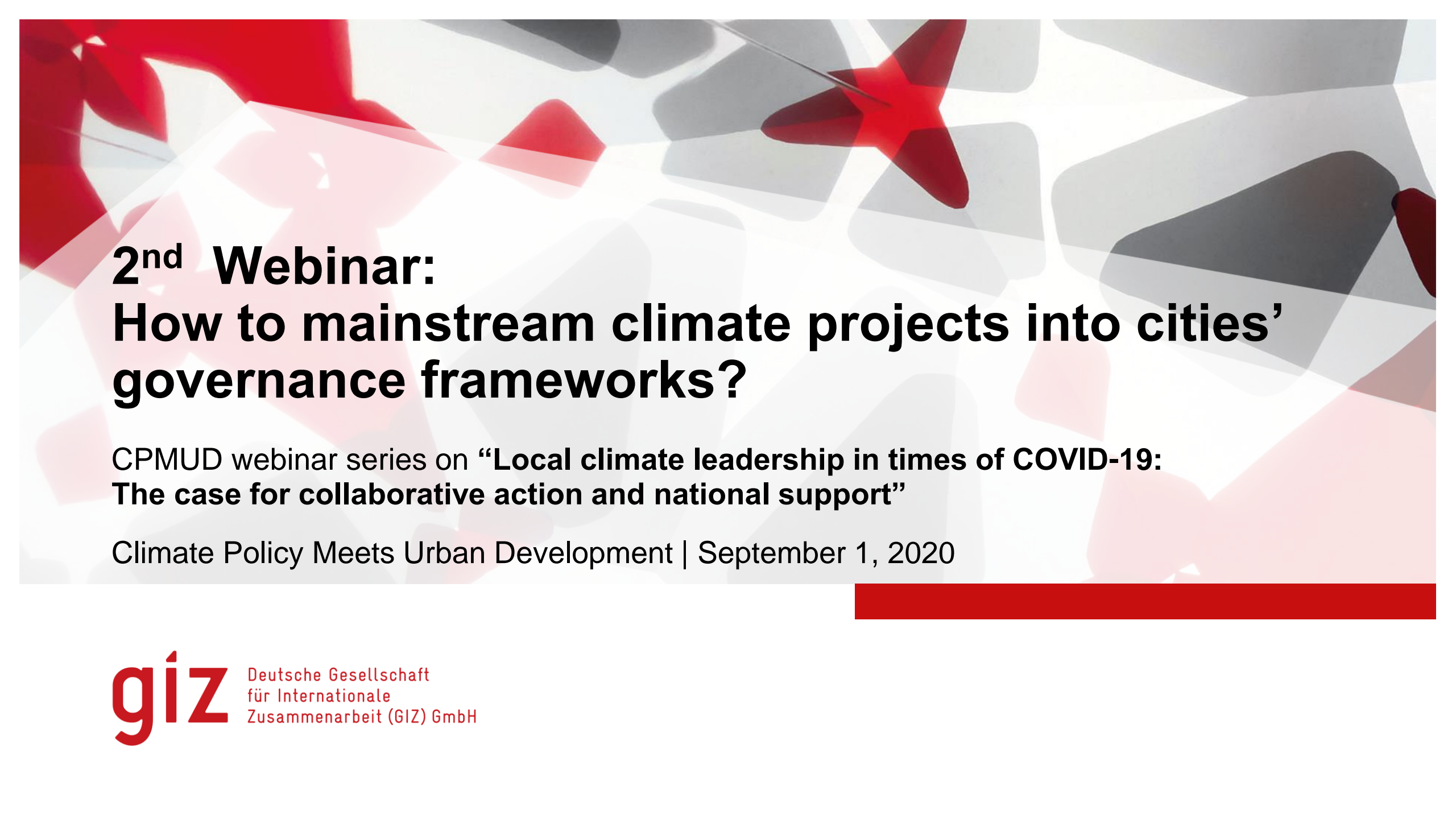




Welcome!

The webinar will begin in a few minutes...



2nd Webinar: How to mainstream climate projects into cities' governance frameworks?

CPMUD webinar series on **“Local climate leadership in times of COVID-19:
The case for collaborative action and national support”**

Climate Policy Meets Urban Development | September 1, 2020

Agenda

1. Welcome and introduction to the concept of Collaborative Climate Action

Judith Voß-Stemping, Nora Teufel; Project “Climate Policy Meets Urban Development”

2. The National Climate Initiative: Climate protection projects at municipal level

Natalie Eichler; Policy Officer at division IK III 3 "National Climate Initiative, Climate Policy in the Business Sector and Municipalities" – German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)

3. Insights into local climate protection at the example of the City of Heidelberg

Ralf Bermich; Head of Energy and Climate Protection Departement, Energy and Climate Protection at the City of Heidelberg

4. Q & A session

5. Outlook

Climate Policy Meets Urban Development (CPMUD)

Partnership for
Collaborative
Climate Action



- The project supports and advises the German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU) on strategic international efforts at the interface between climate policy and urban development
- The focus lies upon **Collaborative Climate Action** that is the vertical integration of climate change mitigation measures as a tool to support the NDC enhancement and LTS development
- CPMUD is developing ways to work bilaterally with selected national projects in cooperation with GIZ-hubs, currently in Mexico and South Africa
- CPMUD offers (and is continuously developing) knowledge products and exchange platforms (workshops, conference support, webinars)
- CPMUD supports BMU in developing the global “**Partnership for Collaborative Climate Action**”: a group of countries, regions, cities and organisations committed to enhanced communication, coordination and corporation between government tiers

Collaborative Climate Action: What are we talking about?

- There is an urgent need for more ambitious and more effective climate action ...
- Urban climate action is an imperative part of the solution ...
- National governments are in the driver's seat ...
- Collaborative Climate Action is the guiding principle for more ambition & effective climate action...





The National Climate Initiative: Climate protection projects at municipal level

Natalie Eichler, Policy Officer at division IK III 3 National Climate Initiative, Climate Policy in the Business Sector and Municipalities – German Federal Ministry for the Environment, Nature Conservation and Nuclear Safety (BMU)



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety



CLIMATE ACTION NEEDS YOUR INITIATIVE

The National Climate Initiative

GIZ Webinar: How to mainstream climate projects into cities'
governance frameworks?

1st September 2020
Natalie Eichler, Federal
Ministry for the
Environment

We promote climate action

Climate action is highly diverse and needs to cover a broad spectrum of climate-related issues and activities. Therefore, we have supported countless projects to reduce emissions of greenhouse gases.

The National Climate Initiative of the German Environment Ministry helps anchor climate action at grassroots level and benefits consumers as well as companies, municipalities and educational establishments.



2050

Our goal

The National Climate Initiative is a key element in Germany's strategy for meeting its climate targets. By 2050, we aim to be widely climate neutral. This is what the National Climate Initiative is fighting for. And with great success.

The following slides will highlight some of our funding programmes and activities.

Climate action in figures

Results for the period 2008 to 2019

32,450

projects have been carried out between 2008 and the end of 2019, with around

1.07 billion EUR

in financial support.

28.2 million
tonnes

is the lifetime-equivalent amount
of CO₂
that has been saved, thanks to investment and non-
investment related action.

3.5 billion EUR

in total has been invested
thanks to the projects.



Initiative, motivation and support

Our programmes and projects cover a broad spectrum of climate-related activities, from developing long-term strategies to providing practical assistance and investment support.



WE PROVIDE

Financial support for climate action



Climate protection projects at municipal level („**Kommunalrichtlinie**“)



Innovative ideas for climate action



Climate action and cycling



Small series



Municipal pilot projects

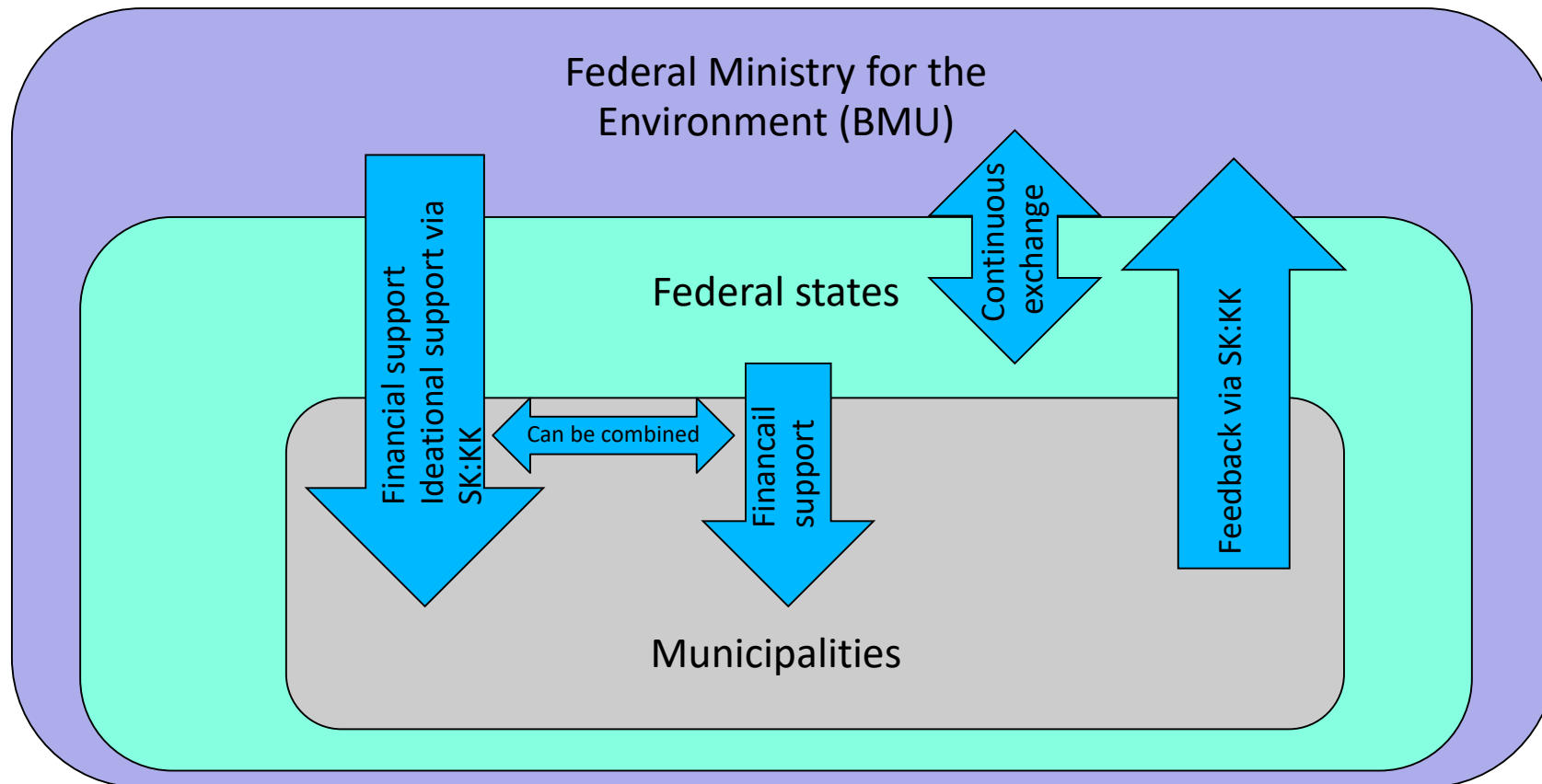


Climate-friendly cooling



CHP plants

Municipal climate action in multi-level cooperation



WE EMPLOY

SK:KK as facilitator for climate action



Advice on funding
programmes



klimaschutz.de and
social media



Training and
networking



Analyses and
recommendations

Funding programme for climate protection projects at municipal level

The programme covers a broad spectrum of climate-related activities, from developing long-term strategies to providing practical assistance and investment support.

It enables climate action in municipalities, for example by adding bike lanes, the using of energy-saving technologies such as LEDs and consumer consultations.



WE SUPPORT

Plans and staff for a healthy climate

More than

2,140

climate protection plans

have already been developed to help cities and municipalities set up valuable strategies.



More than

760

climate protection

managers have been actively implementing local climate action measures in their municipalities since 2008.



Climate protection plans and management – Phase I

What is the funding for?

- The climate protection management draws up a climate protection plan and implements first measures

Topics

- Integrated climate action
- Low-carbon heating and cooling
- Low-carbon mobility

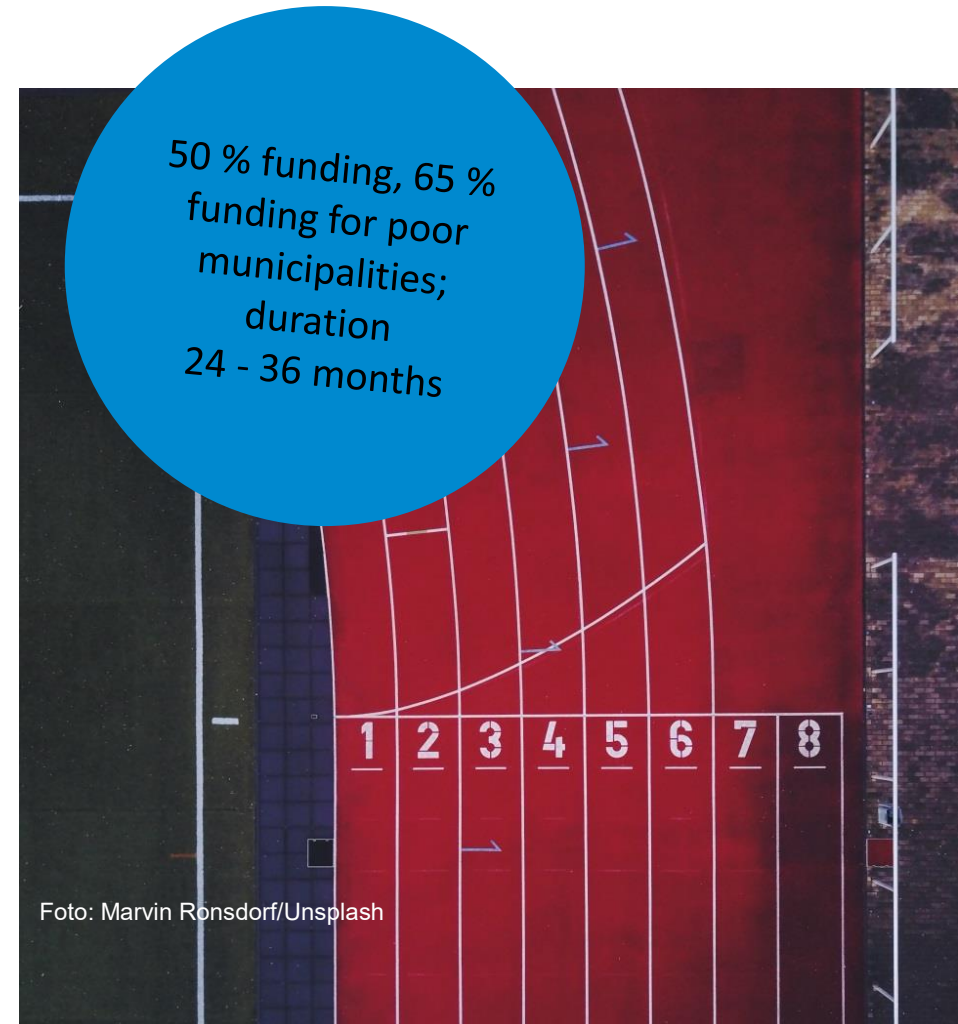


75 % funding; 100 %
funding for poor
municipalities;
duration 24 months

Climate protection plans and management – Phase II

What is the funding for?

- Implementation of measures defined in the climate protection plan by a climate protection management



Climate protection plans and management

- Developing climate protection plans
- Embedding climate action into municipal administration
- Implementing climate protection measures
- Phase 1: 24 months
- Phase 2: 24-36 months



Foto: Adi Goldstein/Unsplash



Federal Ministry
for the Environment, Nature Conservation
and Nuclear Safety



www.klimaschutz.de



Insights into local climate protection at the example of the City of Heidelberg

Ralf Bermich, Head of Department "Energy and Climate Protection" – the City of Heidelberg

Heide

Heidelberg



How to mainstream climate protection into cities' governance frameworks? The example of the City of Heidelberg

Ralf Bermich

GIZ Webinar

Local Climate Leadership in times of COVID-19

September 1st 2020

www.heidelberg.de



The European city

A starting point for sustainable urban development?

Short distances, historical core area, pedestrian zones, multifunctional

High planning expertise with a strong planning and building legislation

Mayors and committees do have a high and wide-ranging responsibility within the services for the public (>700 municipal energy and water utilities, associations for sewage treatment, local waste management, local saving banks (Sparkassen))



The role of German cities and towns within the political system

- Germany is a federal republic
- 16 federal states
- Decentral structure of medium sized cities, towns and rural areas
- Member of the European Union

All of these four politic layers are delivering significant action for climate protection

The legal tasks of German municipalities

Opportunities and power to engage for climate protection

- Planning and regulation of building areas for living, commercial and industrial use
- Planning of local mobility infrastructure – foot and bike lanes, roads, local train lines
- Planning and operation of local public transport
- Energy and water supply
- Waste management – reduction, collection, recycling, energetic use
- Sewage cleaning
- Immission control and allowances
- Last not least: Cities and towns are close to their citizens!

Municipal utilities and service companies in Germany

Number of municipal companies, that are organized
in the German Association of Local Public Utilities (VKU): **1.428**

Employees: **245.765**

Sector	Total	Electric energy	Natural Gas	Heat supply	Water supply	Sewage	Waste	Internet
Number of municipal utilities / companies	1.428	727	646	578	734	289	427	82

The chance:

**Integrating climate and sustainability criteria seriously
into all fields of municipal tasks!**

Raising awareness of citizens and companies!

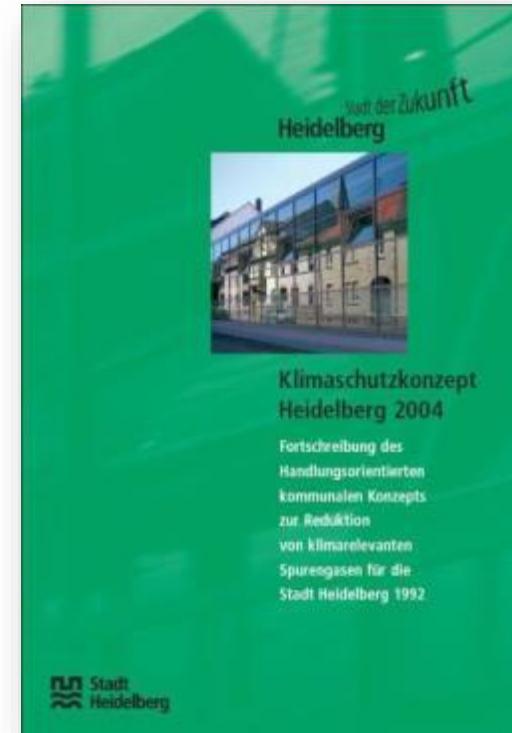
What do municipalities need for local climate protection?

- Ambitious national standards and goals for CO2 reduction, energy efficiency and renewable energies
- Market conditions that favour efficiency and renewables – carbon taxes or emission trading systems
- Instruments like the German Renewable Energy Law, setting attractive conditions for wind, solar, hydropower and biomass installation
- Finance for investments
- Finance for staff educated for climate protection and sustainable development – example: German National Climate Initiative, Ministry of Environment
- High standards of education
- Transparent communication of climate goals and needs



History of climate protection in Heidelberg

- 1992 first municipal climate protection concept
- Regular action and emission reports
- 2004 und 2008 Updates of climate protection concept
- 2012 Masterplan 100% climate protection funded by National Climate Initiative



Climate protection process in Heidelberg

Cooperation with partners in the city and the region

Master plan 100 % climate protection of the City of Heidelberg

Goal 2050: Reduction of CO₂-emissions by 95 % (Basis 1990)

Energy savings at least 50%

Switch to renewable energy



Photos: Stadt Heidelberg

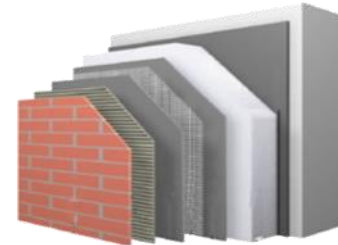
Promotional Programme of the City of Heidelberg – subsidies for investment in Efficient Energy Use

- Thermal insulation ...
- Triple glazing insulating glass units ...
- Ventilation with heat recovery ...
- Blower-Door-Test ...
- Passive houses

1.3 million € subsidy funds per year



Triple
glazing



Thermal insulation



State of the art energy standards for municipal and private buildings

- Reduction of heat demand:
Passivhaus standard for all buildings
- Optimizing energy supply:
District heating
- Renewable energy
- Minimizing des electricity demand
- Communication strategy
- Quality management system



Photos: Stadt Heidelberg



From freight and switch yard to new Passive House and Zero-Emission city district Heidelberg-Bahnstadt



The new Heat storage for district heat system Is part of transformation strategie to renewable energies

stadtwerke
heidelberg



Developing Heidelberg district heating system

Green district heat



- One of the biggest district heating grids in Germany - 100 % from CHP
- Wood chip fired CHP plant
 - regional harvested wood chips
- 4 biomethane CHP plants
- All feed renewable heat into district heat and electricity into power grid
- Actually 20 % of the district heat is based on renewable sources
- Large heat storage under construction
- Solar thermal system in planning

CHP = combined heat and power



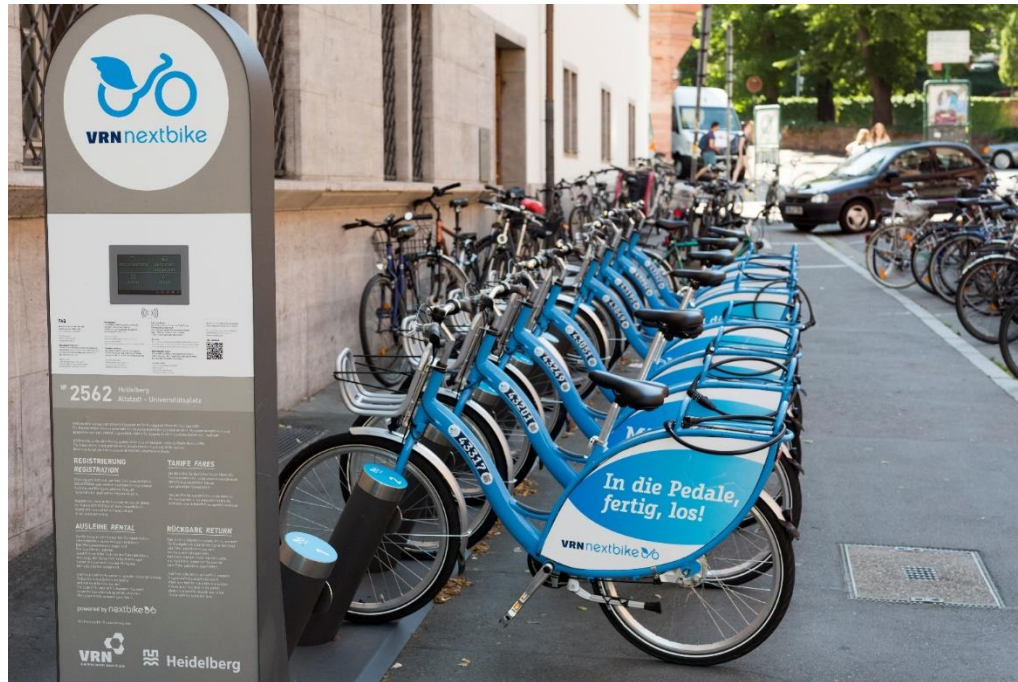
Solar Energy



Compact city – short distances



Innovative mobility systems



Heidelberg engages in Global City Alliances for Climate

- Climate Alliance
- Energy Cities
- C40 Cities Climate Leadership Group
- ICLEI – Local Governments for Sustainability
- Covenant of Mayors
- Global Covenant of Mayors for Climate & Energy



How does Covid-19 affect climate protection?

Lessons learned

- High vulnerability of economic system
- Experience: Serious crisis can be solved if there is a strong political action and a transparent communication

How does Covid-19 affect climate protection?

Risks

- Lack of finance for climate protection
- Lack of awareness due to new priorities
- Crisis need anti-cyclic financial action
- Less use of public transport

How does Covid-19 affect climate protection?

Chances

- Increase of bike use
- Reduction of long-distance travel – discovery of regional destinies
- Increased use of homeoffice – less local traffic
- Virtual conferences are more common and accepted
- Less use of public transport

Most important:

- Investment programs for economic recovery allow for pathways towards a climate friendly and sustainable economy and society, i.e.
 - Renewable energies, green district heat, energy storage
 - Zero emission transport, bike infrastructure, ...
 - Zero emission production processes

**Sustainable energy and climate protection
need to be central criteria of urban development!**

**This needs political leadership and participation of
stakeholders!**

Thanks!

Heidelberg

Ralf Bermich

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Q & A session

Please post your questions in the chat

“Local Climate Leadership in times of COVID-19: The case for collaborative action and national support”

-  **Webinar #1:** „The German multi-level climate support architecture“
When: 7 July 2020, 3-4pm (CEST / UTC+2)
-  **Webinar #2:** „How to mainstream climate projects into cities’ governance frameworks?“
When: 1 September 2020, 3-4pm (CEST / UTC+2)
-  **Webinar #3:** „Collaborative Climate Action: experiences from local leaders“
When: 5 October 2020, 3-4pm (CEST / UTC+2) (tbc)

Thank you for participating and see at our next webinar!

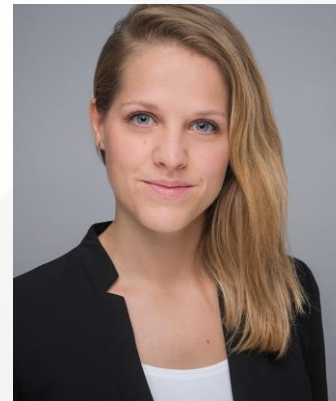


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Further Links

Case studies on collaborative climate action

- Study commissioned by BMU/CPMUD on [Multi-Level Climate Governance Supporting Local Action](#)
- CPMUD discussion paper [Recover green – Higher NDC-Ambition through Collaborative Climate Action](#)

Further Information on the German National Climate Initiative (NCI)

- [Website of the NCI](#) (in German, English version available)
- [Goals and objectives of the NCI](#) (in English)
- [Overview on project support](#) (in German)
- [The Local Authorities Guideline](#) (Kommunalrichtlinie) (in German)

Further Information on SK:KK (Service and Competence Center Municipal Climate Mitigation)

- [Organisation of the SK:KK](#) (in English)
- [Service offer of SK:KK](#) (in German)

Further Information on the City of Heidelberg

- [Website of the city of Heidelberg](#) (available in English and German)

Report of the Coalition for Urban Transitions

- [Climate Emergency – Urban Opportunity](#)