Heliospectra's helioCORE™ Light Control System Recognized by the American Society of Agricultural and Biological Engineers with a 2019 AE50 Award

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Heliospectra AB (publ) (OTCQB: HLSPY, FIRST NORTH: HELIO), a world leader in intelligent lighting technology for greenhouse and controlled plant growth environments, is proud to announce that their innovative LED grow light control system helioCORE™ has been recognized by the American Society of Agricultural and Biological Engineers with a 2019 AE50 award for " Outstanding Innovations in Product or System Technology."

The annual AE50 awards are presented by ASABE each year to honor product innovations in the areas of agricultural, food, and biological systems, recognizing companies that achieve significant engineering advancement and impact on the markets served.

The AE50 winners represent the best innovations in agricultural and crop production and include machines, systems, components, software and services. An expert panel of engineers select the winning 50 products from numerous entries submitted each year.

"The helioCORE platform and our light control system demonstrates how processing big data and monitoring plant health can accelerate the automation and development of artificial intelligence applications for agriculture and horticulture around the world," said Peter Nyberg, CTO, Heliospectra AB. "Growers and operations teams can now use real-time data to make decisions in an informed way and respond to changing market demands with complete control over their lighting and cultivation environments."

"Proven by our customers, helioCORE is the first and only light control system that enables businesses to improve crop quality while standardizing production and increasing year-round yields with predictable, repeatable results," said Ali Ahmadian, CEO, Heliospectra AB.

Heliospectra's innovative helioCORE light control system combines hardware, software and sensors to fully automate greenhouse or indoor cultivation environments. The helioCORE system offers three control modules for real-time monitoring across the plant growth cycle and includes dynamic light response, light zones and groupings, remote monitoring and alert notifications to deliver the precise quality and intensity of light required by plants 365 days a year.

helioCORE Control Modules

- **SCHEDULE CONTROLLER** – allows automated, pre-set schedules and light spectra strategies across the growth cycle.
- **ON TARGET CONTROLLER** – maintains consistent Photosynthetic Photon Flux Density (PPFD) levels at the leaf surface to maximize plant photosynthetic efficiency using dynamic light response and sensors.
- **DLI CONTROLLER** – supports optimal plant growth and prioritizes lamp use at the most cost-effective hours for energy use Daily Light Integral (DLI) targets.

The system is compatible with Heliospectra's fully adjustable spectrum ELIXIA LED grow light to create clear business benefits for cultivation teams and researchers around the world.

The American Society of Agricultural and Biological Engineers (ASABE) was founded in 1907 and is an esteemed educational and scientific organization dedicated to the advancement of engineering applicable to agricultural, food, and biological systems. Today, ASABE is comprised of members in more than 100 countries.

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Heliospectra AB (publ) (OTCQB: HLS, FIRST NORTH: HELIO) is the global leader in intelligent lighting technology, light control systems and related services for greenhouse and controlled plant growth environments. With the vision to make commercial crop production more connected and resource-efficient, Heliospectra integrates customized LED spectral strategies with real-time response and artificial intelligence to create predictable and reliable business forecasts and harvest results. Founded in 2006, Heliospectra is committed to helping growers and commercial producers across six continents consistently increase yields and produce crops with quality appearance, superior nutritional or medicinal value and longer shelf life, harvest after harvest. Heliospectra is the recipient of multiple international awards and recognitions. For more information, please visit https://www.heliospectra.com.

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.