

Hot Swedish cleantech hopes

Written by Johan Nylander

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Swedish cleantech is making its presence felt in the international market, with two companies ranking among the top 100 private cleantech companies in the world.

Two companies listed at the 2011 Global Cleantech 100, produced by the Cleantech Group in collaboration with the Guardian, were Stockholm-based Chemrec and Climate Well.

Climate Well said in a statement that the Global Cleantech 100 list is unique in the sector because it highlights the promise of private clean technology companies from all around the world, focusing on those companies which are most likely to make the most significant market impact over the next 5-10 years.

“We are very proud to be Global Cleantech 100. It shows the great work our team is doing with expansion into the US and South America, as well as our partnerships with top HVAC appliance companies such as General Electric”, said Per Olofsson, ClimateWell CEO.

Sheeraz Haji, Cleantech Group CEO, said that the Global Cleantech 100 list quickly has gained recognition as a leading resource in the cleantech sector.

“Stakeholders including members of the corporate community, investors, and regulators now watch the Global Cleantech 100 list closely to gauge which sectors look most promising and which companies are poised for growth”, she said.

A total of 4,274 companies were nominated this year from more than 45 countries.

The US dominates the list by absolute numbers, but Sweden, Denmark, Israel and the

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Netherlands dominate in nominations per unit of GDP.

Chemrec

Stockholm, Sweden

Product description: biomass

Employees: 30

Year founded 1987

chemrec.se

Sweden could cut 10% of its total CO2 emissions by adopting this new recycling technology, according to Chemrec. The company is working with the paper industry to convert one of its main emissions, black liquor, into biofuels that could be used to replace petrol. If adopted by all Swedish paper mills, the technology could provide enough biomethanol and "bioDME" fuel to keep half the Swedish truck fleet on the road.

Climate Well

Hägersten, Sweden

Product description: heating and ventilation

Employees: N/A

Year founded 2001

climatewell.com

Families can save up to £160 a month through cutting their energy costs by about 85%, say the pioneers of the heat pump system developed at Climate Well. So far the company has set up sales teams mainly in countries where heating and cooling are priority issues, such as Australia, India and Spain. The technology is based on a patented "triple-state absorption" process which can turn heat into cooling without electricity.

Full list of [all companies](#) .