

Press Release
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For release at 12 AM on Friday, 12 February 2010

Oy Scancool Ab receives Paavo's Prize

Oy Scancool Ab has been awarded Paavo's Prize (Paavon palkinto) from the Paavo V. Suominen Fund at the Tampere University of Technology.

Scancool, one of the leading suppliers of cooling plants in Finland, has distinguished itself in the development and marketing of industrial heat pump systems. The company has focused on the environmental friendliness and energy efficiency of cooling plants. Oy Scancool Ab has facilities in Kokkola, Pietarsaari, Seinäjoki, Tampere and Tuusula.

The award of 10 000 euros will be presented to the company management on Friday, 12 February 2010 at 12 AM at the Tampere University of Technology.

Recovering industrial waste heat with a heat pump

Oy Scancool Ab focuses particularly on the construction and development of cooling plants which use ammonia as a refrigerant.

"The older intermediate agents (i.e. refrigerants), which are currently widely used in cooling plants, are powerful greenhouse gases. Their use has already been restricted and regulated. Natural refrigerants provide new alternatives. Among these, ammonia and carbon dioxide will be increasingly used in cooling plants and, in the future, also in heat pump solutions," Managing Director **Jonny Asplund** says.

According to Asplund, Scancool has made considerable investments in the development of industrial heat pumps. A vigorous growth can be expected in the area. "The use of heat from outdoor air, from the soil and water systems has increased rapidly in the heating of buildings. One (so far, largely untapped) possibility is the utilization of streams of industrial waste-heat with a heat pump. These systems are in the early stages of their development."

The Energy programme of Sitra (Finnish National Fund for Research and Development) and Wedeco Fund IV Ky invested in Oy Scancool Ab last autumn. The investment supports the development of the company from a conventional cooling industry contractor to a technology company supplying energy-efficient industrial heat pumps. Both the individual partners of the company and the parent company Oy Ahlskog Ab see remarkable opportunities in the co-operation initiated with Sitra and Wedeco.

"The entry of the investors provides the company with a very good basis for the further development of the cooling business, and, above all, for the growth and globalization of the heat pump business", Asplund says.

The Paavo V. Suominen Fund supports the development of cooling technology

Paavo V. Suominen developed Huurre Oy into a large company but was forced to sell it during the recession of the 1990s. Suominen is more generally known for his contributions to the refrigeration industry and especially education. The Paavo V. Suominen Fund was founded at the Tampere University of Technology in 1976. In the form of grants and scholarships the fund provides significant support for studies and research in cooling and machine engineering at the Tampere University of Technology. Since 1989 the fund has awarded the so-called Paavo's Prize to individuals or enterprises who have made major contributions to the refrigeration industry.

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