

A municipality and an agglomeration

Lausanne ranks as one of the most active public authorities in the field of sustainable development and the rational use of energy. It holds the Energy City label since 1996 and, in 2004, became one of the first European cities to obtain the European Energy Award® GOLD label. The city has reduced the energy consumption of its public buildings by means of energy diagnostics and remote management. It encourages companies and private individuals to have greater recourse to renewable energies. In the field of electricity, the city's energy supplier SIL (Services industriels de Lausanne) offers its customers products which permit them to choose from a range of hydroelectric, solar and wind power as well as biomass. In addition, SIL is extending and densifying its district heating network, a system which, facilitates the use of urban waste for heating purposes. SIL also promotes the use of gas rather than oil in order to reduce emissions of CO₂.

The city further plays a leading role in the project for the Lausanne-Morges agglomeration (PALM). The aim is to encourage the member municipalities to pursue sustainable development policies. This project has three aspects: ambitious, it is intended to attract 40'000 incomers and to create 30'000 jobs by 2020; economical, it seeks to overcome the financial restrictions through close coordination of town planning, transport and the environment; and proactive, it wishes to bring about a compact agglomeration, easily accessible by public transport and soft mobility and offering green spaces connecting the areas with each other and the adjacent countryside.

Energy project highlights

- Development of a heating system 72% supplied by renewable energies (2011) and already covering 20% of the heat requirements of the city.
- Sustainable construction projects to build 3 000 dwellings on municipal land and in compliance with high energy standards (40% completed).
- Project for optimisation of the hydroelectric capacity of Lavey.
- Development of solar and wind-power production facilities by Si-REN SA, a company established for this purpose by the city of Lausanne.
- «Display campaign»: assessment and posting of the energy performance of 290 buildings, including schools.

Photos : www.diapo.ch

Facts and figures

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| Municipality: | Lausanne |
| Canton: | Vaud |
| Population: | 137'586 |
| Area: | 41,37 km ² |
| Internet: | www.lausanne.ch |
| First Energy City label: | 1996 |
| European Energy Award® GOLD label: | 2003 |



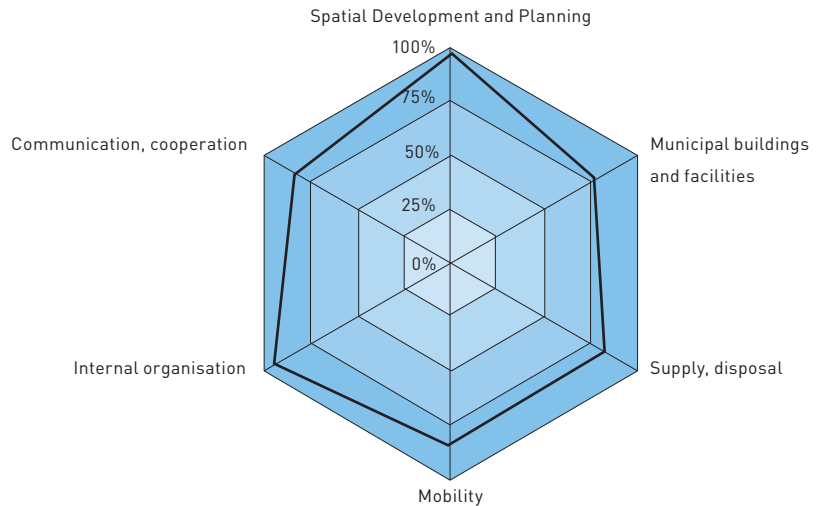


Quality of life, quality of town!

«Lausanne is gradually being transformed. New sustainable sites at Plaines du Loup and Prés-de-Vidy will permit the achievement of the 2000-Watt Society at the local level. Combined with projects for geothermal energy and renewable electricity from solar and wind power, these sites will be aiming for self-sufficiency on the energy front. This concept may then be extended to all of the new buildings constructed in the city and, as the case may be, to buildings that are to be renovated. The production of renewable energy and the promotion of energy savings make perfect sense within the framework of a coordinated town-planning policy. To this end, a user-friendly habitat and quality densification need to be combined with the completion of the public transport axes and soft mobility networks. These are the guarantors for a modal shift which, by regulating the inevitable motorised individual transport, will restrict its impacts.»

Jean-Yves Pidoux
Municipal Councillor, Lausanne

Energy policy profile in 2013



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 Energy City label, the municipality must have implemented or planned 50% of its potential. The score needed to obtain the European Energy Award® GOLD label is 75%.

The next steps

The city of Lausanne has committed itself to various projects to be carried out in the coming years :

- Construction of two sustainable building sites, one at Plaines-du-Loup and the other at Prés-de-Vidy.
- Optimisation of hydroelectric installations at Lavey (+75GWh).
- EolJorat-South wind farm project at Chalet-à-Gobet (+90 GWh); solar power projects (30 MW to be installed in the next ten years).
- Introduction of smart-metering to raise awareness of energy-savings, optimisation of network load management and decentralised production.

- Launching the tramway and the high-performance bus service («BHNS») project.

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Further information

www.citedelenergie.ch/lausanne



european energy award

What does the Energy City label stand for?

The Energy City 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 Energy Cities Association.