





Philipp Oswald

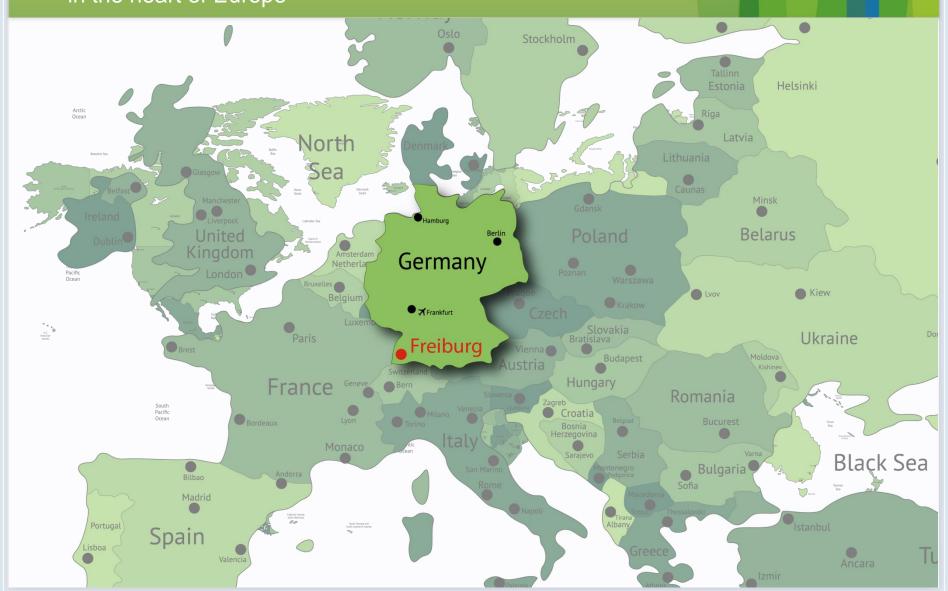
Clustermanager Green City Freiburg FWTM Freiburg Wirtschaft Touristik und Messe GmbH & Co. KG



GREENCITY FREIBURG

Freiburg,

in the heart of Europe



GREENCITY FREIBURG





Energy saving and climate protection

Energy consumption must be reduced by 50% to achieve a 100% renewable energy region

Targets of the City of Freiburg:

- Reducing CO₂ emissions by 40% until 2030
- Carbon-neutral city until 2050
- Reducing energy consumption
- Boosting renewable energy supply
- Increasing energy efficiency
- Commitment needed from all citizens to reduce CO₂ emissions



Green and solar roofs and façades

Commercial buildings

Soccer stadium

Sun Ship in Vauban district

Ganter private brewery

Solar office tower at the main train station

Exhibition Centre

Hotel Victoria





Green and solar roofs and façades

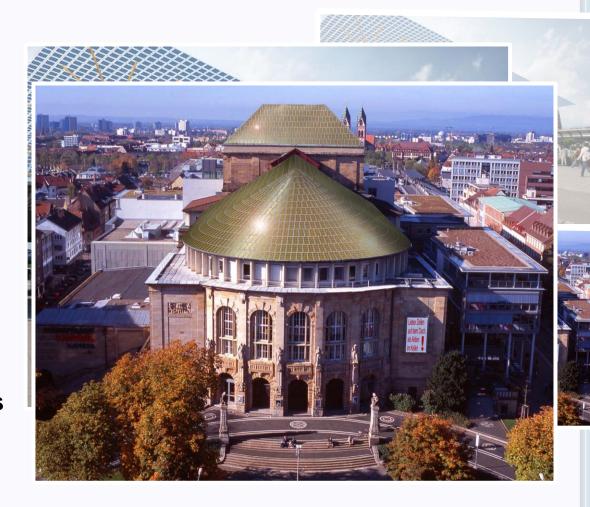
Future projects

SunPortal for Freiburg

Solar power plant following bionic principles

Theater Freiburg

Golden roof-integrated PV is planned



Energy Retrofitting

Example: Bugginger Straße 50 in Freiburg



Bugginger Straße 50

- First high-rise to meet passive house standard nationwide
- 78% energy saving
- More than 57 metric tons fewer CO₂-emissions per year

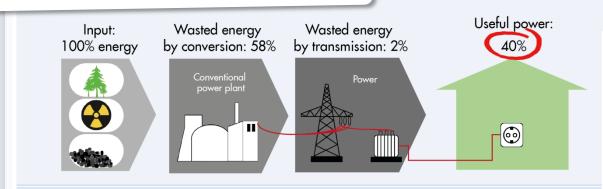




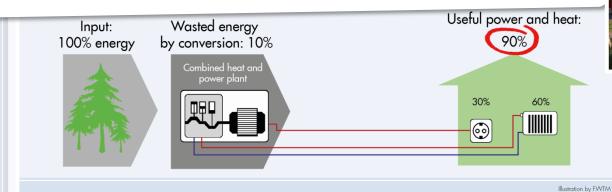
Combined heat and power plant

Two ways of power generation:

1. Conventional power plant



2. Decentralized combined heat and power plant

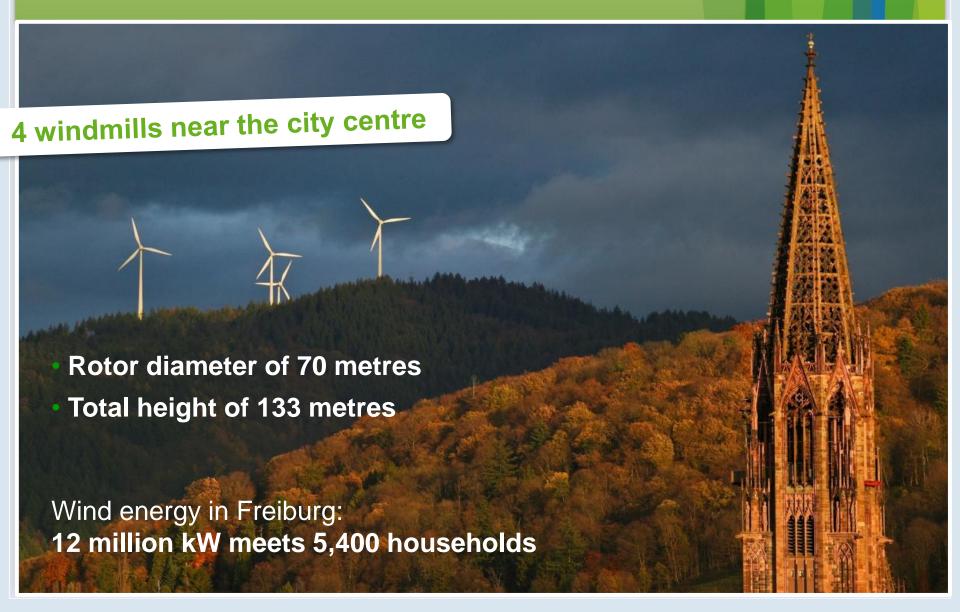




Combined heat and power plant: heat and power for the entire district of Vauban



Wind power plant



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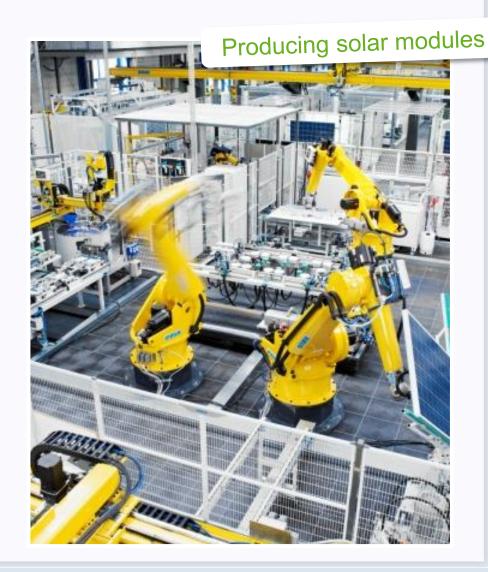
Green economy





Wehrle Umwelt GmbH







Research and development

energy research institute



FRFIBURG

Green City Cluster: More than 140 companies

































































































































































































































































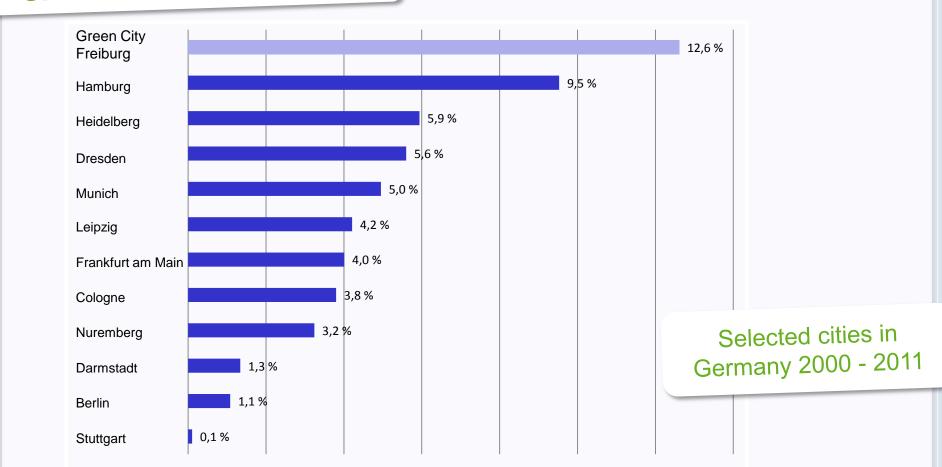




Green economy & Economic outcome



Growth rate of employment



Green economy & Economic outcome



Ecology creates Economy

- → High quality of life attracts young and creative professionals
- → One of the highest growth of population in Germany
- → High growth rate of employment
- → High growth rate of tourist overnight stays
- → One of the best places to live and to work



Cluster GREENCITY FREIBURG

Cluster Green City Freibrug c/o Freiburg Wirtschaft Touristik und Messe GmbH & Co. KG

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Management Marketing



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