

# 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.



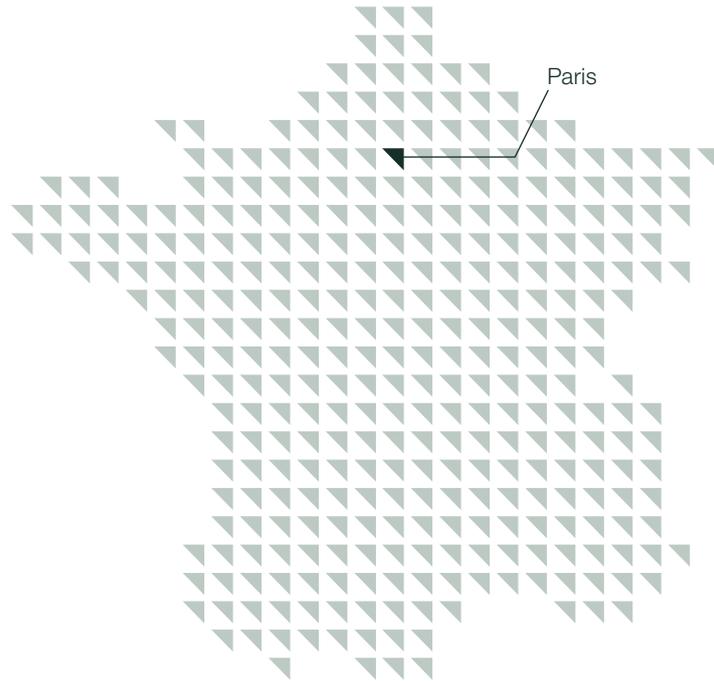
# Paris, France

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



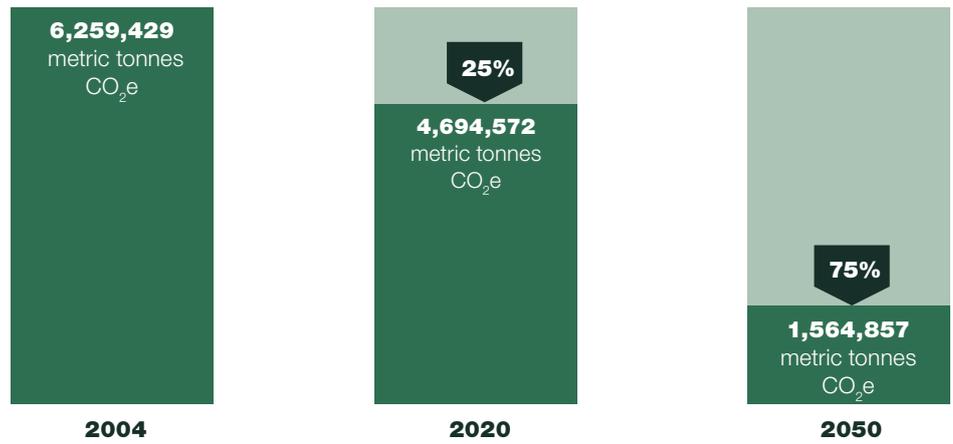
# Mitigation

## 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 CO<sub>2</sub>e)



#### Food and agriculture

Encourage sustainable food production and consumption

(reduced by 1,245,000 metric tonnes CO<sub>2</sub>e)



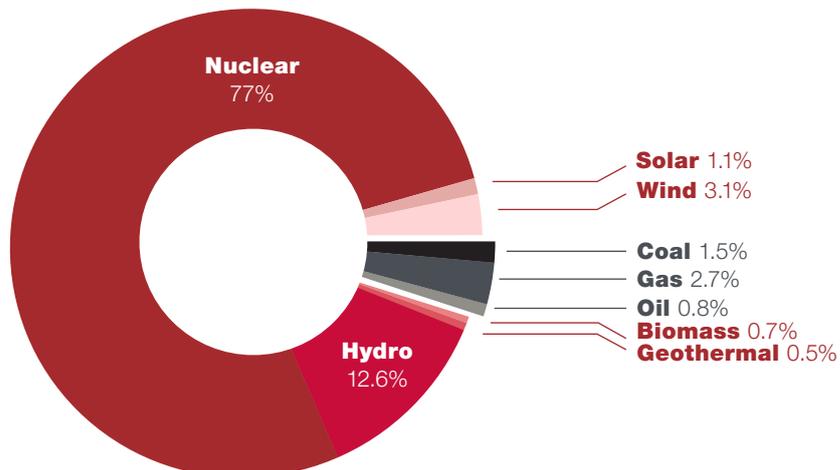
#### Waste

Waste prevention policies and programs

(reduced by 960,000 metric tonnes CO<sub>2</sub>e)

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

### National energy mix



# Climate hazards

## Vulnerability assessment

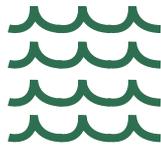
Paris's strengths and weaknesses facing climate change | 2014

**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**

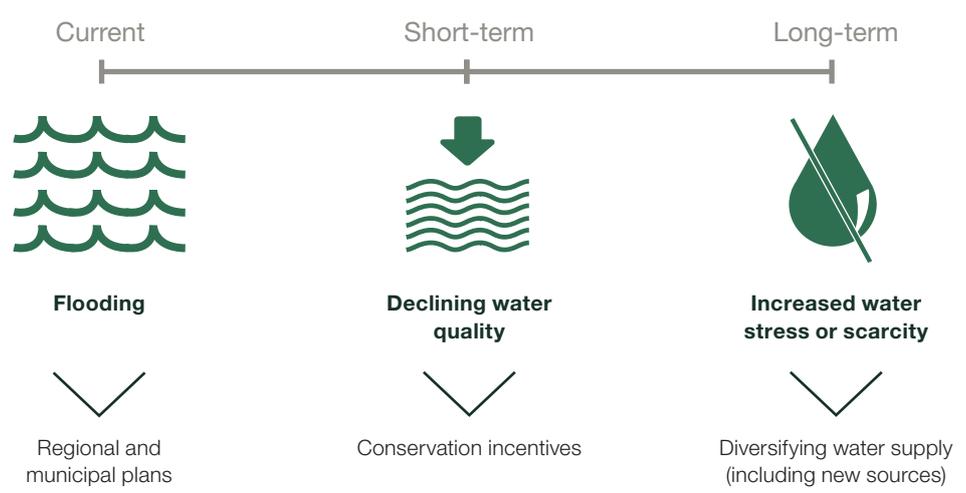
Tree planting and/or creation of green space



**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



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