

Gladsaxe

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 Gladsaxe as a climate leader. This document contains the questionnaire data provided to CDP from Gladsaxe as part of its 2016 CDP submission.

Gladsaxe, Denmark

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Years disclosing to CDP

Population

66,656



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



Gladsaxe is a suburb of Copenhagen in the eastern part of Denmark. Denmark consists of 98 municipalities, divided into 5 regions. With 67,300 inhabitants, Gladsaxe is one of the larger municipalities. In the early years of the last century, when Copenhagen became overcrowded with inhabitants and factories, Gladsaxe changed from being a small town on the outskirts of Copenhagen into being a suburb.

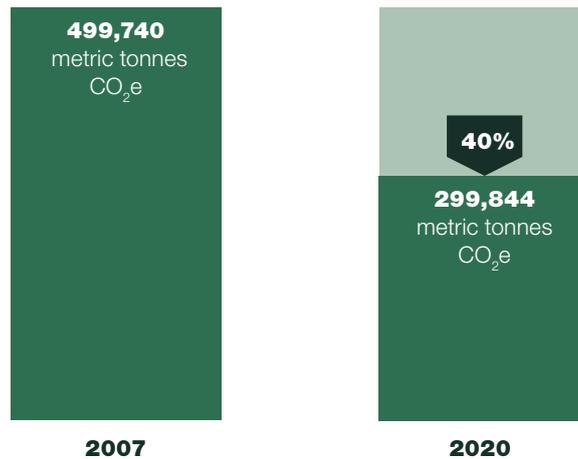
Mitigation

Climate Action Plan

CO₂ Plan | 2013

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

Total community emissions trend and target



14

activities being
undertaken to
reduce emissions

Top 3 emissions reduction activities



Buildings

Building performance rating
and reporting



Community-scale development

Green space and/ or biodiversity
preservation and expansion

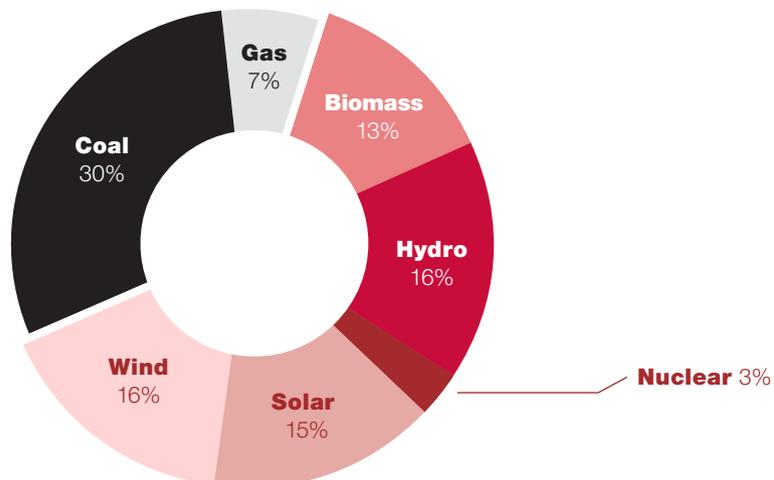


Buildings

Switching to low-carbon fuels

**By 2035 Gladsaxe
Kommune aims to
source 100% of its total
energy from renewable
energy means**

Energy mix



Climate hazards

Vulnerability assessment

Climate Change Adaptation Plan – Risk Assessment | 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



Flash/surface flood

Flooding of commercial and residential areas results in damage to property. This creates the need for rehousing and impacts or production ability and thereby profit revenue.

Top 3 assets / services affected by climate hazards



Commercial



Transport



Residential

The Intergovernmental Panel on Climate Change (IPCC) has prepared various scenarios of climate changes, which Denmark's Meteorological Institute (DMI) has adjusted for Danish circumstances. In the most established scenario, A1B, DMI expects that the annual precipitation will increase by approximately 7 % by 2050, and that in 2100 it will have increased by 14 %. The precipitation will especially increase during the winter, while the overall summer precipitation will decrease. In return, the summer precipitation will include more powerful flash floods.

Adaptation

Adaptation Plan

Climate Change Adaptation Plan | 2014

Gladsaxe Municipality's first Climate Change Adaptation Plan is about how we prevent damages and inconveniences caused by powerful flash floods. It also focuses on how we can, to a greater degree, promote that the "everyday rain" is handled on the surface instead of burdening the sewers.

The plan describes the municipality's objectives for climate change adaptation. It identifies where the greatest risk of flooding is. It identifies 13 areas where we will prioritise our efforts and establish a sequence of efforts in the 13 areas. The plan has an action plan with concrete actions up until 2018. Some actions target the identified areas, other actions go beyond this and cover the entire municipality. The plan overall describes which climate change adaptation solutions one can use in the 13 areas, and it has an idea catalogue that describes the different types of solutions.

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action is being undertaken to reduce risk from climate hazards

Adaptation actions taken for the top climate hazards



Flash/surface flood

Storm water capture systems

Economic opportunities

The aim of Gladsaxe Town Council is to create a municipality that is business-friendly, with attractive industrial areas and with a broad variety of companies working in a wide range of branches. The Town Council wishes to attract businesses that are innovative and friendly to the environment. The municipality of Gladsaxe has a long history of creating favourable business conditions, and has been home to several of the largest companies in Denmark for decades, among them Novo Nordisk. Only 15-20 percent of the people living in Gladsaxe work within the geographical area of the municipality. Thus, many people commute out of the municipality each day, while approximately 29,000 people commute into Gladsaxe each day. The vision of Gladsaxe Municipality: Gladsaxe Municipality must work for its citizens, now and in the future, to live independent, active, healthy and responsible lives, for the benefit of the individual, as well as society. This requires a local community that is in balance both socially and environmentally. It requires a well-functioning municipality with a balanced economy. The Greater Copenhagen Collaboration: The Greater Copenhagen Collaboration is a political platform for promoting regional collaboration and economic growth. The mayors and regional chairpersons of Eastern Denmark lead the Collaboration. In close dialogue with business and other key players in Greater Copenhagen, the Greater Copenhagen Collaboration launches strategic initiatives to generate economic growth and create jobs in Greater Copenhagen.



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