

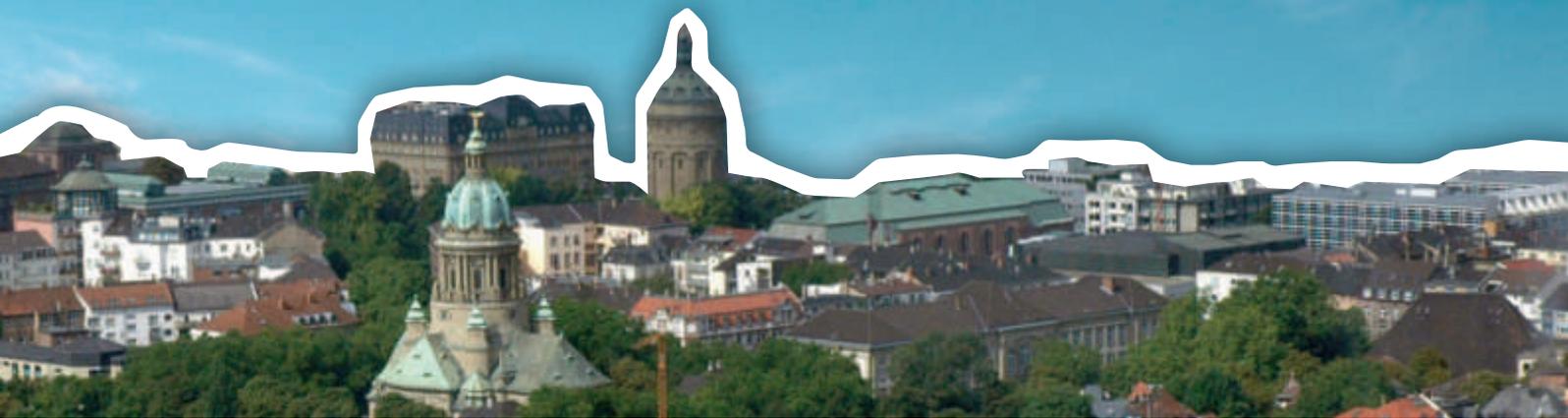
ROLE MODEL CITY

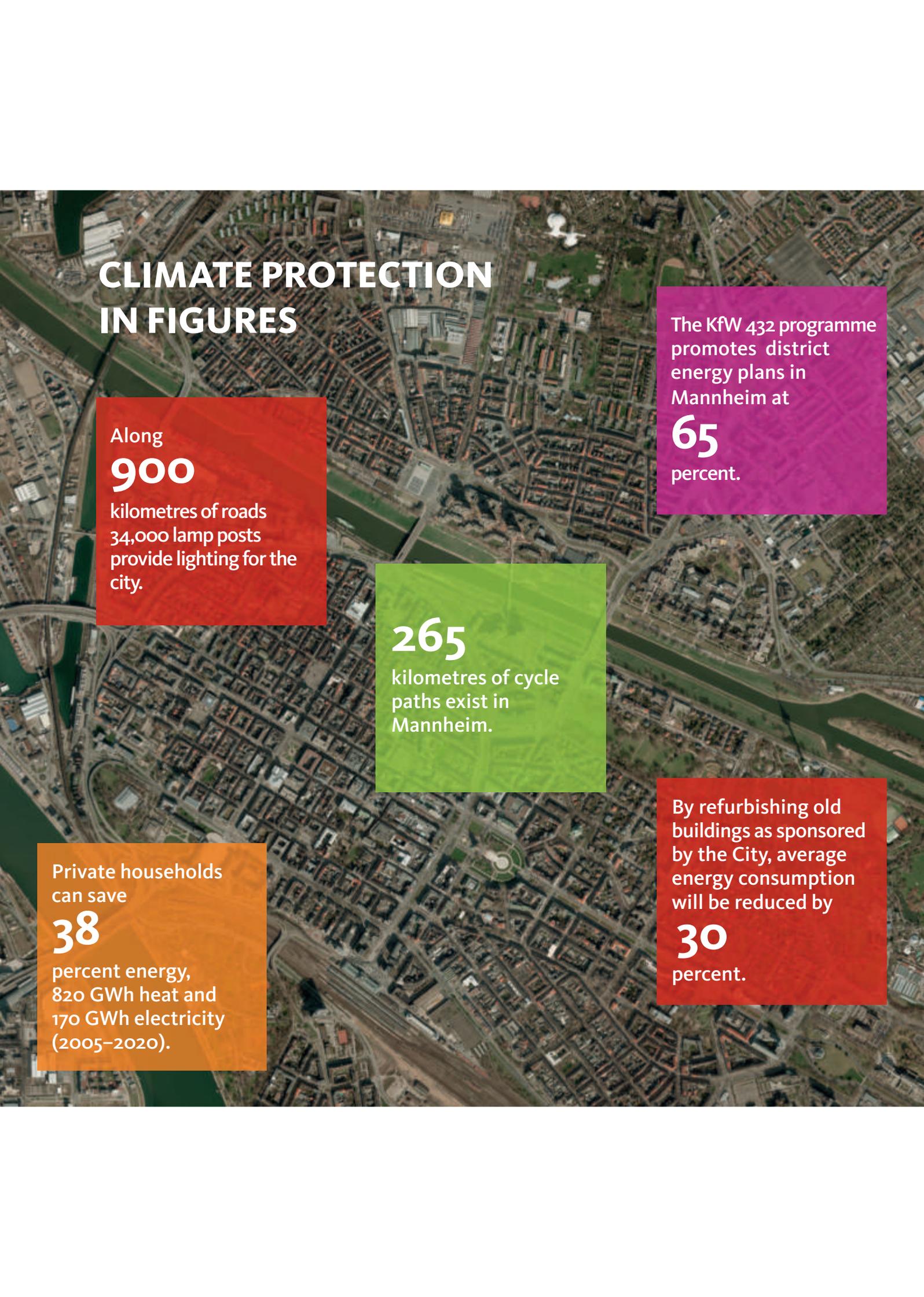
SUSTAINABLE DISTRICT

LOCAL COMMITMENT

ACTIVE BUSINESSES

MANNHEIM AUF KLIMAKURS





CLIMATE PROTECTION IN FIGURES

Along

900

kilometres of roads
34,000 lamp posts
provide lighting for the
city.

The KfW 432 programme
promotes district
energy plans in
Mannheim at

65

percent.

265

kilometres of cycle
paths exist in
Mannheim.

Private households
can save

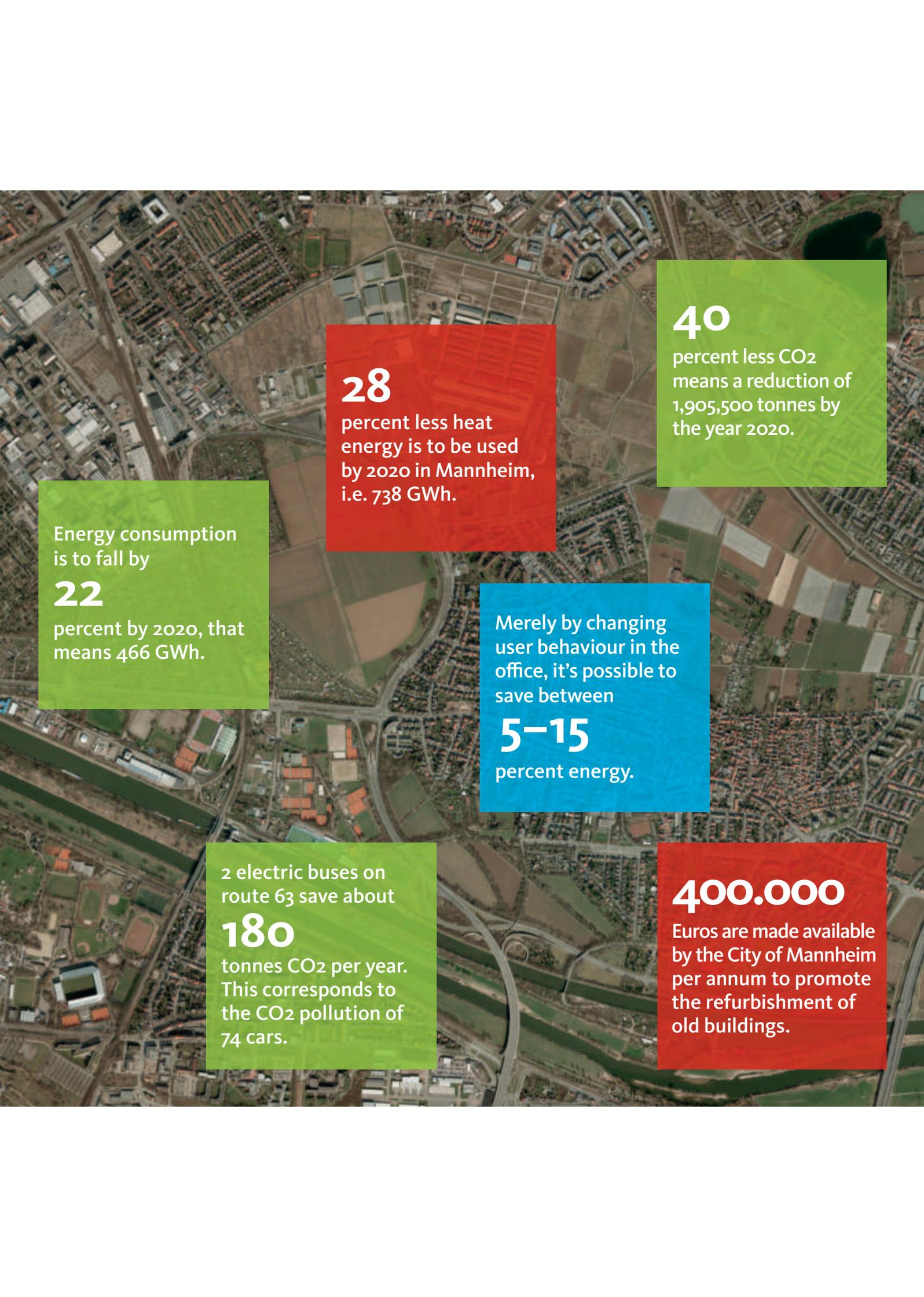
38

percent energy,
820 GWh heat and
170 GWh electricity
(2005–2020).

By refurbishing old
buildings as sponsored
by the City, average
energy consumption
will be reduced by

30

percent.



Energy consumption
is to fall by

22

percent by 2020, that
means 466 GWh.

28

percent less heat
energy is to be used
by 2020 in Mannheim,
i.e. 738 GWh.

40

percent less CO₂
means a reduction of
1,905,500 tonnes by
the year 2020.

Merely by changing
user behaviour in the
office, it's possible to
save between

5-15

percent energy.

2 electric buses on
route 63 save about

180

tonnes CO₂ per year.
This corresponds to
the CO₂ pollution of
74 cars.

400.000

Euros are made available
by the City of Mannheim
per annum to promote
the refurbishment of
old buildings.

MANNHEIM ON CLIMATE PATHWAY

With its 2020 climate protection scheme, the local council has decided on an ambitious climate pathway with the aim of reducing local CO₂ emissions by 40 percent by 2020. The City of Mannheim is actively committing itself to greater climate protection under the slogan “MANNHEIM ON CLIMATE PATHWAY” and wants to bundle energy and climate protection political measures strategically and make them much more visible.

With its position as a major conurbation and regional metropolis of the Rhine-Neckar region, the City of Mannheim considers itself to be in a special position and with special responsibility to implement innovative concepts for the supply of energy, efficient construction and sustainable mobility as part of its climate protection strategy and in doing so drive urban development ecologically.

The City is supporting this process and is committed to implementing specific projects. The Climate Protection Head Office plays an important active urban role as far as management is concerned together with the Mannheim Climate Protection Agency.



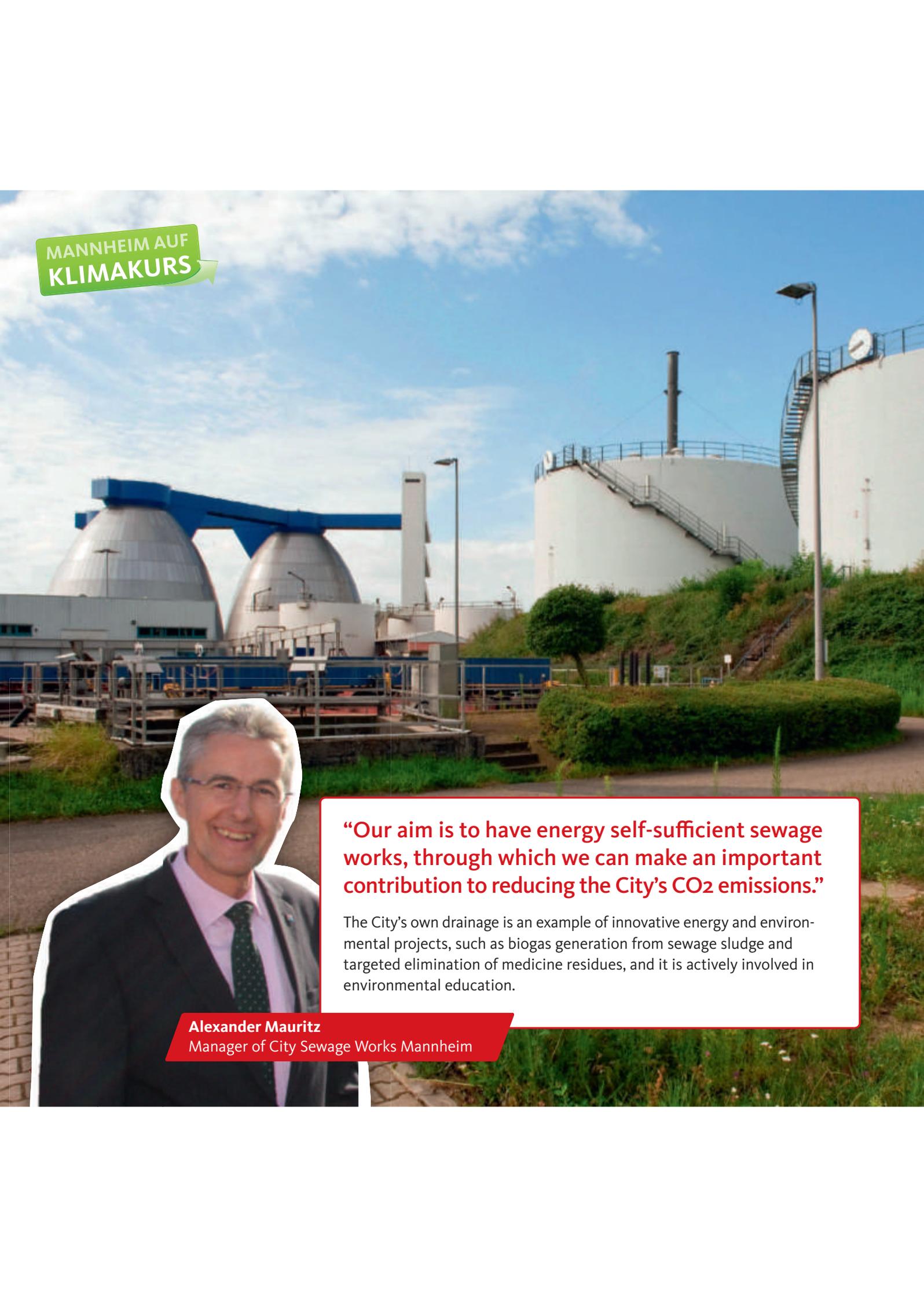
Felicitas Kubala
Environmental mayor

SPHERES OF ACTIVITY

The City wants to strengthen the connection between participants, stakeholders, partners and experts and bundle and highlight the opportunities for advice, funding schemes and scope of action. The City is focusing on its own effect as a role model (**Role model City**), sustainable district development (**Sustainable district**), strengthening climate protection awareness and commitment (**local commitment**) as well as the dedication of companies to sustainable economic activity (**Active businesses**).

The aim of the „MANNHEIM ON CLIMATE PATHWAY“ strategy is to network stakeholders, strengthen cooperation and communication as well as enable broad-based involvement and participation.



A photograph of the Mannheim Sewage Works, featuring large white cylindrical tanks, blue walkways, and a clear blue sky with light clouds. In the foreground, a man in a suit is smiling.

**MANNHEIM AUF
KLIMAKURS**

“Our aim is to have energy self-sufficient sewage works, through which we can make an important contribution to reducing the City’s CO₂ emissions.”

The City’s own drainage is an example of innovative energy and environmental projects, such as biogas generation from sewage sludge and targeted elimination of medicine residues, and it is actively involved in environmental education.

Alexander Mauritz
Manager of City Sewage Works Mannheim

ROLE MODEL CITY

The City intends to concentrate its actions on making climate protection a cross-over topic where the entire City's administration takes responsibility. This means networking and implementing urban climate protection activities in all the main spheres of activity such as energy, mobility and conserving resources. The focus of Mannheim's climate protection strategy is its effect as a role model with its own properties and climate-friendly urban development.

ACTIVITIES AND PROJECTS

- Climate protection as a topic of discussion with the series of events called "MANNHEIM ON CLIMATE PATHWAY – Consultations"
- High climate protection standards for town planning
- High energy standards for the City's own buildings
- Energy management and refurbishment timetables for the City's own buildings
- FlurfunkE: "Energy and climate protection" action programme for the city council
- Energy efficient street lighting, gradual conversion to LED technology
- Expansion of renewable energy in the City's own properties
- Supplying the city council with green electricity
- Job tickets, car sharing and service bicycles, CO₂-free business trips by Deutsche Bahn
- Involvement in regional and European networks such as Klimaschutz-Bündnis e. V., Konvent der Bürgermeister and EUROCITIES



MANNHEIM AUF
KLIMAKURS

“We want to demonstrate potential savings, make positive examples visible locally and help by providing advice for their implementation.”

The refurbishment management team is involved in implementing the district concepts for urban energy refurbishment in Käfertal. It wants to create a climate-friendly district together with the inhabitants, businessmen and public stakeholders.

Sebastian Bohnet

Energy advisor Climate Protection Agency Mannheim

SUSTAINABLE DISTRICT

The City is promoting climate-friendly district development and is involved in a large number of local campaigns and projects. An overview of the district opens up new potential for the energy redevelopment process, greater energy efficiency and innovative mobility schemes. The key to success is to win over all the relevant stakeholders for the implementation of integrated district schemes hand in hand with driving forward climate-friendly urban development with the special challenge of the areas to be converted.

ACTIVITIES AND PROJECTS

- Integrated district schemes “Energy-related urban redevelopment” with subsequent redevelopment management, examples “Käfertal centre” and “Friedrichsfeld centre”
- Energy advice in the district: Energy ExtraTour for private home-owners, businesses and public bodies
- Funding programme by the City of Mannheim on energy refurbishment with a district approach
- Climate-friendly model districts, examples “Beim Hochwald” and “Glückstein district”
- Promotion of flagship projects in the district
- Sustainable mobility in the district
- Climate-conscious living in the district
- Neighbourhood green spaces in the district



**MANNHEIM AUF
KLIMAKURS**



“The world needs new heroes, who lead the way and show what a responsible approach to our planet looks like.”

It's important to promote the commitment of children and young people to climate protection. New products are created from old materials in schools by communal upcycling. This is fun and makes a contribution to conserving resources.

Katarina Ressel und Caroline Golly
Project managers Climate Protection Agency

LOCAL COMMITMENT

For climate protection to be successful, it must appeal and energise all the stakeholders in urban society. The City sees itself as instigator and platform for everyone who shows commitment and wants to incorporate their own ideas. Climate protection is associated with many sectors of everyday life. Whether it's at work, at home, as a tenant or home-owner, in school, at nursery, in a club, in the Church congregation or in associations and organisations – climate protection is possible everywhere at a local level.

ACTIVITIES AND PROJECTS

- Environmental education for children and young people, “Climate heroes” project in schools and “Heroic acts for the climate” competition
- Environmental prize from the City of Mannheim to alternating environmental and climate protection topics
- “Earth Hour” campaigns
- Refurbishment and new-builds with high energy standards through private home-owners, urban funding programme for energy refurbishment
- Initiatives to save energy at home, such as energy-saving campaigns, save electricity check, scrapping incentive
- Commitment to local campaigns and events in various parts of the City
- “Energy efficiency in sports clubs” funding programme
- Participation in cycling campaigns, “Cycle to work”, “Bicycle salon”
- “GREEN ACTIONS” campaign, example of sponsoring trees
- Local renewable energy, PV plants



**MANNHEIM AUF
KLIMAKURS**



**“Environmental protection and energy efficiency
are part of our corporate policy and also bring
economic success.”**

The company won first prize at the 2014 Environment Awards for its sustainable management, commitment to the environment and special effect as a role model for projects such as biological waste water purification with a rooftop plant sewage treatment facility with its slogan “Economic activity for the future”.

Jörn Fries
Environmental Officer John Deere factory

ACTIVE BUSINESSES

Our City needs businesses, which operate ecologically and are aware of their responsibility towards the environment and the climate. There are already businesses now which have been established sustainably and understand climate protection, efficient operation and social responsibility as a single entity. However, the City wants to win over many more industrial concerns, small and medium-sized companies in Mannheim as well as the City's own enterprises for greater environmental and climate protection and make the commitment by the active businesses visible.

ACTIVITIES AND PROJECTS

- Role model projects by businesses for energy efficiency and conserving resources
- Participation in the environmental awards of the City of Mannheim
- Energy advice for trading, commercial and service companies
- Voluntary commitment of companies, Mannheim Climate Protection Alliance
- Participation in competitions and campaigns for companies
- Business mobility management
- Funding programmes for SME
- Environmental and energy management systems
- Promoting the establishment and innovation for businesses from energy, environment and mobility clusters

WHO IS COORDINATING THE CLIMATE PATHWAY?

The Climate Protection Head Office supports the integral approach to the 5 and is involved in city-wide coordination and implementation of climate protection projects. The specialist team uses cooperation structures and is actively involved in local, regional and European networks.

STADTMANNHEIM²

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“Climate protection works best, when everyone is involved.”

Agnes Schönfelder
Head of the Climate Protection Centre



WHO ADVISES ON ENERGY ISSUES?

The Climate Protection Agency Mannheim – the City’s non-profit-making energy efficiency centre – provides free advice competently and neutrally on energy and climate protection issues. The team will give information on funding opportunities and is committed locally in parts of the city to district refurbishment.



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“Everyone, everywhere can do something for climate protection.”

Tina Götsch
Managing Director of the Climate Protection Agency



A COMMON GOAL

We are on the right track. In order to continue so successfully stay on course, we need the commitment of many stakeholders in the city. Your contribution is important.

IMPRESSUM

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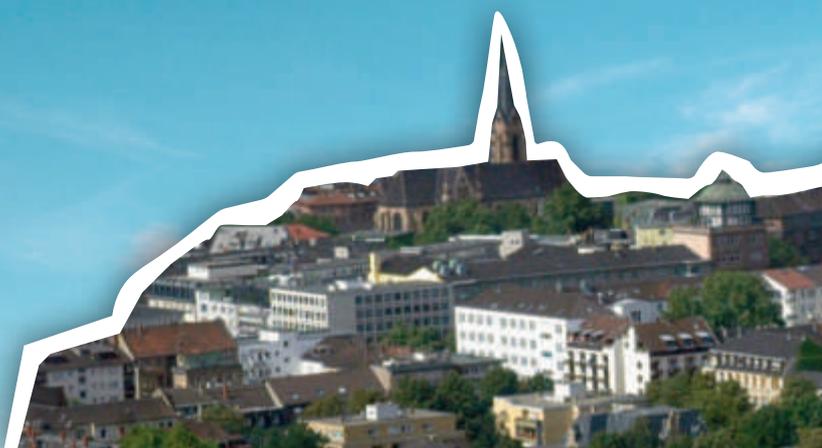
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