

LED iBond awarded DKK 6.25 million EUDP grant for development of advanced horticultural lighting system

LED iBond International A/S (LED iBond) has been awarded a grant of DKK 6.25 million from the Energy Technology Development and Demonstration Programme (EUDP), administered by the Danish Energy Agency. The funding supports a new development project aimed at significantly reducing energy consumption in greenhouses and vertical farming environments.

The project, *HORTISABER – Intelligent Lighting and Control System for Greenhouses and Vertical Farms*, builds on LED iBond's existing lighting panel technology. The system will combine high-efficiency LED panels with sensors, real-time data processing, and cloud-based closed-loop control of the growing environment.

Key project targets include:

- **71% energy savings** compared to traditional HPS (High Pressure Sodium) lamps
- **50% energy savings** compared to LED iBond's current HORTISABER system
- Potential energy savings of **141,521 MWh/year** in Denmark – equivalent to the electricity consumption of approximately 85,500 households

The global market for sustainable cultivation solutions is growing rapidly. LED iBond estimates the commercial potential of this project to be **DKK 600 million by 2030**, based on a 1% global market share.

*"The EUDP grant is an important recognition of the relevance and scalability of our technology," says **Flemming Thomsen, Interim CEO of LED iBond**. "It enables us to accelerate the development of next-generation intelligent lighting systems and deliver measurable climate impact through energy savings in horticulture."*

While the grant does not affect LED iBond's short-term revenue outlook, management highlights its strategic importance. The funding primarily supports internal development activities such as salaries, prototyping, system integration, and demonstration testing while small investments are needed.

By accelerating an ongoing R&D process, the grant enables LED iBond to bring an enhanced, more energy-efficient horticultural lighting solution to market faster than originally planned. This may strengthen the company's long-term competitiveness and revenue potential in the rapidly expanding sustainable agriculture sector.

The project is expected to kick off in Q3 2025.

It is management's assessment that the EUDP grant will not have a significant impact on the company's 2025 guidance.

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Further Information

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About LED iBond International A/S

Founded in 2014, LED iBond offers sustainable, innovative lighting solutions, based on years of development and deep knowledge of modern LED technology combined with advanced packaging and simple assembly technology.

LED iBond is focusing on three key business lines: Parking Facilities (Parking Houses & Solar Carports), Indoor Farming (Greenhouses & Vertical farms) and Service Stations (Canopies & Car Wash).

Our technology platforms TRACY®, GRACY™ and HORTISABER™ offer unique value propositions.

TRACY® and GRACY™ are developed to meet demands for high design flexibility, robustness, easy integration into building construction, less cables and low total costs of ownership due to market leading energy efficiency.

HORTISABER™ is a new generation of LED grow lights for indoor farming. It's developed to meet the demands from modern greenhouse productions with outstanding energy efficiency, light uniformity, superior passive cooling design that enhances the lifespan significantly and the unique linear slim-line design ensures minimal daylight shadow.

LED iBond's lighting solutions have been installed in many large-scale projects ranging from Parking Houses, Charging Hubs, Solar Carports and Greenhouses to customized illumination projects such as shopping centres, intelligent shelf lighting and elevator ceilings.

LED iBond is a Danish design and manufacturing company.