

## On the road to the 2000-Watt Society

Lucerne and the Lake Lucerne region are often considered to be the heartland of the Swiss Confederation. After all, nowhere else is so much of the essence of the country to be found in such a small space: a city with a mediaeval town center, a river and a lake, situated in the foothills of the Swiss Alps within sight of the peaks of the mountains Rigi and Pilatus. Whether locals or tourists, everyone adores this beautiful city and its multitude of sights. Apart from the world famous Chapel Bridge and the Water Tower, the Museggmauer, the old churches, the Spreuerbrücke, the Lion Monument, the KKC (a futuristic culture and congress centre built by the renowned architect Jean Nouvel), the promenade with its luxury hotels, the Lucerne weekly market on the banks of the Reuss, all contribute to a vibrant city scene.

As well as being the cultural focal point of central Switzerland, Lucerne is also a great place for networking thanks to its international congresses, fairs and exhibitions. With its modern infrastructures, local products and cultural events such as the Lucerne festival, the city is an ideal place for living and for doing business. It attracts students and professionals from all over the region.

This unique quality of life needs to be preserved for future generations. Accordingly, the development of the city has to be understood as a long-term process of shaping this living space from a social, economic and ecological point of view and is dedicated to the principles of sustainability. The electorate have voted to phase out nuclear power. In addition, the aim is to achieve the objectives of the 2000-Watt Society. Though this is a difficult challenge, it has been taken up and the city is on its way, a fact demonstrated by the granting of the European Energy Award GOLD label.

## Energy project highlights

- The new energy regulations of the city of Lucerne have created the statutory basis for phasing out of nuclear power by 2045, as well as the implementation of the 2000-Watt society by 2050.
- The power and water group, energie wasser Luzern AG (ewl), is 100% owned by the city. ewl is working intensively on increasing the efficiency of its installations, producing renewable energy and making intensive use of district heating and industrial waste heat.
- Since January 2013, certified green electricity for all municipal buildings and installations, as well as for public lighting is purchased.
- The new building and zoning regulations designate areas in which a higher energy efficiency standard of construction applies.

## Facts and figures

**Municipality:**..... Lucerne-City  
**Canton:** ..... Lucerne  
**Population:** ..... 79'563  
**Area:** ..... 29,06 km<sup>2</sup>  
**Internet:** ..... [www.stadt.luzern.ch](http://www.stadt.luzern.ch)

**Joined Energy City programme in:**..... 1993  
**First certification :**..... 1999  
**Second certification:** ..... 2002  
**Third certification:**..... 2006  
**Fourth certification:** ..... 2009  
**Fifth certification:**..... 2013



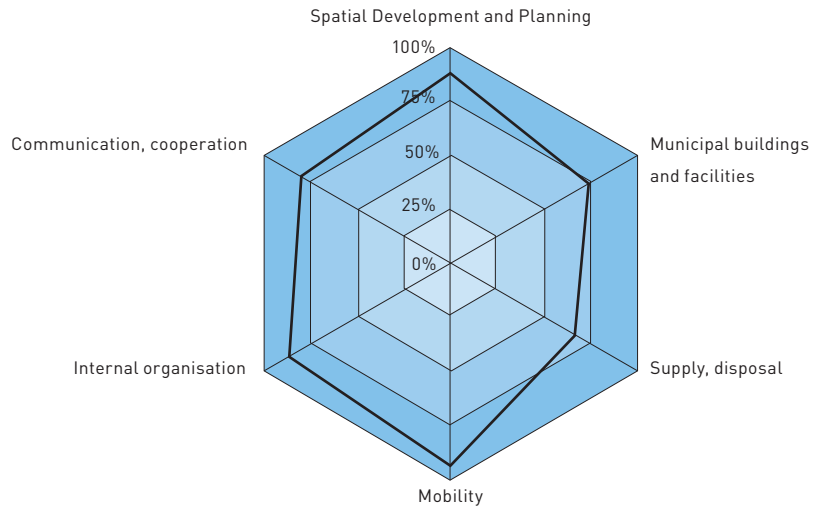


## Lucerne is on the right road

«Visitors coming to Lucerne soon realise that here, on both sides of the lake and along the banks of the Reuss, they are in a city with roots reaching far back into the history of Europe. The beauty of the countryside and the excellent quality of life attracts residents, visitors and businesses. The protection of this natural environment and its preservation for ourselves and for future generations are part of our policies. Lucerne is a certified Energy City since 1999 and, in 2009, received the European Energy Award GOLD. The Energy City label confirms that the proclaimed ambitions of the city in the field of energy and environmental policy are being implemented. The city council has taken up the challenges and Lucerne sets out well prepared on the road to the 2000-Watt society.»

*Adrian Borgula  
Councillor for the Environment,  
Transport and Safety, Lucerne*

## Energy policy profile in 2013



The spider chart shows the percentage development already implemented by the Lucerne municipality out of its energy potential. To obtain the Energy City label, the local authority must have implemented 50% of its potential. The score needed to obtain the European Energy Award GOLD label is 75%. In 2013, the Lucerne municipality achieved a level of 81.9%.

## The next steps

During the coming years, Lucerne intends:

- to draw up an energy action plan for the years 2014 to 2020.
- to continue pursuing the Energy City building standard for high energy efficiency and the use of renewable energies and adapting it to the requirements of the 2000-Watt Society.
- to make use of waste heat from Swiss Steel AG, Emmen, for the production of electricity and heat.

- to convert the former central railway line into a pathway for pedestrians and cyclists.
- to raise the awareness of the population and the city administration with regard to the implementation of the 2000-Watt Society.

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### Further information

[www.energiestadt.ch/luzern](http://www.energiestadt.ch/luzern)



européan 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.