# CLIMATE PROTECTION POLICY IN HAMBURG

Klimaschutz Hamburg



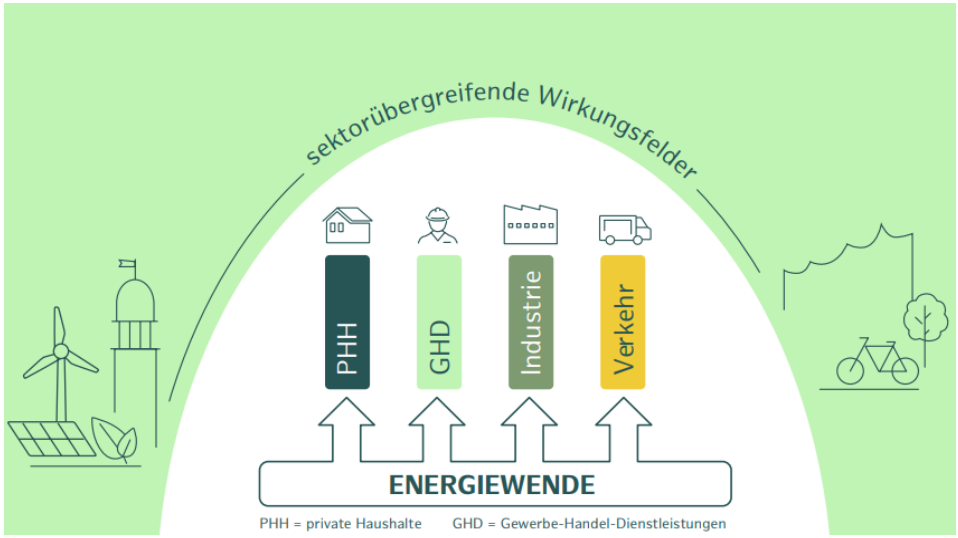
Mediaserver Hamburg / Jörg Modrow

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Free and Hanseatic City of Hamburg

Hamburg

# HAMBURG CLIMATE PLAN

- Political instrument for implementing climate protection, not climate adaptation
- Contents sectoral Targets, strategies and measures for implementation of climate policy goals

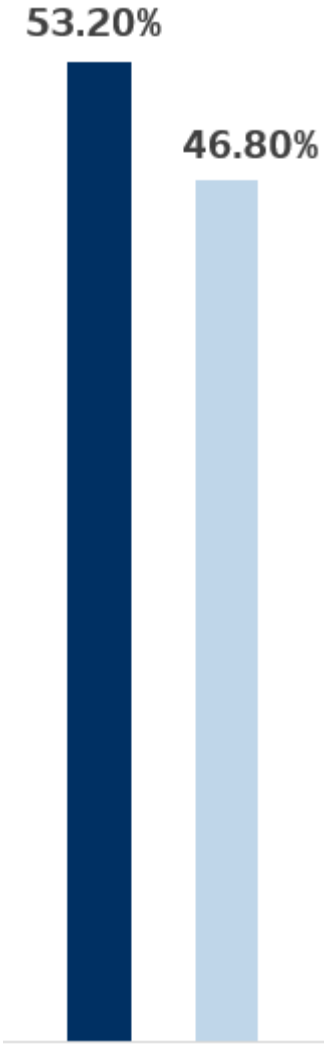



**Regular updates every 4 years (next in 2027)**

- Further development of content and methodology
- Implementing new objectives, defining sectoral targets
- Determination of the required portfolio of measures
- Progress report on implementation status every 2 years
- Public participation obliged
- Climate Advisory Board critically monitors the climate policy of the Hamburg Senate

# REFERENDUM ON CLIMATE PROTECTION (OCT. 2025)

1. Referendum is **implemented** through the **amendment** to the **Hamburg Climate Protection Act** (HmbCliProtA)
2. Target for **carbon neutrality** has been adjusted from 2045 to **2040**
3. From 2026, **annual caps on total annual $CO_2$ emissions** will apply
4. An annual $CO_2$ **balance sheet** is obliged
5. From 2027 on: **Verification of compliance** with the previous year's $CO_2$ caps and possible **Compensatory measures**
6. Implementation of climate targets **must be socially just**
7. Hamburg is only obliged to adopt **measures** that fall **within its own regulatory authority**.



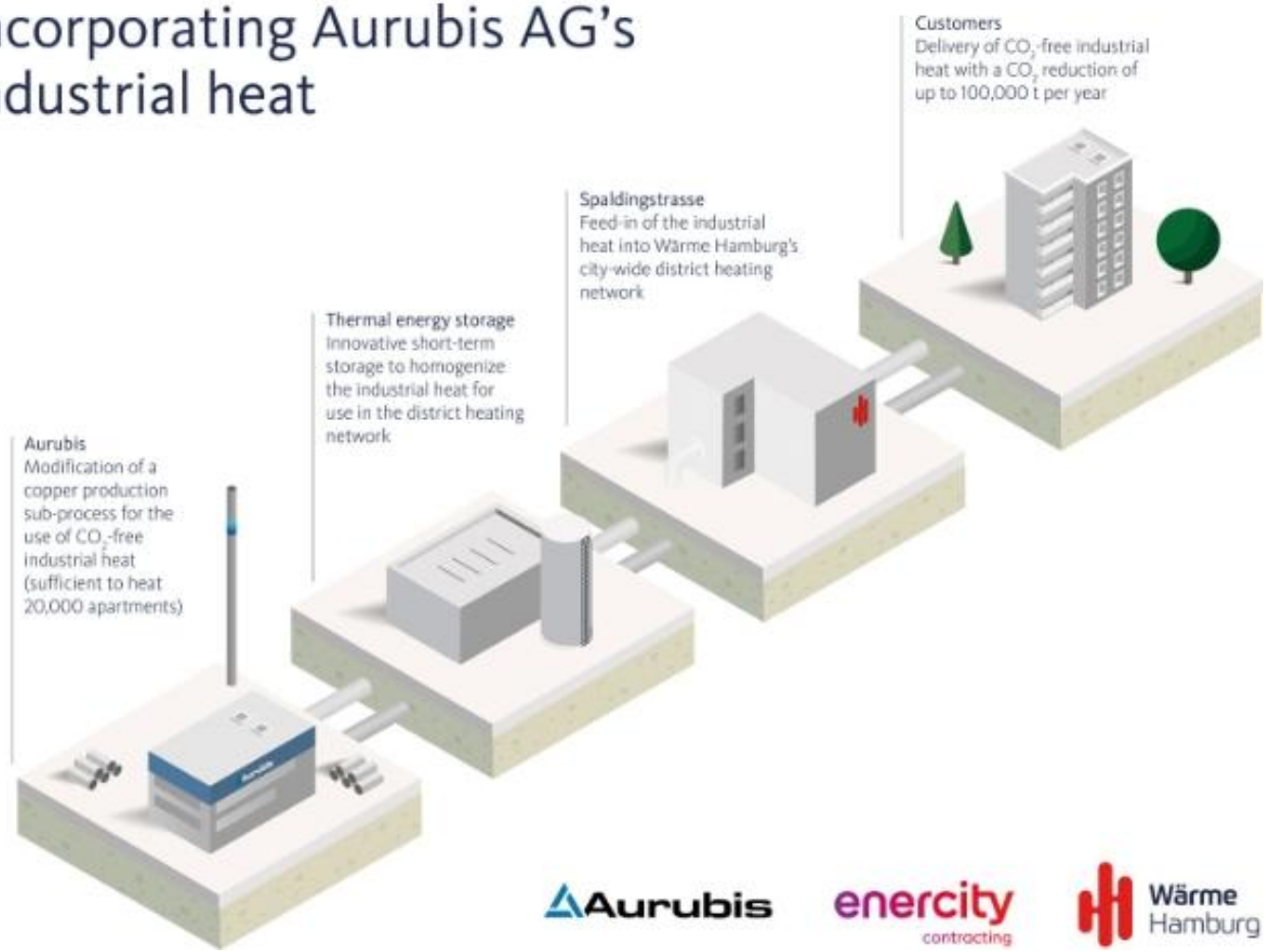
# EXAMPLE: INCREASING THE USE OF HEAT PUMPS



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- Currently approximately 7800 heat pumps installed in Hamburg, several tens of thousands are necessary
- Supplementary funding programs from the city for heating support exist
- Large heat pumps planned for rivers or wastewater will supply renewable energy for district heating

# EXAMPLE: USING INDUSTRIAL WASTE HEAT FOR DISTRICT HEATING




- Waste heat from industrial processes or waste incineration plays an important role in the district heating supply
- One example is the cooperation with Copper Melter Aurubis
- Initially 20 MW and soon a further 60 MW of industrial waste heat will be extracted and used to supply entire city districts

# CHALLENGES AHEAD ON CLIMATE BUDGETING

**Ongoing**

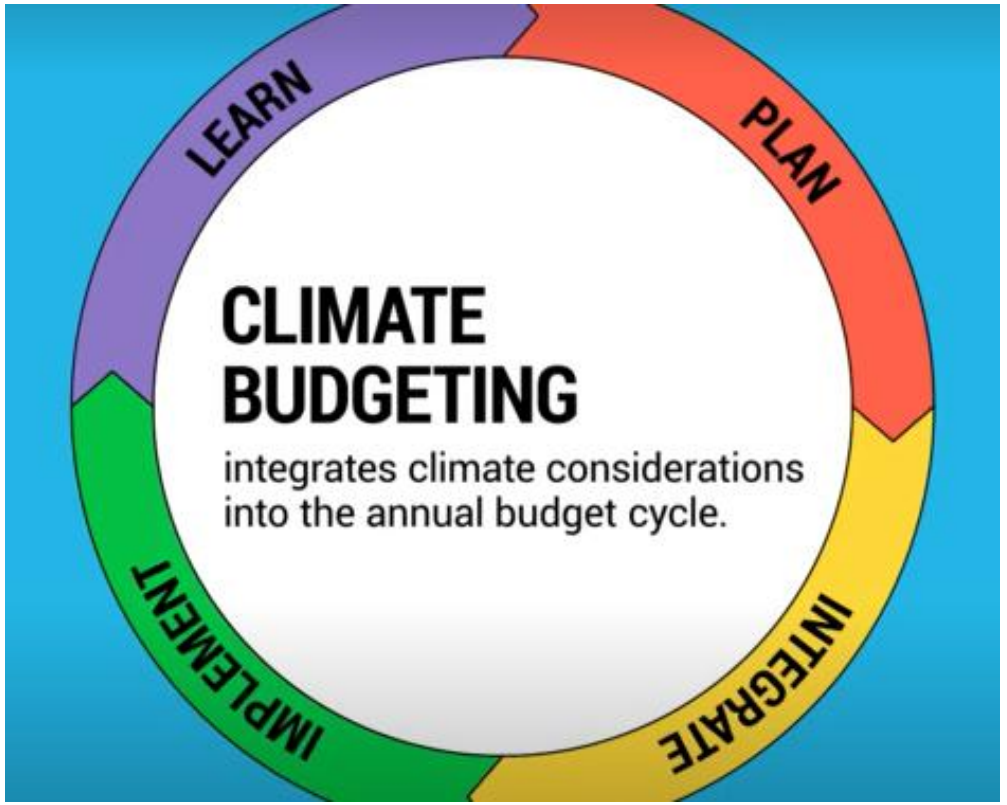
1. Outcome-oriented budget management paves the way forward
2. Existing targets and instruments: Hamburg climate plan including interlinked Polluter Inventory and estimated Balance
3. Budget indicators that link spendings with impacts, especially on energy and climate protection

**Ahead**

4. Linking polluter and estimated balance to the sectors and measures of the Climate Plan
5. Upcoming Hamburg Sustainability Strategy frames sustainable budgeting
6. Linking city-wide $CO_2$ data with measure-specific impact assumptions and budget data

**Conclusion**

Hamburg has important foundations in place for integrating Climate Budgeting



# THANKS FOR YOUR ATTENTION!



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