



Priorities for action for climate-neutral heat up to 200 °C

<p>Framework conditions: clear targets, efficient energy prices and reformed network use charges</p>	Stakeholder process for clear vision (large-scale heat pump summit)
	Profitability of electricity price versus gas price; CO ₂ -pricing
	Reformed grid tariffs supporting flexibility in the energy system and faster grid connections
<p>Large-scale heat pumps: fast cost reduction, further improvements in performance, increased production capacities</p>	Standardisation, modularisation, and economies of scale for products and processes
	Key areas of innovation: higher temperature ranges, improved efficiency, flexible operation, wider use of natural refrigerants
	Increase in production capacities
<p>District heating: streamlined subsidy schemes, mandatory heat planning, simplified implementation for large-scale heat pump projects</p>	Increase in subsidies and removal of perverse incentives
	Mandatory municipal heat planning, later to be expanded into a municipal energy distribution strategy
	Faster and easier planning, approval and implementation procedures for large-scale heat pump projects

Agora Energiewende based on AGEB (2022b). *Emissions based on the breakdown by fuel type according to AGEB (2022b) and emission factors according to UBA (2022), not weather-adjusted. Own assumptions regarding the breakdown by fuel type across the different temperature levels based on Agora Industry and Future Camp (2022).