



# Worms

## Germany



THE COVENANT OF MAYORS INITIATIVE  
ON ADAPTATION TO CLIMATE CHANGE

**Mayor**  
Michael Kissel

**Population**  
82,787 inhabitants

**Contact Person**  
Reinhold Lieser  
Climate Protection Commissioner

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www.worms.de

Joined Mayors Adapt on 12 June 2014.

Worms is also a signatory to the  
Covenant of Mayors.

### Climate Impacts

- ✓ Extreme Temperatures
  - Water Scarcity
- ✓ Flooding (rainwater runoff)
  - Sea Level Rise
  - Droughts
  - Storms
  - Ice and Snow
  - Forest Fires

### Vulnerable Sectors

- ✓ Agriculture and Forest
  - Biodiversity
  - Coastal Areas
  - Disaster Risk Reduction
  - Financial
  - Health
  - Infrastructure
  - Marine and Fisheries
- ✓ Water Management
- ✓ Tourism

### Adaptation Activities

**Adaptation-Related Document**      Climate Protection and Energy Efficiency Concept

**Publication Date**                      13 January 2010

**Relevant Policy Sectors**              Energy, Environment and Climate Protection, Urban Planning, Health

#### Summary

With its own climate protection and energy efficiency concept, "klik," several measures and activities for the reduction of energy consumption and the use of renewable energies are being implemented. The main objective is the reduction of CO<sub>2</sub> emissions in Worms by 10 % every five years.

In addition to the previous climate policy, Worms aims to develop a local strategy for climate adaption and mitigation.

#### Planned Adaptation Actions

Strengthening its climate resilience, Worms aims to assess climate risks and vulnerabilities and to identify possible adaption options. To achieve this, an interdisciplinary expert team including citizens will be built. Furthermore, it is the goal to integrate climate protection and adaption early in the planning process. The planned adaption activities are a direct supplement to the city's climate protection and energy efficiency concept.

#### Main Motivation for Taking Adaptation Action

Especially against the background of extreme weather events like heat waves and heavy rains, and in combination with the city's demographic changes, Worms' motivation for developing adaption activities is very high.

Mayors Adapt is the first example of Worms considering adaptation.



### In the Spotlight

#### Climate protection and climate adaptation in Worms

Due to its location in the Upper Rhine Plain, Worms is one of the warmest and driest places in Germany. Particular threats to the city include extreme weather events and heavy rains.

Worms is undertaking climate-friendly urban development with preparation activities for heat stress and increased rainwater runoff.



Worms' City Hall



Initiated within  
the framework of

