

Guesthouse welcomes Energy Services

Towards Class A - Shining examples ...are everywhere and in a town near you...

Introduction

This tourist guesthouse, owned by the Swiss railway and managed privately, was comprehensively refurbished complete with microgeneration and energy efficiency improvements. The Lausanne utilities delivered these using an innovative energy services contract.



Improvements

This is a Shining Example of a pre-1900 building being renovated with 3cm façade insulation, roof insulation and basement ceiling insulation, window replacement, installation of controlled ventilation with heat recovery and 62 m² of thermal solar cells for the production of warm water.



The investment, maintenance and operation of the installations were carried out by SIL within the framework of an energy service contract. The project received the Swiss solar prize in 2002.

Summary

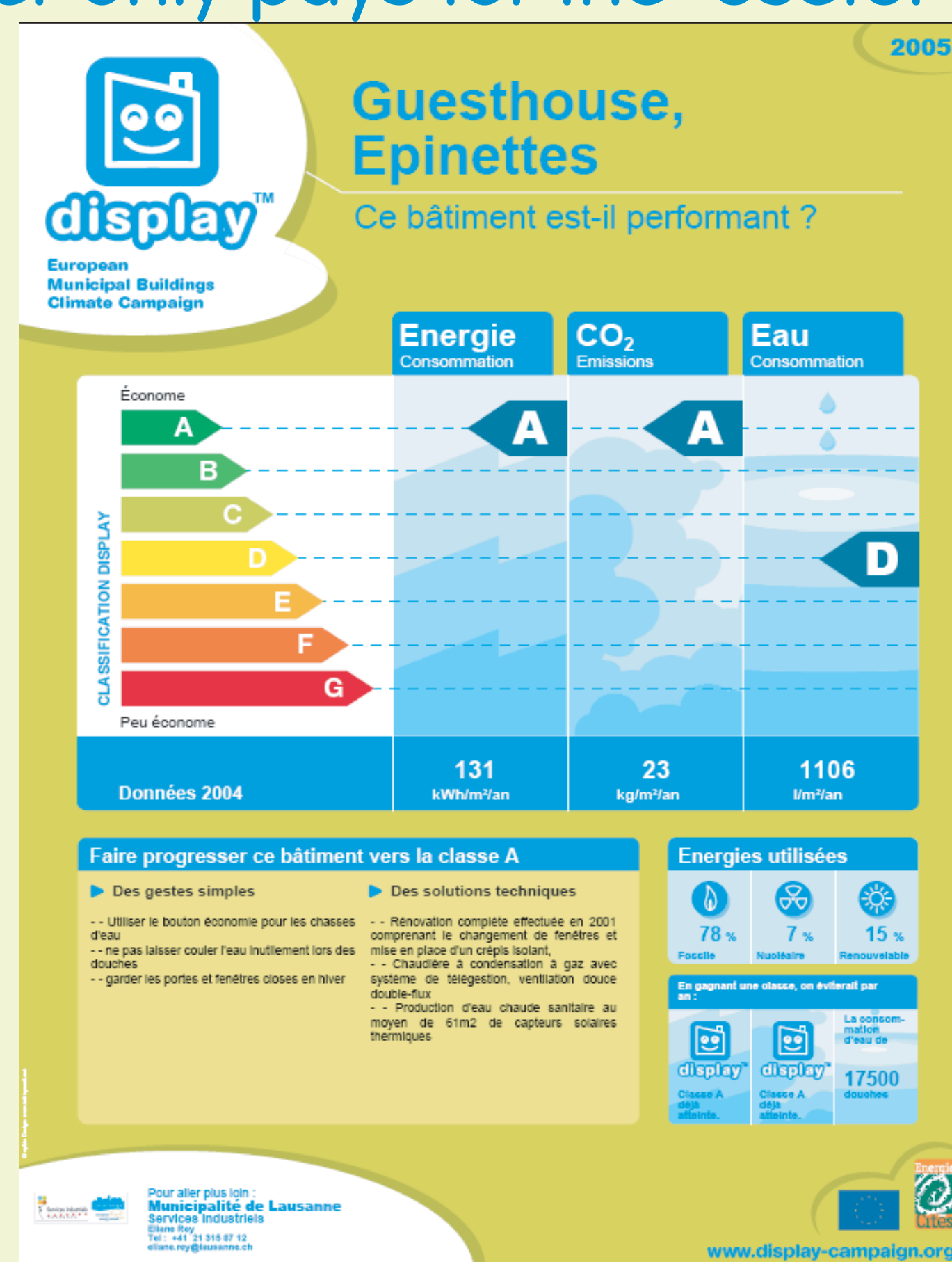
This long-term provision of energy services was only possible due to the progressive vision of the utilities company SIL, the building's owner Swiss Railways, and the building's management. The guesthouse was improved taking a whole-building approach that integrates sustainable systems thinking. This has led to a reduction of energy demand and integration of replicable, cost effective on-site renewable energy generation.

The project will be promoted in the context of a broader campaign for sustainable energy by the town of Lausanne. SIL has also produced a leaflet entitled "4 seasons" devoted to energy effectiveness. It sensitises, informs and advises the population of Lausanne on adopting more environmentally friendly lifestyles.

Funding and Savings

SIL, the utility delivering under the contract, finance and maintain all heat generation plant for 15 years while the owner only pays for the useful energy consumed.

SIL make sure that the best available technology is installed and used according to best practice.



Partners



Contact

Lausanne: georges.ohana@lausanne.ch

Partner	Contact Person	E-mail of contact person
Energie-Cités - the association of European local authorities promoting local sustainable energy policy (coordinator)	Peter Schilken	pschilken@energie-cites.org
EnEffect - Centre for Energy Efficiency (Bulgaria)	Zoya Giurova	zgiurova@eneffect.bg
EuroACE - European Alliance of Companies for Energy Efficiency	Jacky Pett	jacky@ukace.org
CEMR - Council of European Municipalities and Regions	Pirita Lindholm	plindholm@bxl-ccre.org
ACE/CAE - Architects' Council of Europe	Alain Sagne	alain.sagne@ace-cae.org

Intelligent Energy Europe

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