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PRESS RELEASE

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Xylem Sweden nominated for European environmental award from Sustainable Energy Europe Awards 2014

It was in the face of very stiff competition that Xylem's project aimed at storing and recovering energy at the production facility in Emmaboda was named as one of the projects that would proceed to the final competition. Only 30 of the 342 projects were further nominated, and an exciting final competition is to be expected in which one winner in each category will be named on 24 June in Brussels. The purpose of the competition is to highlight projects that contribute to a climate-smart and sustainable society.

Xylem's entry is a project on energy optimization based on storing surplus heat from production in boreholes in rock. The storage consists of 140 boreholes that are 150 m deep. Each borehole has an effective heat exchanger, and can receive approximately 3,800,000 kWh of waste heat a year; 70% can be recovered. When there is a surplus from production, heat is stored and can then be recovered to heat up the facilities during the cold winter months.

"The borehole storage has new and innovative technology which enables heat to be utilized that would otherwise have gone to waste. Thus utilizing waste heat is even more environmentally friendly than using renewable energy sources," says Ingemo Fahlstedt, who is the environmental manager at Xylem in Emmaboda. "The confirmation that this nomination entails is very gratifying – that Xylem is very much at the forefront of energy optimization," she says.

Recovering waste heat from industry by using borehole storage has a great deal of potential both domestically and internationally, provided that the bedrock has the right qualities. The same technology could be used to store solar energy.

"We hope to contribute to more companies in Sweden and Europe investing in this type of solution," says Leif Rydell, who is an energy engineer at Xylem in Emmaboda.

Our Minister for Migration and Asylum Policy, Tobias Billström, visited Emmaboda to discuss the region's growth and labour migration.

"By placing demands on energy optimization of the water supply and sewer system and increasing focus on renewing its infrastructure, an increasing number of companies can focus on solutions that generate export, which benefits industrial development in Sweden."

"In order to create the conditions necessary for a competitive export industry, the right conditions are needed for labour migration, in parallel with a a general investment in education in the region to ensure demands for competence can be satisfied," says Lars-Göran Nilsson, who is the site manager at Xylem in Emmaboda.

Xylem works to promote good water quality by offering know-how, products and solutions that contribute to a climate-smart society. Focus on the environment, safety and health permeate the company's operations. The company has received both quality and environmental certification in accordance with ISO 9001 and ISO 14001 and OHSAS 18001.

The name Xylem derives from classical Greek, and refers to the tissues that help transport water in plants. The name highlights our engineering expertise in the field of water by linking it with the best water transport to be found anywhere – nature's. For more information, please visit us at www.xyleminc.com/se