

**HAN
NOV
ER** 

*Developing
new ideas*

*Energy from sun,
wind and water*

Who if not us?

Mobility transition

Climate change and climate protection affects us ALL.

**Climate
PROTECTION
PROGRAMME**

with a  **PROGRAMME**

**STATE CAPITAL
HANOVER**



ACHIEVING CLIMATE NEUTRALITY

The state capital of Hanover is committed to climate policy as a municipal task. The council has decided that our city should become climate-neutral by 2035.¹

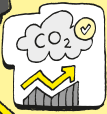
An ambitious goal that the administration is actively supporting. You can find a summary of how Hanover can achieve this in the 10-point programme.

A catalogue of measures with 53 proposals has been drawn up for implementation: Ongoing projects, those that will be implemented in the next few years and proposals for which there are initial considerations.

.....

¹ Resolution printed matter 2469/2019
“Climate policy as a municipal task”

53
measures



TARGET:
climate-neutral
by 2035

Heat demand down!

Up with renewable energy and waste heat utilisation!

But how?

FOR EXAMPLE:

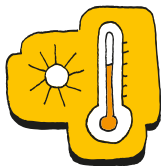
HEAT PUMPS

OR: district heating

energy-efficient refurbishment of existing buildings



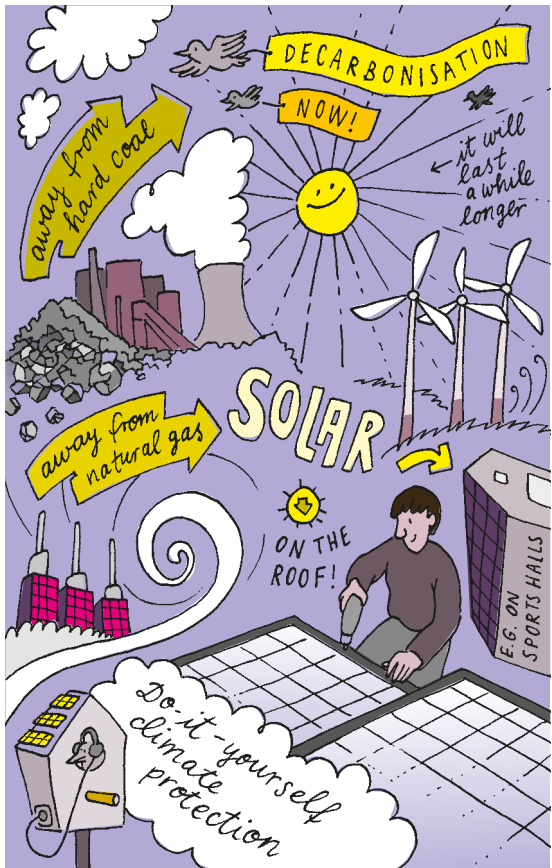
1. ACCELERATE THE HEATING TRANSITION



Significantly reducing heating requirements and making much greater use of renewable energy sources and waste heat are the steps towards a climate-neutral heating supply for Hanover.

To achieve this, the building stock must be modernised so that less energy is consumed. Additional advisory services for homeowners and easier implementation are intended to promote this. Concepts for supplying heat to individual streets, residential areas or neighbourhoods should be further developed.

Natural gas or oil heating systems should be replaced by climate-neutral district heating or heat pumps. Consultancy, funding incentives and service offers for economical and efficient heating systems will be expanded.



DECARBONISATION

NOW!

← it will last a while longer

away from hard coal

away from natural gas

SOLAR

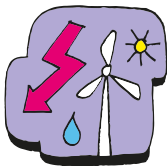
ON THE ROOF!

E.G. ON SPORTS HALLS

Do-it-yourself climate protection

2. EXPAND RENEWABLE ENERGIES

This reduces greenhouse gas emissions and makes our energy supply more independent.



Hanover still has great potential for expansion, especially in solar energy systems: On facades, on the roofs of buildings, warehouses and sports halls. The enercity PLC continues to drive forward climate-friendly energy generation.

It also advises homeowners, companies and sports clubs on how they can generate their own electricity and heat.

a "city
of short
distances"

fewer cars:
more space
for people

SHARING
INSTEAD
OF HAVING

MOBILITY
TURNAROUND



3. ADVANCING THE MOBILITY TRANSITION

In Hanover today, traffic is responsible for around 22 per cent of all greenhouse gases. Most of this comes from the exhausts of diesel and petrol cars and from road freight transport.



Achieving the mobility transition means consistently prioritising the emission-free and climate-neutral transport of people and goods. The expansion of the cycling infrastructure with cycle routes and paths is being driven forward.

At the same time, there is an opportunity to make Hanover more attractive for the people who live here: By redistributing traffic areas for all users. By reorganising freight transport in a climate-friendly way and promoting climate-neutral mobility.



BETTER
COMPOST

LESS
ARTIFICIAL
FERTILISER

UNSEAL THE SOIL

The forest is a carbon store

what helps?

REWETTING THE MARS

4. EXPANDING NATURAL CARBON RESERVOIRS

Hanover's trees and forests absorb climate-damaging carbon dioxide (CO₂) and act as natural carbon reservoirs, just like undeveloped soil.



More greenery in the city and unsealed surfaces also increase the quality of life. How these natural climate protection components develop will be precisely recorded in future in order to plan their protection, replanting or unsealing in an even more targeted manner.

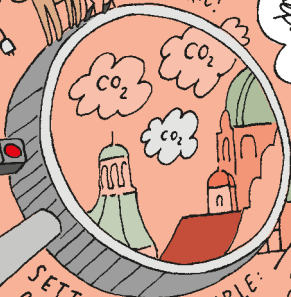
Other reservoirs for greenhouse gases, such as the Altwarmbüchen moor or ecological agriculture in the urban area, will be further promoted through projects.

Fleet preferably electric and shared



HANOVER GOES ELECTRIC!

Energy efficiency
and smart investment



SETTING AN EXAMPLE:
CLIMATE NEUTRAL
CITY ADMINISTRATION

by 2030!

Intelligent street lighting



5. IMPLEMENTING A CLIMATE-NEUTRAL CITY ADMINISTRATION BY 2030

The city administration takes a close look at its own energy consumption, energy production and greenhouse gas emissions.



Based on this analysis of the current situation, new targets for a climate-neutral city administration by 2030 are formulated with corresponding implementation steps: This concerns the city's own building stock and properties, the city's IT systems, street lighting, the city's vehicles and much more.



6. GREATER INVOLVEMENT OF URBAN SOCIETY

The people who live in Hanover should be more closely involved in the dialogue and implementation of climate protection projects. They can contribute their interests and expertise

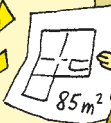
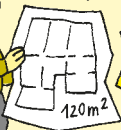


to politics and administration via a climate council. Collective counselling services enable people to exchange information and their own experiences.

At the same time, topics relating to qualification and further training as well as the forward-looking, socio-ecological orientation of companies can be coordinated there.

Special incentives are possible through competitions, such as the “Sustainable Mobility Hanover” prize.

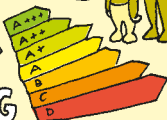
Adapt flat sizes



A+++



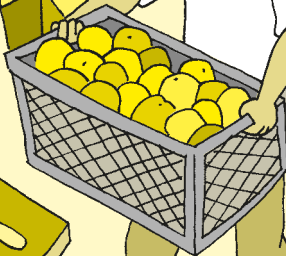
ENERGY SAVING CHECK



GOAL:

Halve food waste

Food SHARING



7. STRENGTHENING EDUCATIONAL WORK FOR CLIMATE PROTECTION

Energy-saving tips are particularly successful when they meet with motivated and informed users.



This requires appropriate educational programmes:

whether tips for saving energy in private households, in public facilities, climate protection through adapted flat sizes or through the sustainable use of food.

Such topics will be incorporated even more strongly into the programmes offered by the city and environmental education institutions in Hanover and others will be developed.



Analyse

ACTUAL STATE

TARGET STATE

our electricity comes from the roof!

reduce

optimise
PROCESSES

really tasty!
climate neutral
bread rolls

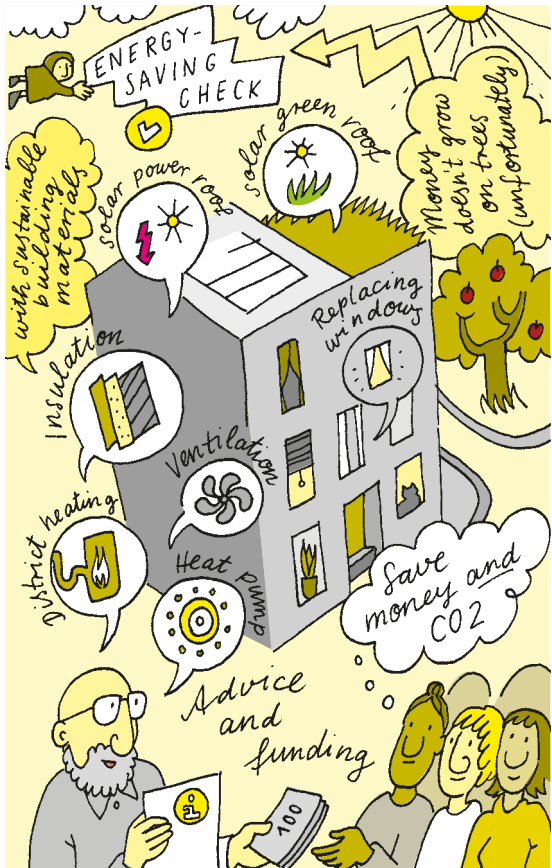
ENERGY EFFICIENCY CHECK

8. CLIMATE-FRIENDLY BUSINESS

Climate change and rising energy prices pose enormous challenges for the local economy: Production, products and services must therefore be designed to be significantly more energy-efficient and climate-friendly.



For small and medium-sized companies, the well-known e.coBizz programme is to be expanded into e.coBizz 2.0: Like Ökoprofit for large companies, it offers advice and support towards climate-neutral, sustainable companies in terms of supply chains, resources and products.



ENERGY-SAVING CHECK

with sustainable building materials

solar power roof

solar green roof

Money grow doesn't grow on trees (unfortunately)

Insulation

Ventilation

District heating

Heat pump

Replacing window

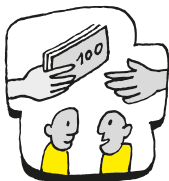
Save money and CO2

Advice and funding

100

9. EXPANDING ADVISORY AND FUNDING PROGRAMMES

The Hanover Region Climate Protection Agency and the energy fund proKlima are two renowned advisory and funding organisations. The sharp rise in demand for advice can only be met by expanding the range of services on offer.

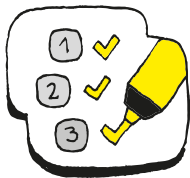


The services are focussed on multi-family houses owned by owner associations or in private ownership, sustainable building materials, systems for the use of renewable energy, advice on downsizing living space and the socially responsible implementation of the energy transition.



10. REVIEWING THE IMPLEMENTATION OF CLIMATE PROTECTION TARGETS

The assessment of climate protection projects and implementation steps requires the definition of targets with a performance review.



Interim targets for the years 2025 and 2030 are agreed upon and opportunities for subsequent adjustments are planned.

Detailed information on the climate protection programme can be found at:

www.hannover.de/klimaschutzprogramm

Landeshauptstadt

Hannover

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Find out more about the
Hanover Climate Protection
Programme and the catalogue
of measures here.

www.hannover.de/klimaschutzprogramm