition of cities committed to **limiting** global temperature rise to **1.5°C** and implementing **inclusive and resilient** climate action.

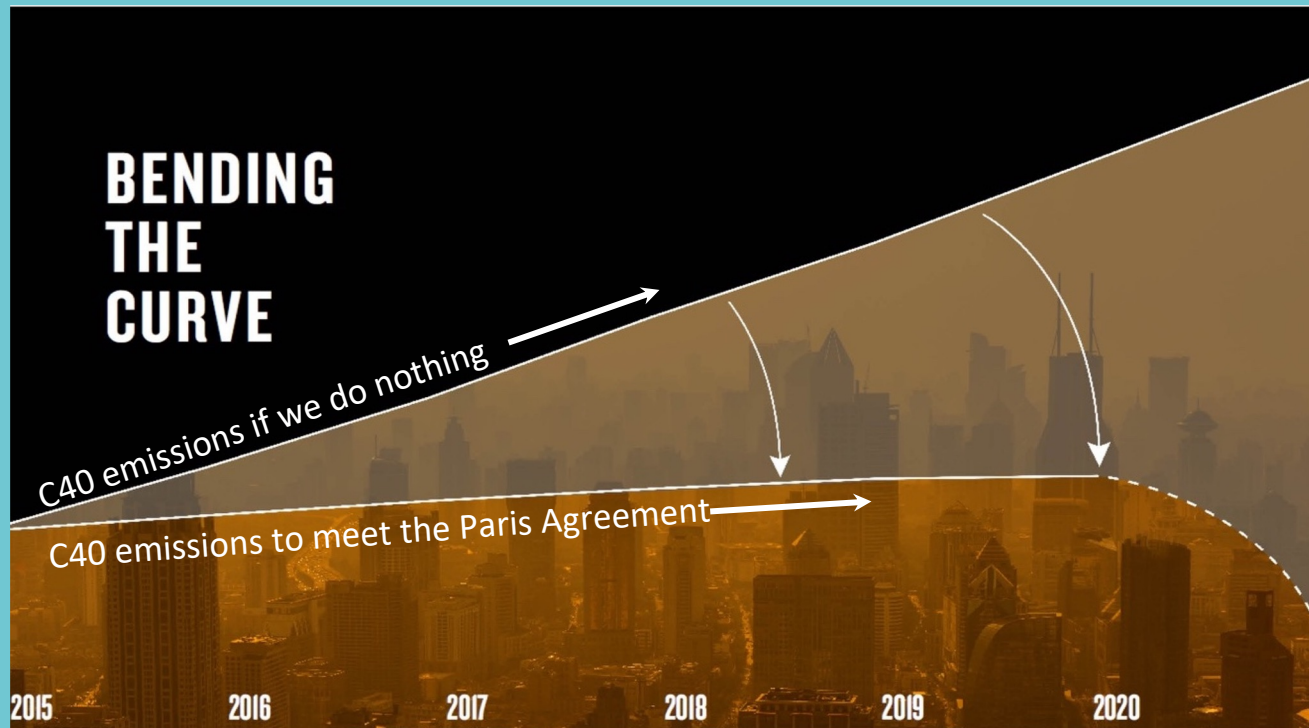
PHOTO SOURCE: GETTY IMAGES



# Deadline 2020: A pathway to 1.5°C

**Deadline 2020 is the first pathway to achieve the goals of the Paris Agreement.**

**It determines that C40 cities need to **peak** emissions in 2020, halve emissions by 2030 and reach net zero by 2050.**



# DK2020: un programme pour les villes Danoises. Un QC2020 est-il possible?

**94 Municipalities in Denmark are utilizing C40 tools to develop Paris compatible Climate Action Plans.**

**The pilot program has grown from originally 20 cities, to include nearly all of the country's municipalities.**

The logo for DK2020, featuring the letters 'DK' followed by the year '2020' in a stylized, rounded, blue font. The '2020' is composed of thick, rounded strokes, giving it a modern and clean appearance.



# \$1 milliard pour les bus électrique en Amérique du sud



**A coalition of international investors signed a commitment with C40's Zero Emissions Bus Rapid Accelerator to invest more than **\$1 billion U.S. dollars** in zero-emission public bus fleets in Latin America.**

PHOTO SOURCE: INTELLIGENT TRANSPORT



## World's first **transpacific green shipping** corridor between ports in the United States and China announced by C40 Cities, the Port of Los Angeles and the Port of Shanghai



PHOTO PORT OF LOS ANAGELES

*Key goals of the partnership include:*

- The phasing in of **low, ultra-low, and zero-carbon fueled ships** through the 2020s
- The development of **best management practices** to help reduce emissions and improve efficiency
- **Reducing supply chain emissions** from port operations

# Mayor of London and Chair of C40, Sadiq Khan expands the Ultra Low Emissions Zone (ULEZ)



London introduced its ULEZ in 2019 to **improve air quality** in the city by **targeting transport emissions**.

Vehicles operating in the ULEZ must **meet certain emissions standards** or pay a fine.

Within the first six months of the ULEZ, **air pollution linked to traffic dropped by more than a third** in central London.

Expanding the ULEZ city wide will **remove up to 40,000 of the most polluting cars** from London's roads each day and bring further air quality benefits.

PHOTO SOURCE: CITY OF LONDON



# CHANGE IS IN THE AIR

TORONTO'S COMMITMENT TO AN ENVIRONMENTALLY SUSTAINABLE FUTURE

**Lessons from  
Toronto**

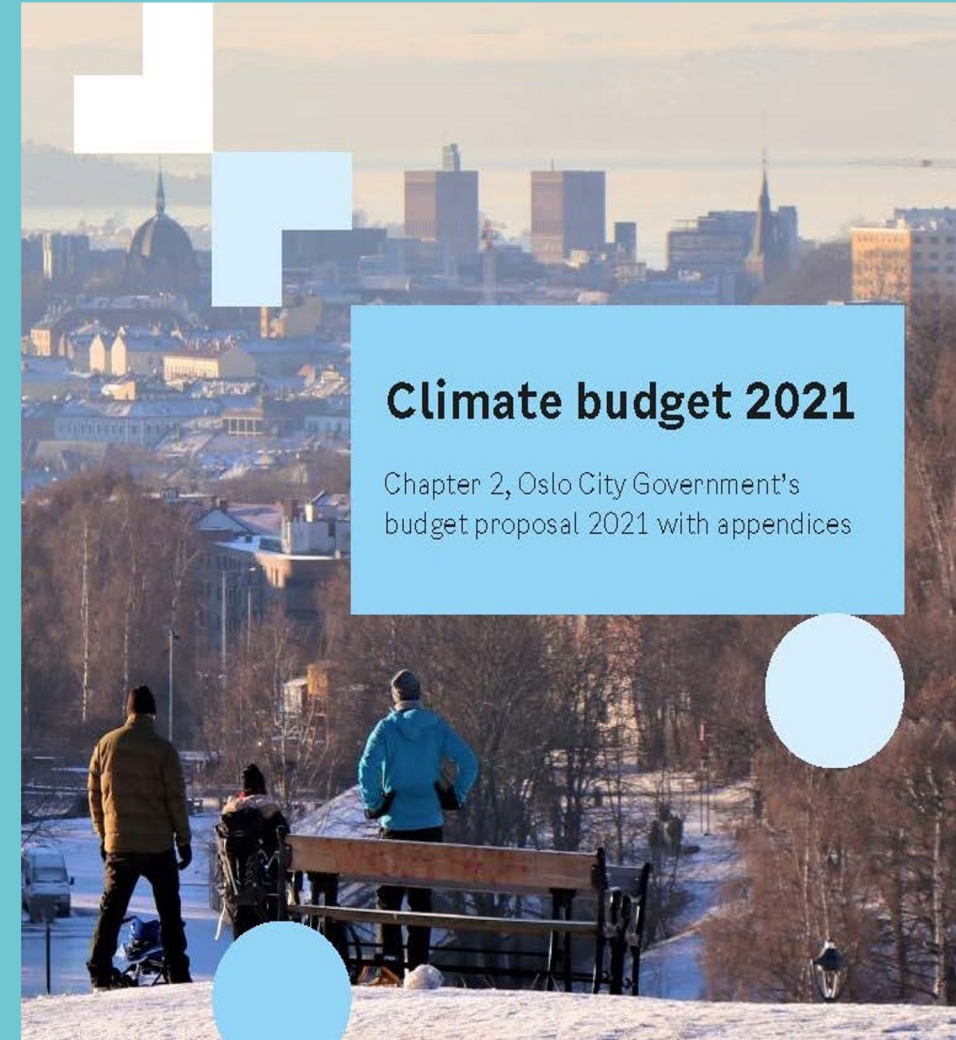




# Climate budgeting: embedding climate consideration into all aspects of city decision-making

**A *climate budget* is a systematic approach or governance system that **ensures the carbon budget**, or long-term emissions reduction target, is **integrated into a city's daily operations and policies**.**

**Solving the climate crisis requires change across our entire political, economic and social systems. This means that a '**whole of government**' approach is needed.**



# **Our Vision of the 15-minute City**



**A polycentric city made of multiple ‘complete neighbourhoods’**



**A city made of inclusive and cohesive communities**



**A city with people-centred streets**



**A city where each neighbourhood is connected**



**A city that harnesses nature**

# A flexible concept that municipalities have tailored to their city's culture and to respond to specific local needs





## Blue House Yard, London

A vacant site was transformed by the local council. Meanwhile uses, including retail units, studio and office spaces, an event space and a cafe were opened to the public in 2017. A fair rent policy is in place, with prices set between 50- 80% of market value, on flexible terms and with no upfront deposits.

The site has enabled small businesses to incubate, grow and become self-sufficient for the long term, while also supporting active community networks, creating jobs through both construction and operation, and making effective use of existing buildings and infrastructure on a disused site.





### 3. People-centred streets

- **Good street design** to make walking and cycling the mode of choice
- **Reclaiming city spaces from private vehicles** to improve active travel and develop new uses for social and community-building
- **Tactical urbanism & temporary activation** to engage and inspire local residents



#### Milan

The Piazza Aperte program in Milan has been seeking to reclaim spaces in piazzas that were once dedicated to cars, using a range of temporary strategies. The approach relies on working with inhabitants to restyle their neighbourhoods through cheap and scalable spatial interventions.

## 4. Connected Place

Because supporting local life does not mean isolation, it is vital to ensure each neighbourhood is connected to the rest of the city and beyond to enhance social and economic connectivity

- **Physically connected**  
accessibility & affordability of public transit to connect the neighborhood with other parts of the city
- **Digitally connected**  
enable more flexible working practices, reduce the unnecessary travel ensure



### São Paulo

The City has developed a 'neighbourhood internet services', developing a network of comfortable neighbourhood working spaces with good internet access.

It aims to inject life into neighbourhood main streets and encourage people to work remotely.



## 5. Urban nature

to support biodiversity, improve air quality and climate resilience, as well as foster wellbeing. 3 levels of green spaces:

- **Ensure all residents have access to large open green spaces** within 15 minute-city walk or ride from home
- **Invest in pocket parks** to transform small or underutilized areas into green spaces, and match the needs of the inhabitants (eg. playgrounds, sport facilities, urban gardening...)
- **Adopt a 'green throughout' strategy** in streets, public realm, and on walls and roofs of buildings



### Medellín

Since 2016, the City of Medellin has created 30 'Green corridors', a network of greenery that connect the different city neighbourhoods.



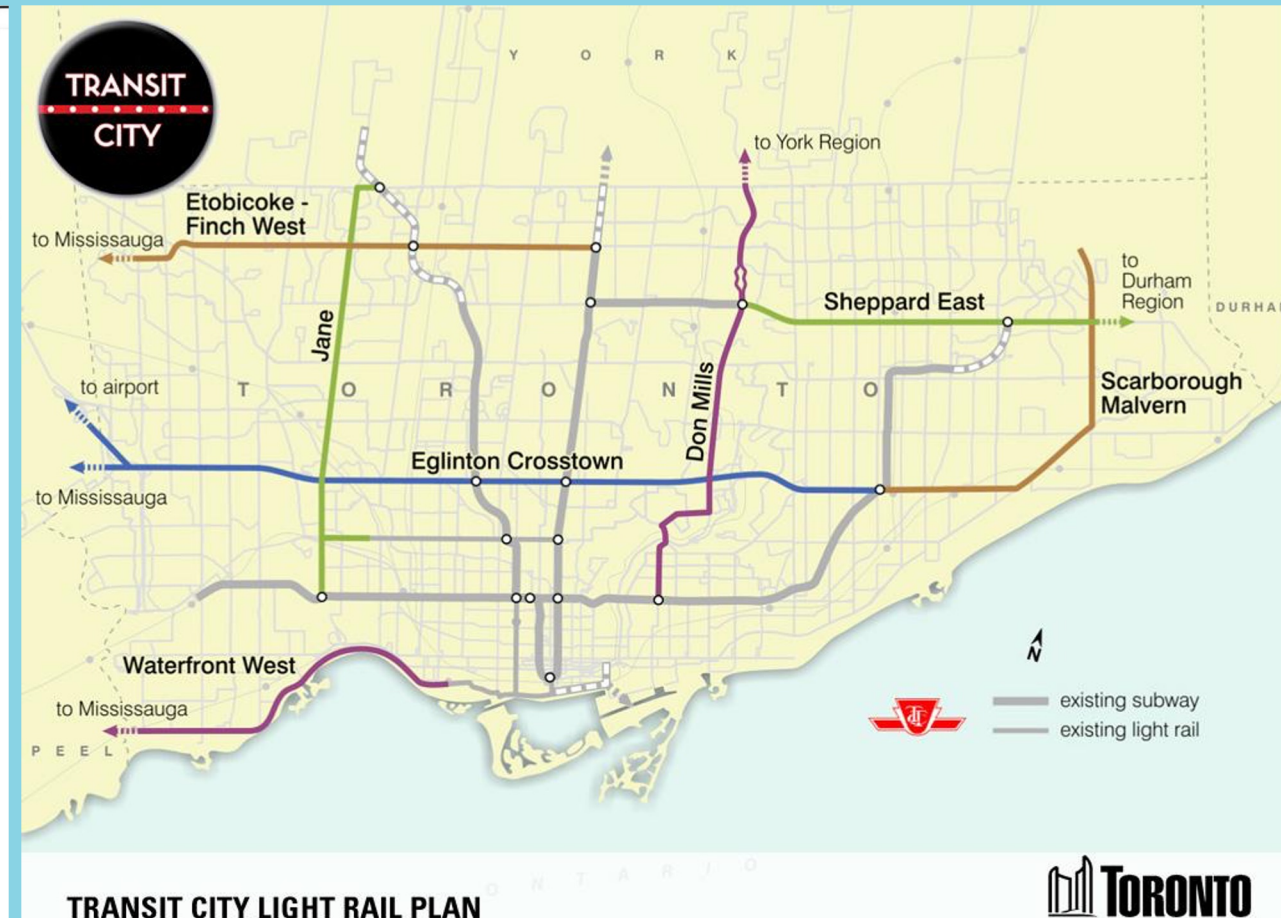
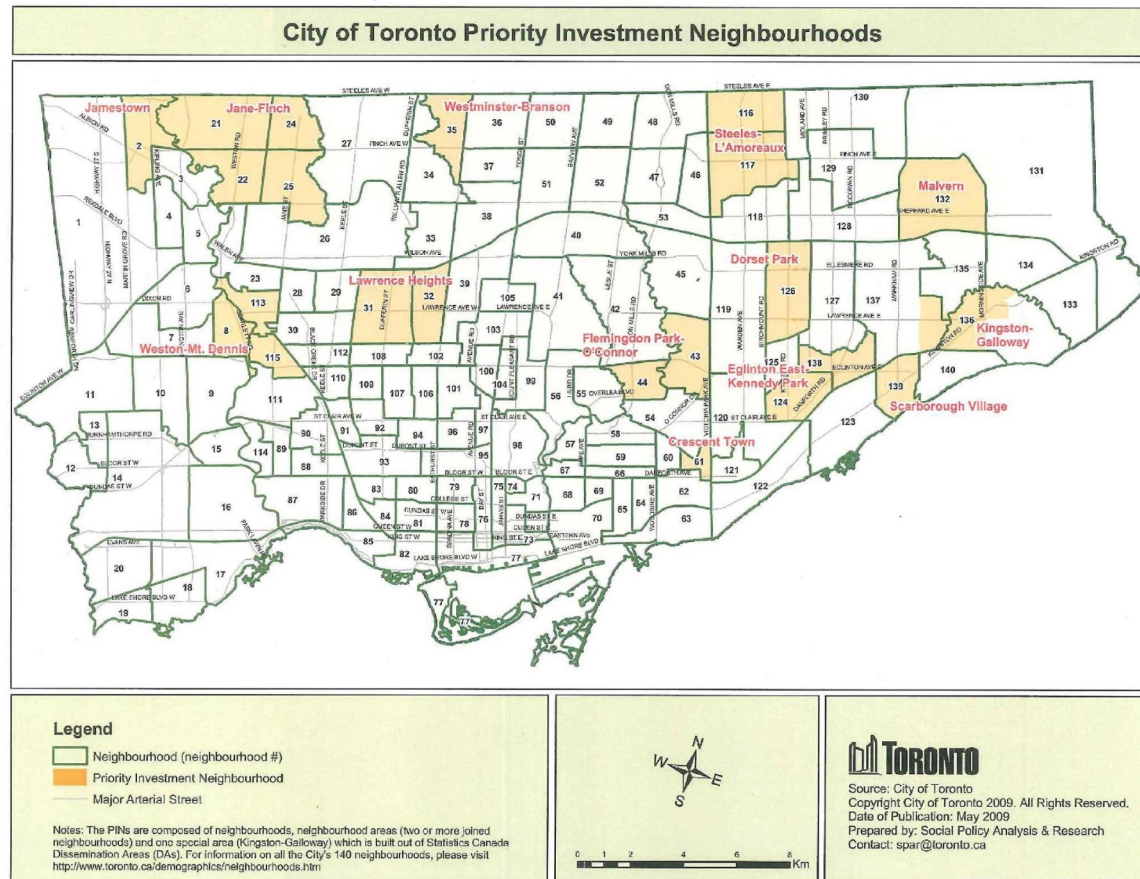
# Ensuring bold climate action is equitable and beneficial for all

## C40 MAYORS' AGENDA FOR A GREEN AND JUST RECOVERY





# Toronto







## L'étalement: un grand problème pour le climat.



**Merci.**