

RENOVATION WAVE - THE HAMBURG STRATEGY



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Brigitte Köhnlein,
City of Hamburg, Germany
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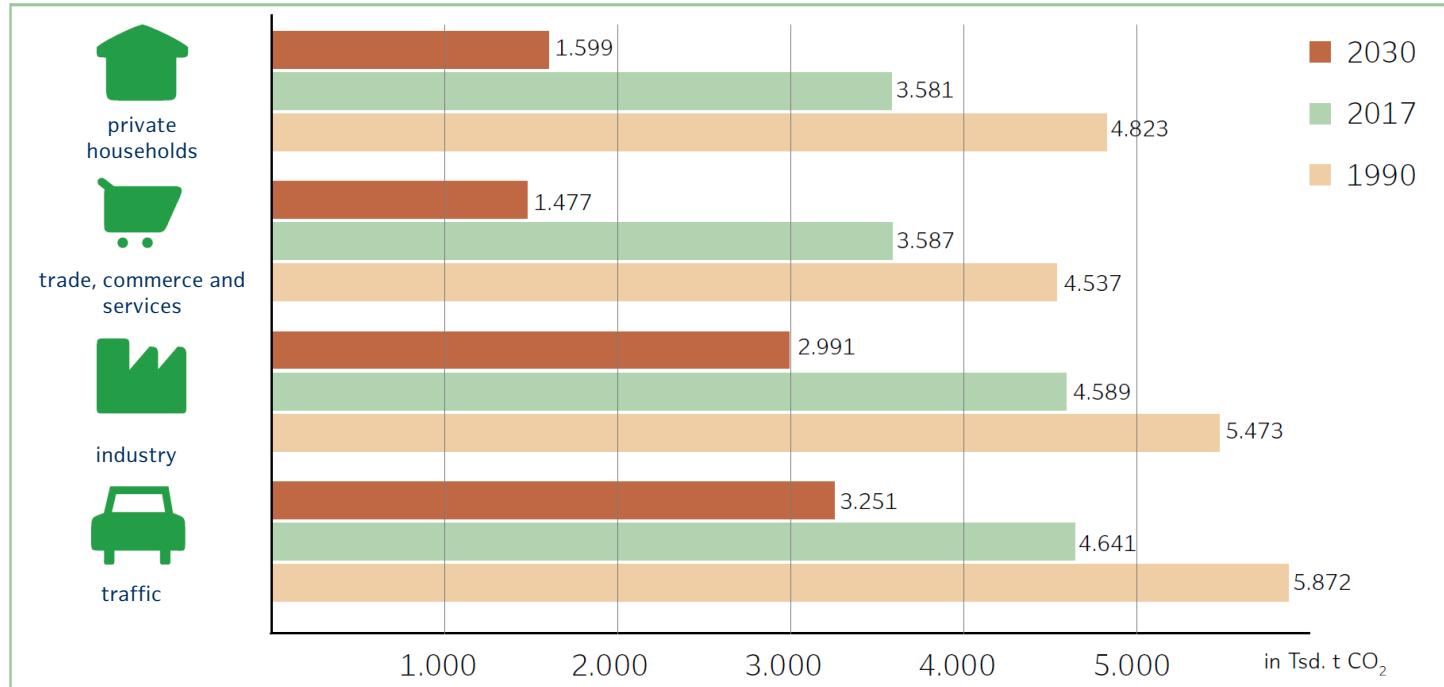
HAMBURG: ECONOMIC CENTER IN THE NORTH OF GERMANY



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- **1.9 m inhabitants**
- **Sea port**
- **Over 500 industrial enterprises**
- **Media and creative industries**
- **Strong service sector**

Sector Targets 2030 (in 1.000 t CO₂) (to be updated!)



Sektorbezogene Minderungsziele, ausgehend vom Szenario Wuppertal Institut, 2017.

Climate Plan Key Area - Energy Efficient Buildings

2045 target for building stock: average energy demand ~ 3/4 of minimum standard for new buildings

- High renovation rate
- High quality of renovation
- Integrated renovation concepts
(heating system and building envelope)
- District concepts

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RENOVATION WAVE - TOOLS

- Information and Advice
- Incentives
- Regulation by law



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INFORMATION AND ADVICE

1. „Energy Pilotes“

- Easy accesability
- Free of charge

2. In-depth advice

- Individual renovation plan

3. Advice on financial support



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FINANCIAL SUPPORT - LOANS OR GRANTS

- Up to 150.000 € low-cost loan or 75.000 € grant per residential unit
- Up to 60.000 € low-cost loan or 37.500 € grant per residential unit for single measures
- In case of loans + repayment subsidy 15 to 50 %

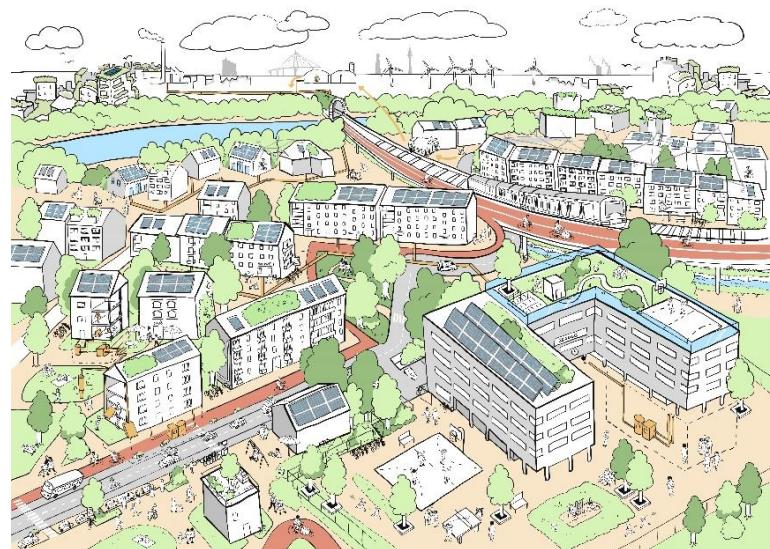


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HAMBURG CLIMATE LAW – BUILDINGS AND ENERGY DEMAND

- Compulsory connection and use of heating networks
- Decarbonizing of district heating
- Ban on direct electric heating
- Solar panels on new buildings from 2023, on new roofs from 2025 mandatory
- > 15% Renewable energy for new or retrofitted heating systems

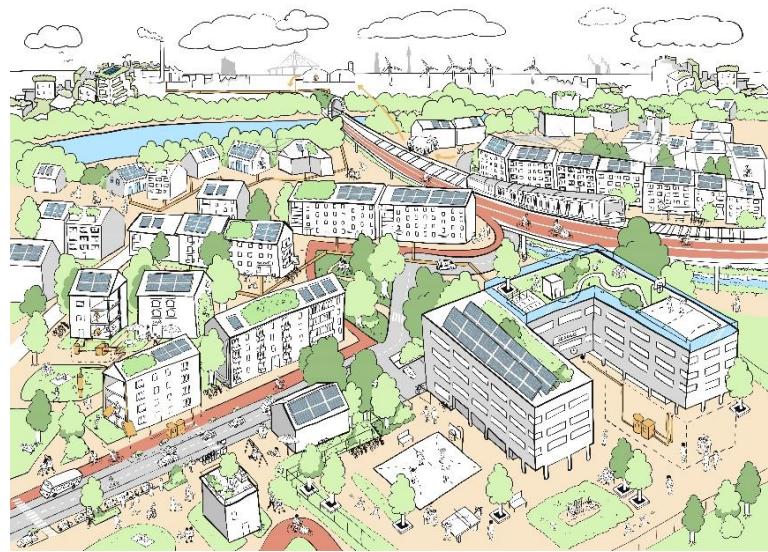


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HAMBURG CLIMATE LAW – PUBLIC BUILDINGS

- High energy efficiency for new buildings (energy demand ~ 50 % of federal minimum standard)
- More renewables than general standard
- Climate friendly materials, preferable wood if possible
- Climate neutral administration by 2030



Illustration: RIESENSPATZ

THANK YOU!



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Brigitte Köhnlein, City of Hamburg

brigitte.koehnlein@bukea.hamburg.de

