



Cheese dairy Klusen

Project	Woodchip heating and use of the generated heat to operate an absorption refrigerator.
Place	Schüpfheim, canton Lucerne
Project owner	Entlebucher Spezialitäten Käserei AG
Savings	The woodchip installation has been operating since January 2007, saving around 50'000 litres of fuel oil a year and reducing around 730 tonnes of CO2 over the period 2007 to 2012.
Investments	At 540'000 Swiss Francs, the project's investment costs were twice as high as they would have been in the reference scenario of covering energy requirements with fuel oil. Only the Foundation's payment for the reduction in CO2 emissions made it possible for the cheese dairy to implement the project in this form.

Description

The Entlebuch region aims to become a pioneer in matters of sustainability. Entlebucher Spezialitäten Käserei AG in Schüpfheim is playing its part with an innovative project.

Due to Climate Cent Foundation

The project's conventional aspect is to heat the milk using woodchips rather than fuel oil. However, for the first time in Switzerland, the heat generated using woodchips is now used to operate an absorption refrigerator. In the summer and in transitional seasons, the company's own, abundant spring water is brought to the absorption refrigerator, which cools the water to a constant temperature of 6 °C. In turn, this water cools the facility's equipment and refrigeration chambers.

More information:

Marco Berg, Managing Director +41 (0)44 387 99 02

info@stiftungklimarappen.ch
www.stiftungklimarappen.ch

Telefon +41 (0)44 387 99 00
Fax +41 (0)44 387 99 09

Stiftung Klimarappen
Freiestrasse 167, 8032 Zürich

Factsheet

