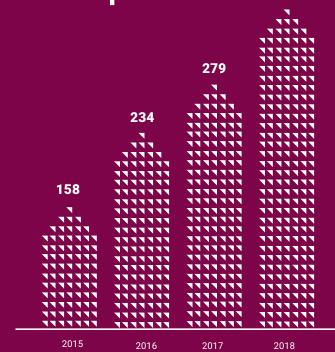
GLOBAL CITIES STEPPING UP ON CLIMATE ACTION

Since the signing of the Paris Agreement in 2015...

Twice as many cities report to CDP



Twice as many cities have created climate action plans 323



90% more cities have set emissions reduction targets



2018

AND THE ACTIONS THEY ARE **TAKING ARE THE RIGHT ONES**

Actions across these four areas have the greatest potential to reduce emissions:1









ENERGY SUPPLY

Through decarbonizing the electricity grid, cities could achieve a mix of 50-70% renewables by 2030.1

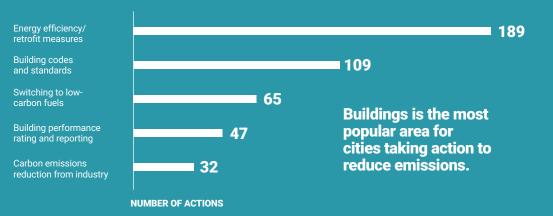




BUILDINGS

Energy intensity within the global buildings sector needs to improve by 30% by 2030 to meet the goals of the Paris Agreement.²





MOBILITY

Improving fuel economy and reducing CO₂ in conventional internal-combustion vehicles has the potential to provide 10-25% of total emissions reductions needed by 2030.1



economy from public transport

Awareness and education

142 **85** motorized transport 83 74 38

31

NUMBER OF ACTIONS



WASTE

Improvements in waste management coupled with waste prevention can achieve up to 20% reduction in global emissions.⁴

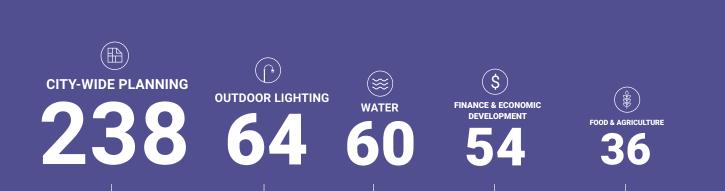


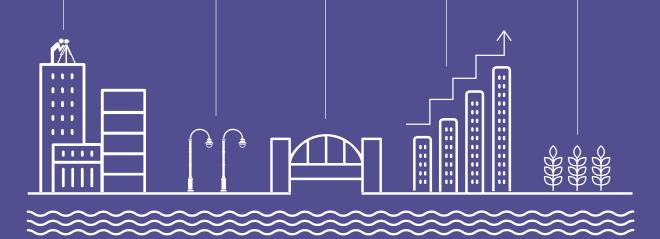
Recycling or composting collections and/or facilities	8
Recyclables and organics separation from other waste	56
Waste prevention policies and programs	53
Landfill management	22
Improve the efficiency of waste collection	19

Shifting the balance from recycling to prevention will help cities further reduce overall emissions from waste.

CITIES ARE TAKING MANY OTHER CLIMATE ACTIONS TOO

NUMBER OF ACTIONS





AROUND THE WORLD CITIES ARE PRIORITIZING DIFFERENT ACTIONS



facilities within the city center since 2013. Alongside this investment in infrastructure, the city education and awareness program for children and adults. Louisville runs annual campaigns to attract new cyclists, including Bike Everywhere

Friendly Community. Building on this success, it launched a bike-share program in 2017.

energy company and its partners invested €300M in low-carbon energy, removing production. As a result, in 2018 the city's share of renewable energy will exceed the share of non-renewable energy for the first time.

Turku's energy system will be carbon-neutral by 2029, which will help the city with its ambition to become Climate Positive (zero carbon).

Suwon, a South Korean city with high population density of 8,972 people per km², is developing The city is planting forests, constructing five n miniature parks and is cultivating greenery on

been planting 'green curtains' or vine plants in public spaces to create living exterior walls.

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Recife •

Louisville

LATIN AMERICA

RECIFE, BRAZIL

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Sustainability Seal for commercial and residential properties. New buildings that adopt sustainable measures are awarded Diamond, Gold, Silver or Bronze status based on the number of environmental measures they have adopted.

The Environmental Sustainability Seal forms part of Recife's Low Carbon Plan to reduce emissions.



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AFRICA

KISUMU, KENYA

r. TO D (\mathbb{B}) (\mathbb{I})

> , S.C (⊞)(₩

> > Hobart

SOUTHEAST ASIA AND OCEANIA

HOBART, AUSTRALIA

WASTE Landfill gas is captured and used to generate electricity at McRobies Gully landfill in Hobart, Tasmania's most populous city. In 2017/18 this landfill extraction system destroyed methane equivalent to 35,347 tonnes of carbon dioxide (CO²) - the equivalent of removing 10,396 cars from the road for a year. This produced 6,067 MWh, enough electricity to power around 1064 enough electricity to power around 1,064 average Tasmanian homes.

CLIMATE ACTIONS HAVE

The city of Kisumu is rehabilitating a long-standing landfill site into a recreational park. The city will plant indigenous trees and

build a children's playground on the reclaimed land. This green space will complete their wide range of parks and game parks throughout

CO-BENEFITS FOR CITY RESIDENTS

HEALTH AND WELL-BEING **BENEFITS**

More cycle lanes and green spaces lead to better air quality.



INCREASED RESILIENCE TO CLIMATE HAZARDS

Urban forests help protect against flooding.

REDUCED FUEL POVERTY

Better building standards increase efficiency and save citizens money on energy costs.

INVESTMENT AND ECONOMIC OPPORTUNITIES

Public private partnerships provide jobs and help drive the local economy.



#STEPUP2018



NOW IS THE TIME FOR CITIES TO #STEPUP2018 ON CLIMATE CHANGE ACTION

By reducing emissions locally, cities have a critical role to play in limiting warning to well below 2°C and striving for no more than 1.5°C, as set out in the Paris Agreement. By stepping up on climate action, global cities are building resilience and stronger communities. Cities that are disclosing their data, setting targets and taking action are playing their part to reduce emissions and transition to a low-carbon, water-secure future.

JOIN THE CONVERSATION

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- www.cdp.net/cities
- m https://www.linkedin.com/company/cdp-worldwide/

This infographic analyses 2018 data from 596 cities who disclosed to CDP by 20 August 2018. The number of disclosing cities was updated on 10 October 2018.

ABOUT CDP

CDP focuses cities, states, regions, investors and companies on taking urgent action to build a truly sustainable economy by measuring and understanding their environmental impact

- 100% increase in cities reporting since Paris Agreement
- 750+ cities, states and regions reporting to CDP
- · 1760 emissions reductions actions reported by cities



Bloomberg Philanthropies

1 Focused Acceleration: A strategic approach to climate action in cities to 2030, C40 Cities and McKinsey Centre for Business and Environment, November 2017, C40.org. The report references four action areas: decarbonizing the energy grid, optimizing energy use in buildings, enabling next generation mobility and improving waste management. We have referenced and paraphrased these action areas in this infographic.

2 UN Environment and International Energy Agency (2017): Towards a zero-emission, efficient, and resilient buildings and construction sector. Global Status Report 2017.

3 Shannon Bouton et al. An Integrated Perspective on the Future of Mobility, a joint report from McKinsey & Company and Bloomberg New Energy Finance, October 2016, McKinsey.com.

4 Global waste management outlook, United Nations Environment Programme, 2015, unep.org.