

# **Airwatergreen, in collaboration with Acanova AB and Nordamark AB, has been granted funding for a project in food production from the Energy Agency**

UPPSALA 230914



The Swedish Energy Agency (Energimyndigheten) has submitted a grant to Acanova AB, Airwatergreen AB and Nordamark AB for the implementation of the project "LEST is more! - Lower Energy Steam Treatment in food industry".

The purpose of the project is to demonstrate a more energy-efficient process for steam treatment of seeds for food and seed. The project is considered to be able to contribute to the transformation of the energy system because the solution's treatment equipment can lead to energy savings for several players in indoor cultivation. The Energy Agency also assesses that the solution has the potential to benefit the climate as it can lead to less food waste, more natural cleaning of crops and increases in yield.

Acanova developed ThemoSeed in the 2000s, which is a steam treatment of seeds for food and seed. The method is state-of-the-art in Scandinavia and is installed in France, Switzerland, the USA and Japan and in 2020 was named the main innovation during SLU's first 40 years as a university.

Collaborators are Nordamark AB, which has developed and sells a patented technology for the production of sprouts, shoots and microplants (a strongly growing market).

Airwatergreen's products for air treatment are based on its own patented technology that provides a number of unique advantages. All the products have a uniquely low power consumption, efficiency even at low temperatures and are very easy to install. In the project, Airwatergreen technology Controlled Vapor Pressure (CVP) will be used to maintain an optimal moisture level and temperature during the treatment of seeds. This ensures the best quality and efficiency in the process. The CVP technology makes it possible to maintain a stable indoor climate with a uniquely low energy consumption.

"We are very proud of this certificate of energy efficiency that we have received through this award from the Energy Agency. The collaboration with Acanova AB and Nordamark AB is an exciting step into the rapidly growing market for indoor cultivation, where our products and technology can add great value in the form of reduced electricity consumption and simplified operation!", says Bo Tiderman, CEO of Airwatergreen.

Airwatergreen AB is a Swedish air treatment company that offers energy-efficient dehumidification and air treatment in all climates. We design and manufacture desiccant air treatment products that efficiently remove moisture and maintain a suitable indoor climate, which prolongs the life of buildings, goods and equipment, and creates a healthier workplace environment to stay in. The products are designed with our patented technology, technologies that give the products a number of unique advantages. Advantages are half the energy needed, plug-n-play installation and the same efficiency in all temperatures. Today we have more than 800 installations in 8 countries

Read more [www.airwatergreen.com](http://www.airwatergreen.com)

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