

REACH: non-regulatory announcement*

Light Science Technologies Holdings plc
("LSTH", "Light Science", the "Company" or the "Group")

AgTech Update

Light Science Technologies Holdings plc (AIM: LST), the innovative technology and manufacturing business providing real-world solutions targeting issues including global food security and fire safety, provides an update highlighting the increasing global opportunity for its AgTech division.

Highlights

- Extension of partnership to distribute market leading lighting solutions for controlled environment agriculture, comprising glasshouses, polytunnels and other indoor growing
- Growing demand for indoor and broadacre solutions
- Increasing international reach

Distribution framework agreement extension

The AgTech division has extended its distribution framework agreement to distribute products developed by Gavita International B.V., a global supplier of horticulture lighting solutions, for a further 12 months to 31 December 2026.

Having already delivered solutions to a customer in Poland earlier this year, the pipeline of global opportunities relating to this partnership has grown to in excess of £24.0 million from approximately £10.3 million when it was originally announced on 10 February 2025.

Increasing levels of pipeline conversion and globalisation

Recent AgTech orders include both retrofit and new-build glasshouse turnkey solutions, tailored to the end-users' specifications. Additionally, an order from Haygrove Limited, a global grower of berries and cherries, and supplier of field-scale polytunnels and associated technologies to growers in more than 50 countries, will result in the delivery of the SensorGROW platform into Australia, New Zealand, Jordan, Poland and the USA. The Company is also set to have its climate computers installed in a greenhouse in Bhutan.

Growing product suite

The Company continues to develop innovative environmental sensor solutions that will further enhance positive client outcomes. For example, in a recent trial with Dyson evaluating Life Cycle Assessment in peas, SensorGROW was utilised to measure nitrous oxide, demonstrating how the gas can inhibit crop growth triggered by inefficient use of fertilisers. The Board considers that there are still numerous market opportunities available through developing the Company's sensor technology further, with key potential developments including methane, ammonia and water course measurement.

Simon Deacon, CEO of Light Science, commented:

"We are delighted with the increased recognition and opportunity globally and are in concrete talks regarding a number of exciting, and importantly, sizeable contracts. We see distribution agreements as key to our low-risk, low cost growth strategy as we target a growing, global audience, with increasingly strong demand for global food security and sustainable growing solutions underpinning our confidence in converting the AgTech pipeline, which currently stands at approximately £45 million. Furthermore, we believe that the growing range of innovative solutions we are developing will underpin increased demand from an even wider audience."

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Notes to Editors:

About Light Science Technologies Holdings plc (www.lightsciencetechnologiesholdings.com)

Light Science Technologies Holdings plc operates through three divisions: Passive fire protection ("PFP"); AgTech ("AGT") and contract electronics manufacturing ("CEM"). The company is involved in the design, manufacturing, and installation of products and customized solutions spanning various industry sectors, including commercial horticulture, pest control, lighting, audio, gas detection, and fire protection. With a focus on addressing global challenges related to food security, climate change, and fire protection, the Group is committed to developing robust solutions in these rapidly growing market sectors.

LSTH is the holding company for LSTH IFB Limited ("LSTH IFB") in the PFP division; Light Science Technologies Ltd ("Light Science Technologies") and Tomtech (UK) Limited ("Tomtech") in the AGT division and UK Circuits and Electronics Solutions Limited ("UK Circuits") in the CEM division.

Passive Fire Protection (<https://injectafirebarrier.com/>)

LSTH IFB offers a practical and cost-effective solution to rectify non-compliant public and private buildings, spanning residential, commercial, and industrial sectors, with regard to fire safety regulations - a challenge addressed by a £6.1 billion allocation from the UK government. Serving as the UK's premier independent approved installer, LSTH IFB utilises the ground-breaking Injectaclad fire-resistant graphite barrier system. This system is retroactively installed within building cavities, reinstating fire-resistant performance and containing the spread of fire and smoke compliant with regulatory requirements. This innovative solution stands out as an appealing alternative to the more costly and disruptive method of removing external facades and installing traditional fire barriers. With a proven track record in the passive fire protection market and a robust sales pipeline, LSTH IFB targets a UK market potentially valued at up to £50 billion*.

AgTech

The Group's tailored solutions encompass control systems, grow lights, sensor technology, venting, and irrigation systems, catering to both UK and global customers. Key markets include indoor, vertical, glasshouses, polytunnels, and more recently wider applications in broadacre farming. Driving factors comprise global food and water shortages, a growing population, government policies promoting sustainable growth methods, heightened scrutiny of food production's impact on climate change, and a shift away from processed foods. Key markets span the Americas, Australasia, and select locations in the Middle East.

The sensorGROW technology enables real-time monitoring of essential air zone growing factors such as carbon dioxide, air humidity, air pressure, air temperature and light, in addition to essential root zone cardinals such as soil temperature, soil moisture, and soil electroconductivity. Further developments to monitor greenhouse gases, initially Nitrous Oxide (N2O) are in progress. This empowers farmers to enhance resource management, saving costs on water, nutrients, fertilizers, and energy, while simultaneously increasing yields and cultivating healthier crops. Learn more here: <https://lightsciencetech.com/sensorgrow/>. The nurturGROW sustainable grow lighting product range, applicable to greenhouses, vertical farming, polytunnels, and licensed medicinal plants, addresses a robust market with an anticipated global worth of £9.1 billion** by 2030. Explore solutions here <https://lightsciencetech.com/solutions/greenhouse/>

Through Tomtech, the Group stands out as a UK leader in control systems for commercial greenhouses and polytunnels. Tomtech enables growers to optimise and automate cultivation environments, leading to superior crop growth. The product range includes control systems, software, irrigation, lighting, sensors, and venting, applicable across various crops, ultimately improving yields and profitability. Discover more here <https://www.tomtech.co.uk/>

Contract Electronics Manufacturing (<https://www.ukcircuits.co.uk/>)

UK Circuits serves as the Group's profitable and well-established CEM-focused division. It excels in designing, procuring, and manufacturing high-quality electronic products, with a specialisation in printed circuit boards. These products find application across diverse sectors such as audio, automotive, electronics, gas detection, lighting, pest control, telecommunications and AgTech.

* [Estimators price cladding replacement at 10 times government budget \(theconstructionindex.co.uk\)](https://theconstructionindex.co.uk/) 2021

**[Report: Allied Market Research LED Grow Lights Market Analysis 2030; \(https://www.alliedmarketresearch.com/led-grow-lights-market-A12416\)](https://www.alliedmarketresearch.com/led-grow-lights-market-A12416): USD 12.3 billion by 2030 converted at GBP£1 = USD 1.35.

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