

For sustainable urban development and property management

For some years now, Porrentruy has been paying close attention to energy issues as well as to the related topics of quality of life and respect for nature and the environment. The town's image is imbued with this pleasant living environment.

The municipality is mindful of its responsibilities at the local level and wishes to fulfil them in the form of concrete steps and an active policy with both short- and long-term goals to achieve the 2000-Watt society. After obtaining the Cité de l'énergie label in 2006 and again in 2010, Porrentruy worked towards and subsequently obtained the European Energy Award®Gold label in 2014.

Operating the Thermoréseau system powered by wood chips has allowed the municipality to set ambitious renewable energy goals. The district heating system, for which the municipality is one of the major stakeholders and whose Board it chairs, is an urban heating installation which currently heats the equivalent of 2,700 flats. More than 97% of the energy produced comes from wood-based products, primarily wood chips from local forests but also from old wood. Wood energy and geothermal power cover more than 75% of the heating requirements of the municipal building stock. The new Thermoréseau power station, due to come on stream in early 2015, should make it possible to meet 60% of the town's overall thermal energy requirements, by saving the equivalent of 6.5 million litres of fuel oil and by meeting 16% of overall electricity needs.

Energy project highlights

- Ever since 1999, Thermoréseau has been one of the largest wood-fired district heating systems in Switzerland;
- Renewable energy sources cover 100% of the municipality's consumption;
- There are cooperation arrangements with Delémont and Fontenais, and the post of Office in charge of monitoring energy policy has been created;
- The Enerschool project raises pupils' awareness of energy issues;
- Biowaste is processed as biogas to operate a combined heat and power plant;
- Sludge flowing out of the STEP is centrifuged then dried in solar greenhouses prior to incineration in cement kilns (140,000 litres of fuel oil saved every year).

Photo: Pascal Janel



Facts and figures

Municipality:	Porrentruy
Canton:	Jura
Population:	6780
Area:	14,84 km ²
Internet:	www.porrentruy.ch
First Cité de l'énergie label:	2006
First European Energy Award® Gold label:	2014



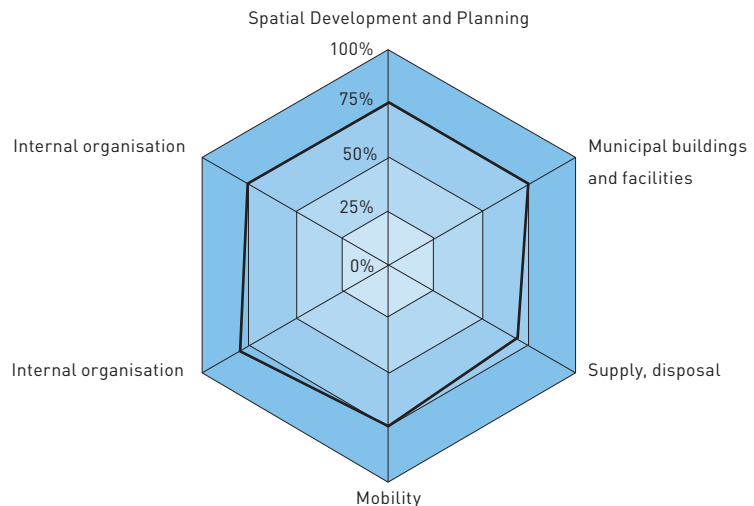
Photo: Géraud Siegenthaler

«A long-term vision»

«Porrentruy's energy policy is meant to be transparent, visionary and geared to sustainable resource management. The main thrusts are reducing CO₂ emissions, limiting rises in electricity consumption, and increasing the share of renewable energies. With its Cité de l'énergie GOLD label, the municipality wishes to set an example for its inhabitants and for its industrial and business partners. It also wants to offer the framework conditions for the development of voluntary individual action. That is why it has made available a solar cadaster accompanied by a subsidies programme. As part of its long-term vision for 2050, Porrentruy plans to reduce heating energy consumption by some 40% and to use renewable energy sources to meet at least 85% of these needs.»

Gabriel Voirol
Municipal Councillor, Porrentruy

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 Cité de l'énergie 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

Porrentruy has committed itself to various projects which will be completed in the coming years:

- Extending Thermoréseau by means of a new power plant equipped with a combined heat and power plant which runs on wood chips;
- Elaboration of guiding principles and a master plan for energy;
- Redesigning to facilitate soft, multimodal mobility: meeting places along the Esplanade and downtown, development of car-sharing;
- Introducing a project for a bicycle park and additional parking places for bicycles;
- Implementing the energy and mobility concepts of the project «Heart of the City», a flagship project for the next 15 years for renovating and showcasing the historic centre.

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Further information

www.citedelenergie.ch/porrentruy



european energy award

A quoi sert le label Cité de l'énergie ?

The Cité de l'énergie 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 Cité de l'énergie Association.