



Scandinavian Microalgae Producer Selects Heliospectra LED Grow Light System

(GOTHENBURG, Sweden/SAN FRANCISCO, CA, April 7, 2016) – Heliospectra AB (publ) (OTCQB: HLSPY, FIRSTNORTH: HELIO), a world leader in intelligent lighting technology for controlled environments horticulture, is excited to announce its newest order valued at just over \$170,000 USD (1,4 million SEK) to a Scandinavian microalgae farm. Heliospectra has together with the customer helped develop a new LED lighting system based on the LX60 Series, to be used in their patented production system in Norway.

By combining production technology with microbiological know-how, the customer has developed a new technology solution producing high-quality products derived from microalgae for food, animal feed, and industrial products. A new project was initiated in Q1 of 2016 to upgrade their existing production system with the goal of the project to present an industrial, scalable and commercial production solution indoor. The addition of LED lighting in algae production is a way to improve the quality of light as well as increase penetration of light into the water.

Staffan Hillberg, CEO of Heliospectra, commented, "Aquatic organisms are often cultivated in open ponds. But the quantity of algae that can be harvested from these ponds becomes limited since they need light to grow, and sunlight rarely penetrates beyond the first few inches of the water. Not to mention the constant risk that the algae might be contaminated by other microorganisms grown outside. A fully automated system in a controlled environment helps increase production and reduce the risk of contamination. We're excited to prove the benefits of LED lighting in algae production and proud to do it together with a company in the forefront of algae production."

Microalgae are highly versatile organisms, making algae a promising and exciting source for a number of products such as health products, biofuel, animal feed, food, cosmetics, and pharmaceuticals.

About Heliospectra AB

Heliospectra AB (publ) (OTCQB: HLSPY, FIRSTNORTH: HELIO) (www.heliospectra.com) specializes in intelligent lighting technology for plant research and greenhouse cultivation. The Company's lighting system provides an effective and durable technology for cultivating greenhouse and indoor plants by combining several different groups of versatile light emitting



diodes (LEDs) with optics, remote sensing techniques, and a robust heat dissipation solution. This proprietary setup gives growers the ability to control the intensity and wavelengths of the light emitted, creating a spectrum specifically adjusted to different plant species and growth stages to better facilitate photosynthesis. The complete, highly-engineered lamp produces crops that look better, taste better, and have a longer shelf-life than those grown under HID lamps. The technology not only reduces energy consumption by up to 50%, but also helps stimulate growth characteristics and improve plant quality. Other benefits include reduced light pollution, lower mercury use due to the avoidance of traditional HID/HPS bulbs, and less HVAC investment and monthly expense requirements.

Heliospectra products are based on in-depth knowledge in plant physiology and photosynthesis along with a unique way to utilize modern LED technology. After six years of development in Sweden, the company has now begun to expand into the international market. The company has raised more than \$ 21 million in capital and has received more than \$2.6 million through academic scholarships and grants. It has also received numerous awards for its forward thinking technology. Principal owners: Weland Steel www.welandstal.se, Swedish Industrial Fund www.industrifonden.se, Midroc www.midroc.se, Avanza Pension www.avanza.se.

Forward-Looking Statements

The statements in this press release constitute forward-looking statements within the meaning of federal securities laws. Such statements are based on our current beliefs and expectations and are inherently subject to significant business, economic and competitive uncertainties and contingencies, many of which are beyond our control. In addition, such forward-looking statements are subject to assumptions with respect to future business strategies and decisions that are subject to change. Potential risks and uncertainties include, but are not limited to, technical advances in the industry as well as political and economic conditions present within the industry. We do not take any obligation to update any forward-looking statement to reflect events or developments after a forward-looking statement was made.

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