

Paris

CDP Cities: InFocus Report | 2016



About the report

CDP is a not-for-profit that provides the global platform for cities to measure, manage and disclose their environmental data. We work with more than 500 cities who are now measuring and disclosing environmental data on an annual basis in order to manage emissions, build resilience, and protect themselves from the growing impacts of climate change.

Thanks to CDP's cities program funder, Bloomberg Philanthropies, CDP has seen 533 cities disclose their climate change related data, a 70% increase from 2015. We congratulate the hard work and dedication of city governments in measuring and disclosing this data and for the actions they take to tackle climate change. To see the results for all participating cities, visit <https://www.cdp.net/cities>.

For the last 6 years, CDP has partnered with the C40 Cities Climate Leadership Group (C40) in connecting more than 90 of the world's greatest cities, representing over 650 million people and one quarter of the global economy. Created and led by cities, C40 is focused on tackling climate change and driving urban action that reduces greenhouse gas emissions and climate risks, while increasing the health, wellbeing and economic opportunities of urban citizens.

InFocus Reports are given to the city in each region that produced the highest quality response for their submission to CDP Cities.

In 2016, five C40 cities are awarded with InFocus Reports for demonstrating leadership in their region by taking bold climate action. We congratulate: Cape Town, South Africa; Mexico City, Mexico; Paris, France; Sydney, Australia and Vancouver, Canada.

This year we also recognize cities that are disclosing for the first time in 2016 and received the highest score in each of their regions: Gladsaxe, Denmark; Municipalidad de Providencia, Chile; City of North Vancouver, Canada; Taoyuan City, Taiwan; and Yaoundé 6, Cameroon. This group of cities are excelling at disclosure in their first year of reporting, which is critical for taking meaningful action to address environmental risks.

With this report CDP, C40 and AECOM are proud to highlight Paris as a climate leader. This document contains the questionnaire data provided to CDP from Paris as part of its 2016 CDP submission.



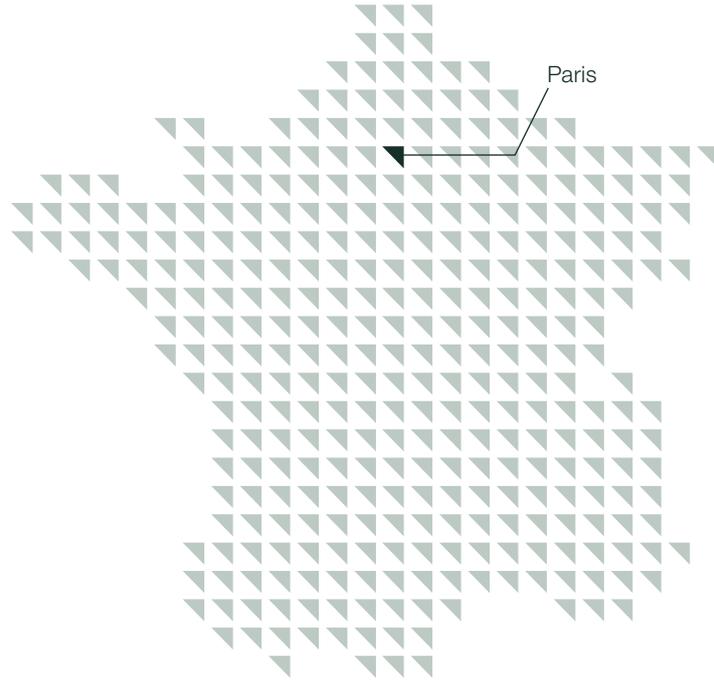
Paris, France

5

Years disclosing to CDP

Population

2,265,886



CDP is one of the official reporting platforms supporting the Compact of Mayors, which has now merged with the EU's Covenant of Mayors to create the Global Covenant of Mayors for Climate & Energy

Compact of Mayors

Phases completed



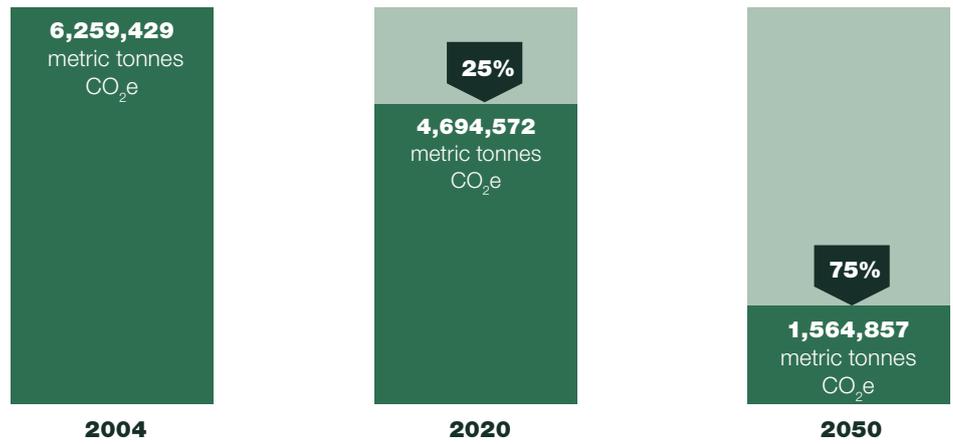
Mitigation

Climate Action Plan

Adaptation strategy of Paris climate and energy action plan | 2012

Emissions protocol: Global Protocol for Community-Scale Greenhouse Gas Emissions Inventories (GPC), (WRI, C40 and ICLEI)

Total community emissions trend and target



26

activities being undertaken to reduce emissions

Top 3 emissions reduction activities



Mass transit

Improve rail, metro, and tram infrastructure, services and operations

(reduced by 1,550,000 metric tonnes CO₂e)



Food and agriculture

Encourage sustainable food production and consumption

(reduced by 1,245,000 metric tonnes CO₂e)



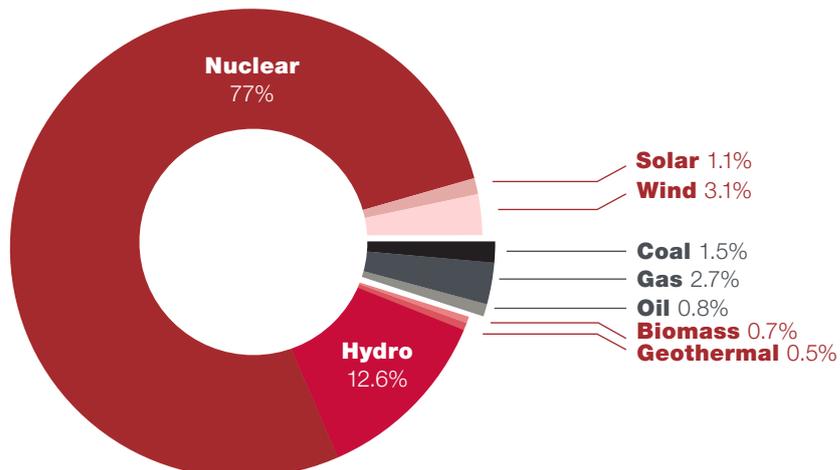
Waste

Waste prevention policies and programs

(reduced by 960,000 metric tonnes CO₂e)

By 2020 Paris aims to source 25% of its total energy from renewable

National energy mix



Climate hazards

Vulnerability assessment

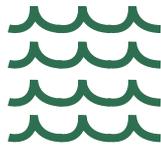
Paris's strengths and weaknesses facing climate change | 2014

Climate hazards are dangerous climate-related physical events that may cause loss of life, injury, or other health impacts.

These hazards can cause damage or loss to infrastructure, livelihoods, and environmental resources.

Top 3 climate hazards by timescale

Current



River flood

Short-term (by 2025)



Fog



Heatwave

Medium-term (by 2050)



Subsidence



Cold wave



Flash flood

Top 3 assets / services affected by climate hazards



Health and community



Transport



Energy

Adaptation

Adaptation Plan

Paris adaptation strategy | 2015

8

actions are being undertaken to reduce risk from climate hazards

Adaptation actions taken for the top climate hazards



Subsidence

Flood defences – development and operation & storage



Flash flood

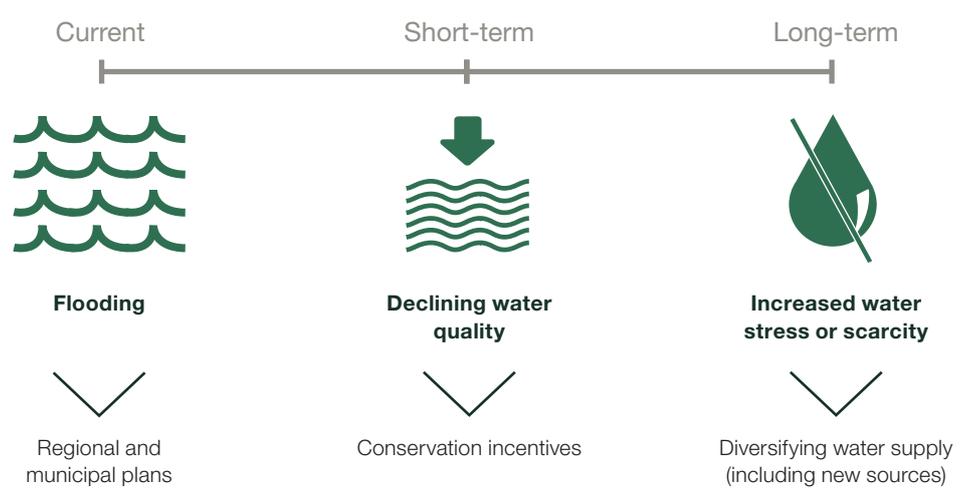
Tree planting and/or creation of green space



Severe wind

Crisis management including warning and evacuation systems

Adaptation actions taken to reduce water supply risks, by timescale



Economic opportunities

Climate change presents opportunities as well as risks. Many cities have identified economic or financial benefits opportunities from mitigating, and adapting to climate change.

Top economic opportunities from climate change

- ▼ Increased infrastructure investment
- ▼ Increased energy security
- ▼ Improved efficiency of operations
- ▼ Increased green entrepreneurship
- ▼ Increased attention to other environmental concerns
- ▼ Development of new business industries (e.g. clean tech)
- ▼ Additional funding options



Important Notice

The contents of this report may be used by anyone providing acknowledgment is given to CDP. This does not represent a license to repackage or resell any of the data reported to CDP and presented in this report. If you intend to repackage or resell any of the contents of this report, you need to obtain express permission from CDP before doing so.

CDP has prepared the data and analysis in this report based on responses to the CDP 2016 cities information requests. No representation or warranty (express or implied) is given by CDP as to the accuracy or completeness of the information and opinions contained in this report. You should not act upon the information contained in this publication without obtaining specific professional advice. To the extent permitted by law, CDP do not accept or assume any liability, responsibility or duty of care for any consequences of you or anyone else acting, or refraining to act, in reliance on the information contained in this report or for any decision based on it.

CDP Worldwide, Inc. is a not-for-profit organization with 501(c)3 charitable status in the U.K.

© 2017 CDP. All rights reserved.

CDP Contacts

Paul Dickinson
Executive Chairman

Paul Simpson
Chief Executive Officer

Frances Way
Co-Chief Operating Officer

Sue Howells
Co-Chief Operating Officer

CDP's Cities Program

Conor Riffle
Director, Cities and Data
Product Innovation

Kyra Appleby
Head of Cities

Katie Walsh
Senior Manager,
North America

Andreia Banhe
Manager,
Latin America

Hanah Paik
Manager,
Asia Pacific

Chris Thorpe
Manager, Europe, Middle East
and Africa

Sara Telahoun
Senior Project Officer

Simeran Bachra
Data Analyst

Alice de Palma
Project Coordinator

CDP Board of Trustees

Chairman: Alan Brown
The Wellcome Trust

Jane Ambachtsheer
Mercer Investments

Jeremy Burke
UK Green Investment Bank

Kate Hampton
Children's Investment Fund
Foundation

Jeremy Smith
Disciple Media

Takejiro Sueyoshi

Martin Wise
Relpro

CDP Advisors

Lord Adair Turner

Rear Admiral Neil Morisetti CB

AECOM Team

Claire Bonham-Carter
Principal, Director of Sustainable
Development

Ben Smith
Principal, Director of Sustainable
Development

Christopher Pountney
Associate Director

Kelly Sharman
Senior Resource Studio
Manager

Nina Patel
Graphic Designer