



The Bridge to a **Green Future**

Climate Action Plan 2023

Her er Børnenes Hovedstad



BILLUND
KOMMUNE





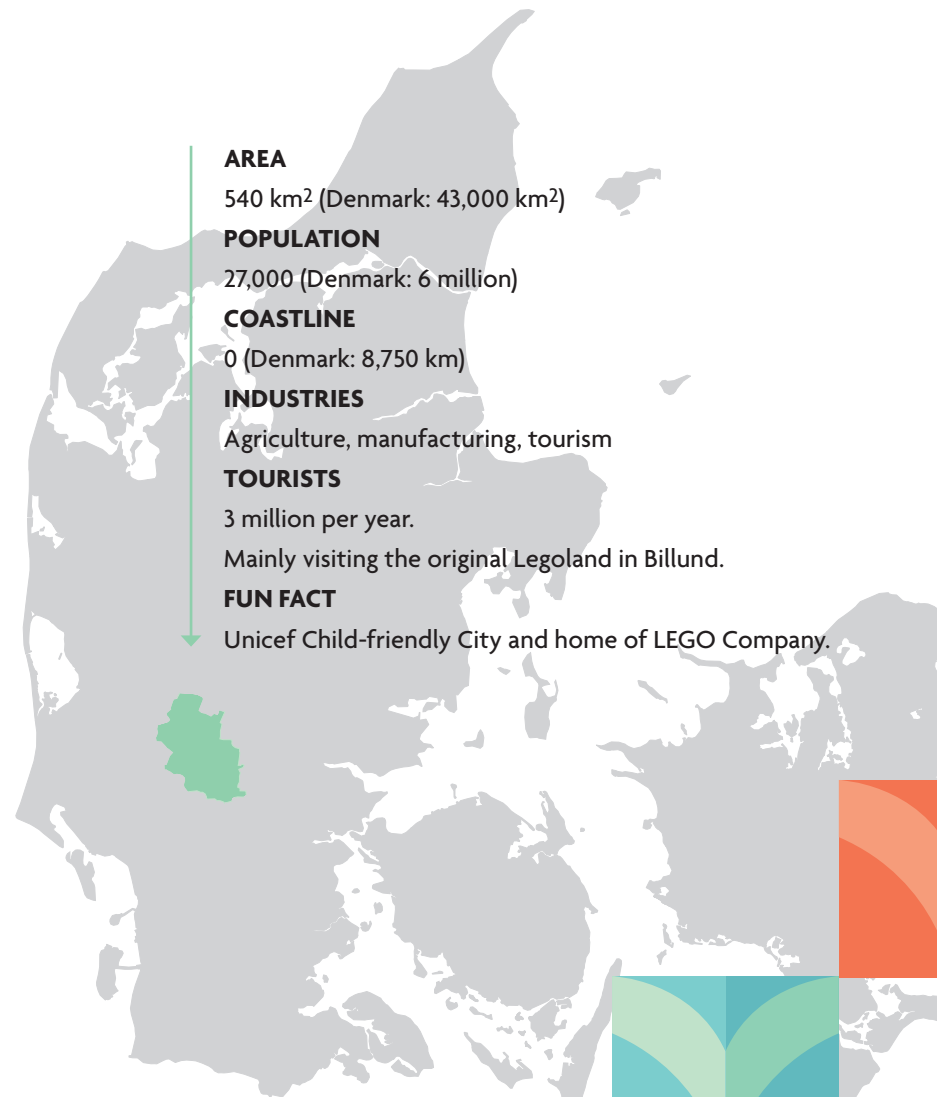
A Climate Action Plan for Everyone in Billund Municipality

Everyone needs to contribute to achieving the goal of reducing greenhouse gas emissions and adapting to climate change.

Support for Objectives

The municipal council has decided to align with the goals of the Paris Agreement, aiming to be emissions neutral by 2050 and to adapt to a warmer and wetter climate.

We aim to reduce greenhouse gas emissions by 70 percent by 2030 compared to the 1990 level. By 2050, we will not emit more greenhouse gases than we absorb. This means that we will achieve emissions neutrality within the municipality's borders.



Commun Action Ownership

Billund Municipality has a special responsibility to take the lead in actions that reduce greenhouse gas emissions. Therefore, we want to assess the carbon footprint of services and administration as a means to guide us on this journey.

Government, administration, and agricultural and other businesses as well as citizens must collaborate to achieve the goal of emissions neutrality by 2050.

To facilitate this, we are entering into binding partnerships with various sectors, and the first ones are already translating intentions into action.

Citizens' habits and behaviors also play a crucial role in reducing emissions in the coming years. The way we transport ourselves, heat our homes, the things we buy, the food we eat, and the electricity we use significantly impact emissions. Therefore, citizens' climate communities are another cornerstone of the climate action plan.

Additionally, the municipality can promote a climate-friendly agenda through planning, policy making, and practices. Public ownership of utility companies, transportation services, and airports provides an opportunity to influence towards reducing emissions.

Climate Partnerships

Partnerships with agriculture, the energy sector, associations, and various other industries are central to the realization of the climate action plan.

We collaborate with business and interest organizations as well as civil society organisations and advocacy groups to establish partnerships that can lead to both innovation and reduction of GHG emissions.

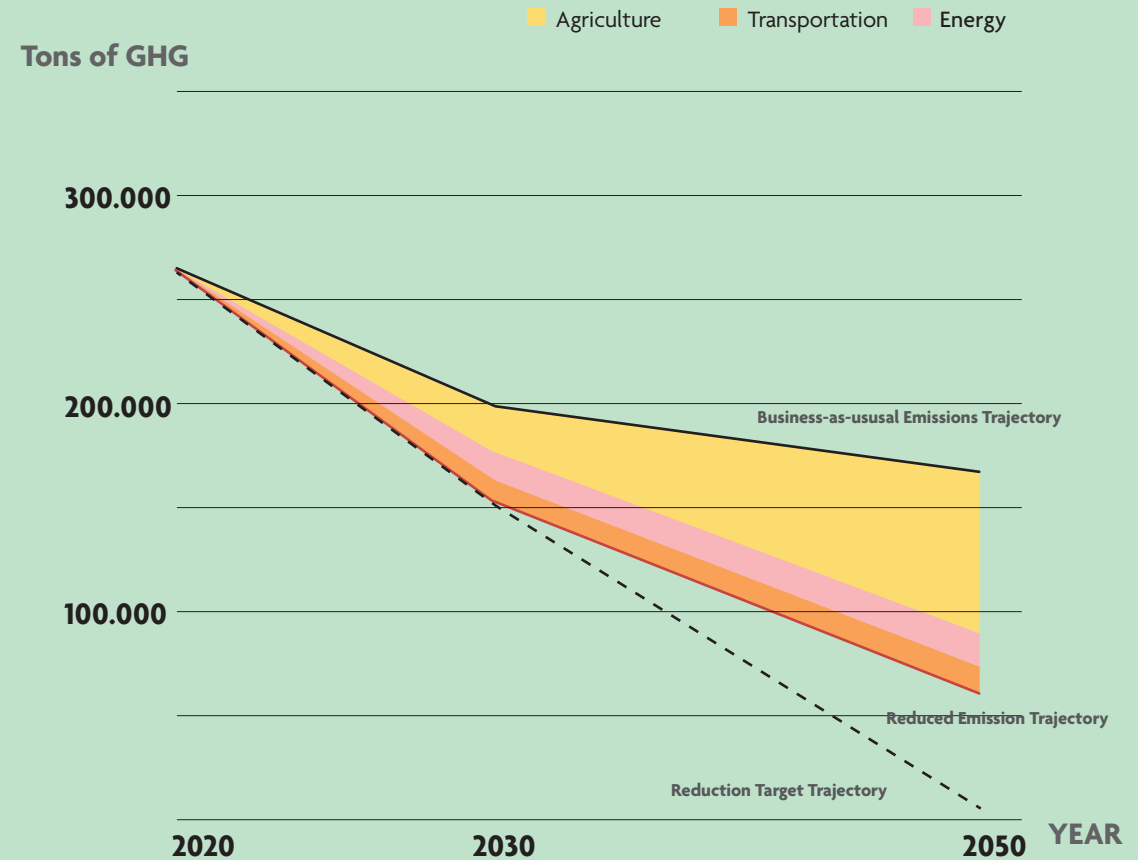
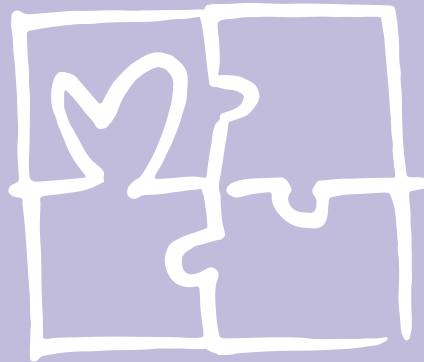


Climate Communities

Citizens' climate communities anchor the climate action plan in local areas, where groups of citizens can receive support for establishing communities for climate action.

In climate communities citizens work on meaningful local projects

- Restoring nature
- Sharing economy (carpooling, group purchases, exchange and lending)
- Food communities
- Repair café
- And so on.



Goals for Greenhouse Gas Emission Reduction

Billund Municipality's emissions of greenhouse gases are to be reduced by 70 percent by 2030, and we aim to achieve emissions neutrality by 2050. The large doughnut illustrates the amount of emissions in 2020, the second-largest doughnut represents the target reduction for 2030, and the smallest indicates our expected progress by 2050. The 2050 doughnut is not as small as we aim for, but we are working to find the solutions and actions needed to reach net-zero emissions.

What's included and what's not included in our assessment?

Emissions that occur within the municipal borders are included in Billund Municipality's calculation of emissions and the associated reduction goal.

Consumer goods, items, food, travel, internet usage, etc., that are produced or have an emissions impact outside the municipality, such as in a completely different country, are not included in the calculation.

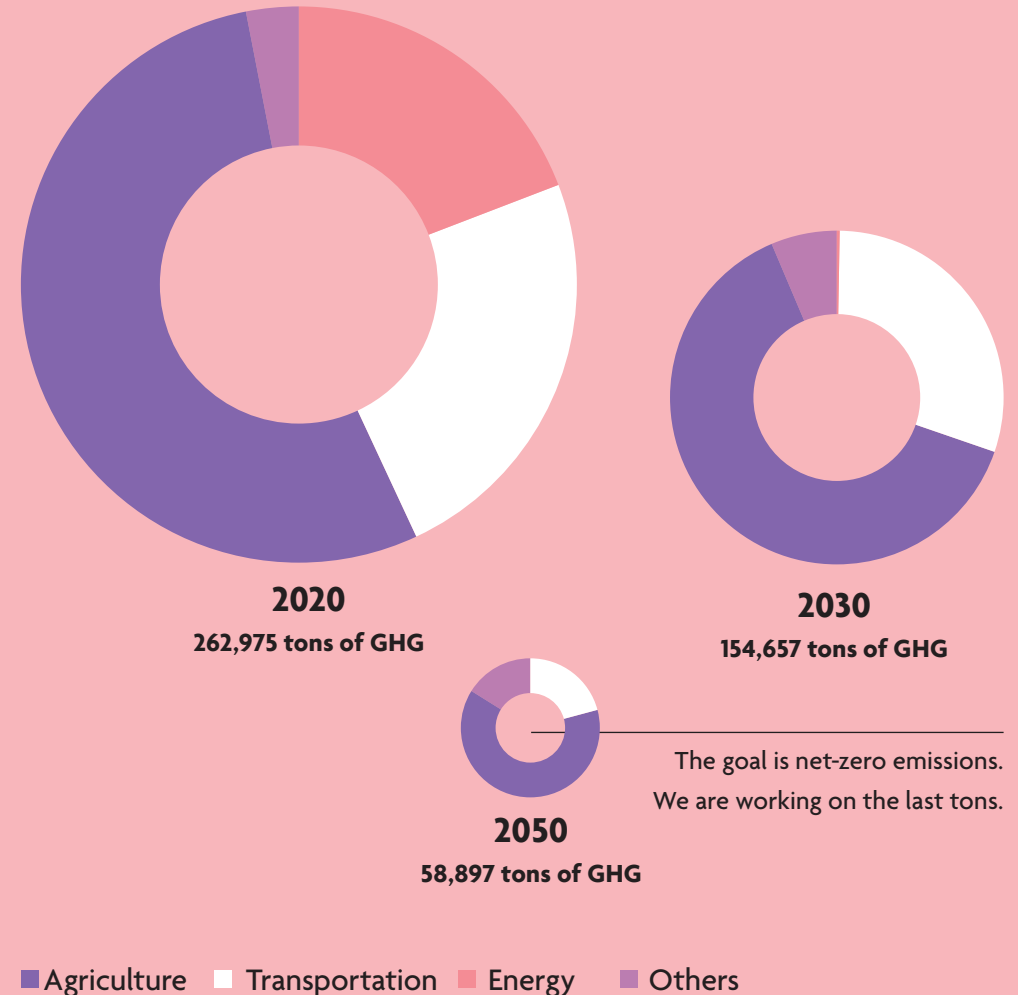
These emissions can only be reduced by changing consumer habits, both in the public sector, in the business sector, and as individuals.

Each citizen in Denmark is responsible for greenhouse gas emissions, averaging:

Vacation flights: 1 ton of GHG

Food and drinks: 3 tons of GHG

Goods and belongings: 4-5 tons of GHG



Goals for Climate Adaptation and Resilience

Billund Municipality aims to be resilient against potential climate hazards. Both those we experience today and those we anticipate in the future. Therefore, we have set the following goals for climate adaptation:

Climate Hazard from Flooding and Groundwater

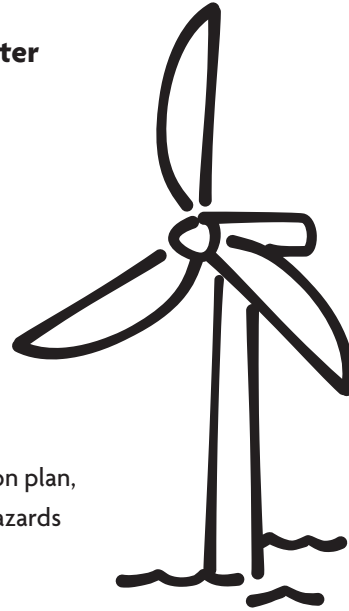
We will prioritize the protection of existing values.
We will plan and build smartly to protect future values.

Climate Hazard from Heat

We will ensure well-being for vulnerable population groups and for the employees ensuring citizens' daily well-being.

Future Climate Hazards

We will revise and regularly update the climate adaptation plan, incorporating new knowledge about potential climate hazards such as wind and drought.



Goals for Wider Benefits

The climate action plan should contribute to more than just making us an emissions neutral and resilient municipality. It will be measured against three additional bottom lines, within themes that are particularly relevant in Billund Municipality:

Social Benefits

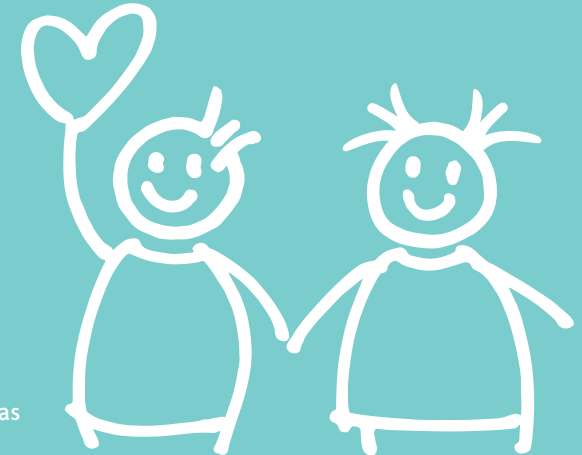
Climate-smart children and young people
Healthy and active citizens
Inclusive communities

Economic Benefits

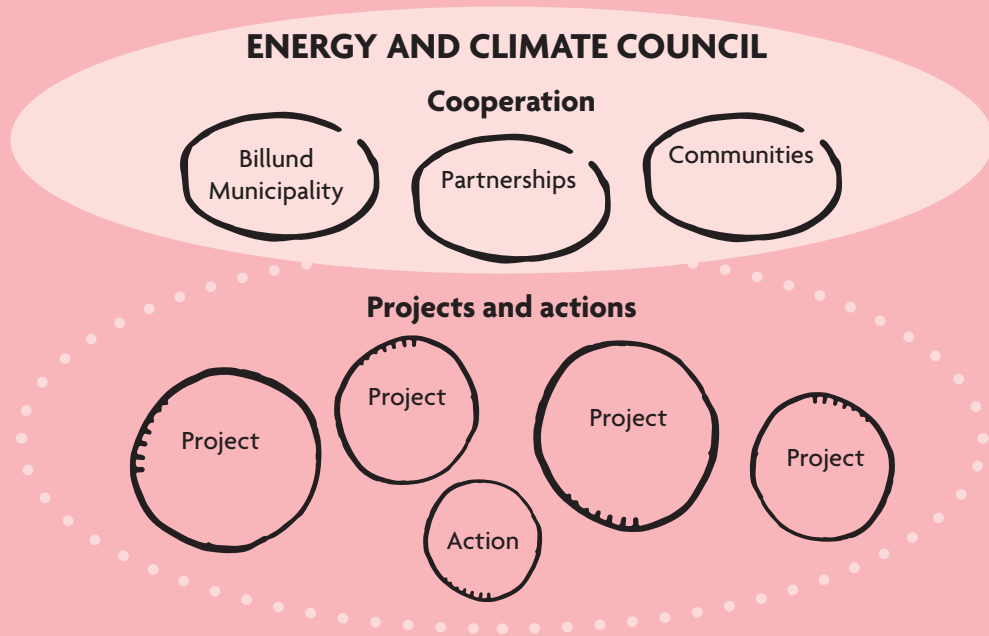
Billund on the green world map
Strengthened green job opportunities
Robust private economy

Environmental Benefits

Greening and biodiversity in urban areas
Boosting nature tourism
More nature and biodiversity



Climate Action Governance



Climate Action Team

We have established a climate action team to coordinate projects and climate actions - and, importantly, to organize collaboration with external stakeholders and keep us on track with our goals.

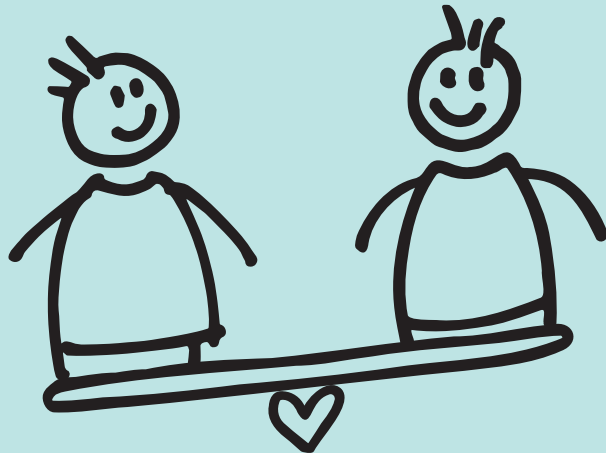
The Climate Action Team can be contacted at klima@billund.dk and on special occasions at the town hall, citizen service, or the library when we hold open meetings for citizens, associations, and businesses.



How Climate Action is Funded

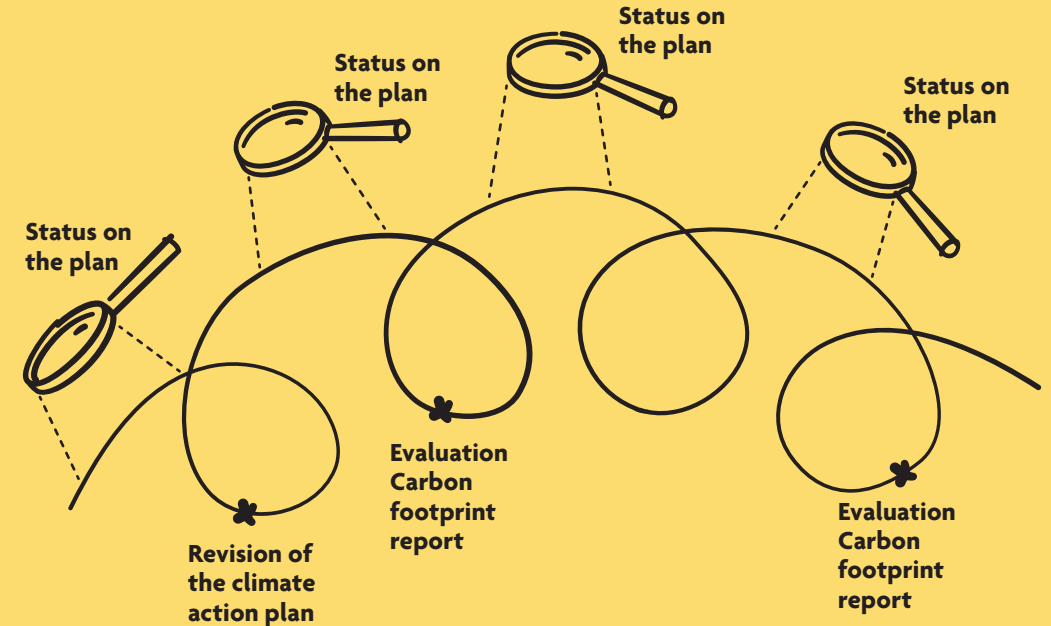
The municipal council has allocated 15 million DKK (approximately 2,2 million USD) in the budget for the first four years of the climate action plan's duration. The funds will be used to finance municipal infrastructure investments and personnel resources to establish and facilitate partnerships for climate action.

Additionally, funds can be earmarked through budget negotiations and personnel allocations for climate-related tasks. Financing for private initiatives occurs at the expense of businesses and citizens. Additionally, grants and foundations can be sought for support.



How We Follow Up on the Climate Action Plan

The climate action plan is revised every four years. On billund.dk/klima, you can learn more about the background and initiatives in the climate plan. Also, find news about projects, activities, partnerships, and results.



The Future of Billund Municipality

We will work towards a emissions neutral future because our children and future generations should have the opportunity to unfold their potential wisely and creatively in a world where we do not overexploit resources, and where people can lead good lives in meaningful communities.

Therefore, the municipal council has set a goal for 2050 of net-zero emissions of greenhouse gases and of continuously adapting to the consequences of climate change that will affect us in the years to come.

We want to provide citizens and businesses with the necessary reassurance and security so that we can continue to be a municipality with strong cities, timely welfare, and growth in the business sector.



www.billund.dk/klima

Billund Kommune
Jorden Rundt 1
7200 Grindsted
Denmark

Her er Børnenes Hovedstad



BILLUND
KOMMUNE