

A cantonal capital with charm

The city of Frauenfeld would like to play a leading role as regards environmental issues. By purchasing exclusively nuclear-free power, it is sending a clear signal that it intends to phase out nuclear energy over the medium and long term. At the same time, the city is working to increase its own production of renewable energy. In this connection, it is looking at looking at various other projects and options for producing its own renewable energy from biogas, sewage gas, heat pumps, solar plants and small hydropower plants. In addition, the latest energy-saving LED lamps are being systematically installed for street lighting. Moreover, municipal authorities are building an intelligent power network for the future, which will enable optimum electricity procurement while decisively guiding consumer behaviour.

Based on the energy master plan worked out in 2013 together with the neighbouring communities of Wellhausen and Gachnang, spatially-related energy measures will be coordinated for the next 10-15 years. The key points are the awarding of the «Energienstadt» label combined with the information gathered on energy demand, energy potential and energy infrastructure within the Frauenfeld agglomeration. The aims of the energy master plan for the agglomeration are based on the goal of cantonal master planning:

«Energy must be produced and used as sustainably as possible, making every effort to preserve the landscape and the environment. The focus is on measures to reduce energy loss and to promote carbon-neutral, renewable, environmentally-responsible energies. The goal is to reach the vision of a 2000-Watt society between 2050 and 2080.»

Energy project highlights

- The electricity-generating potential of the Murg River is to be tapped gradually.
- The Zeughausbrücke small hydropower plant has been completely overhauled and is now back on stream.
- Long-term promotion of energy-saving projects of CHF 1 million per year will be ensure via a subsidy of CHF 0.3/kWh coupled with tax incentives.
- The energy-saving campaign «Leuli», an online energy adviser, lets every inhabitant monitor his energy consumption.

Facts and figures

Municipality:Frauenfeld
Canton: Thurgau
Population: 24'221
Area:22,4 km²
Internet:www.frauenfeld.ch

Joined Energienstadt programme in: ... 1992
First certification:2003
Second certification: 2007
Third certification:2011
Fourth certification: 2014



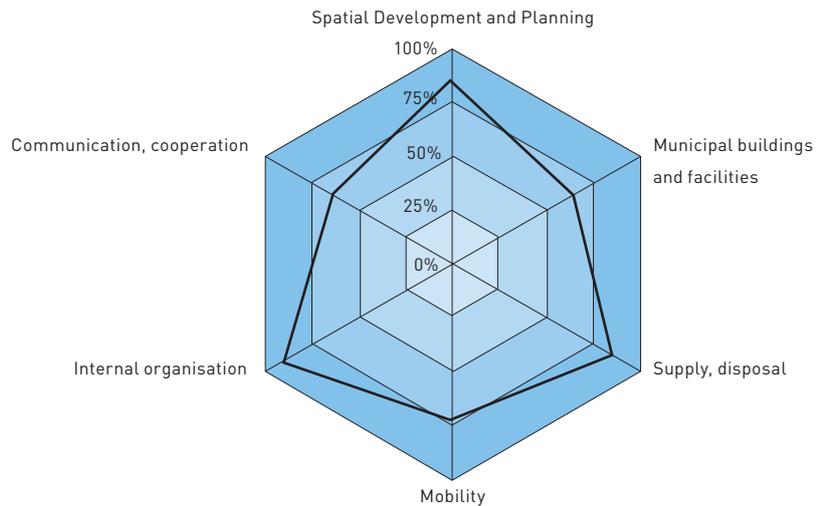


«Frauenfeld is committed»

«As an Energiestadt, Frauenfeld is committed to a proactive approach to energy issues, as reflected by two focal points within the municipal council. Implementation of concrete municipal projects combined with support for private projects through municipal subsidies boosts energy efficiency, reduces consumption and promotes alternative energy. Mobility is covered through the master plan for transportation and zoning. The municipal council has updated the energy master plan to include the neighbouring communities of Felben-Wellausen and Gachnang, and was the first community in Thurgau to be awarded the Energiestadt GOLD label in 2014»

*Urs Müller
Stadtrat, Frauenfeld*

Energy policy profile in 2014



The spider chart shows the development already implemented by the municipality in each of the six sectors of the range of measures as a percentage of the total for action. To obtain the «Energiestadt» label, the municipality must have implemented or planned 50% of its potential. The score needed to obtain the European Energy Award®Gold is 75%. The community of Frauenfeld had a score of 77% in 2014.

The next steps

Frauenfeld intends:

- To continue to supply the community with 100% renewable electricity ;
- To heat municipal buildings using district heating systems ;
- To increase the share of renewable energies supplied to municipal buildings and facilities ;
- To pursue the successful municipal subsidy programme ;

- To use waste heat from the artificial ice rink for heating purposes.

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Further information
www.energiestadt.ch/frauenfeld



What does the Energiestadt label stand for?

The Energiestadt label is a certificate developed in Switzerland and extended to the European level in the form of the European Energy Award. The label is awarded to municipalities which have instituted quality management for the implementation of their energy and development policies. The award was conceived within the framework of the SwissEnergy programme for the Confederation. In this way, the Swiss

Federal Office for Energy (SFOE) promotes the implementation of national energy policy in the fields of energy efficiency and renewable energies. Through the sub-programme entitled SwissEnergy for Municipalities, the SFOE systematically supports projects at the municipal level. The owner of the label is the Energiestadt Association.