



# Intelligent Growth Solutions

## Intelligent Growth Solutions (IGS) background

IGS is a multi-award-winning global business, based in Scotland, which designs, supplies, and supports vertical farms for growers all around the world. The business blends engineering, crop science and agronomy skills to build the best technology to allow our customers (the growers) to succeed. Our vertical farming infrastructure uses Total Control Environment Agriculture (TCEA) to manage each stage of the growth cycle and all operational inputs. The software determines optimal recipes of weather and manages the operation of the farm: lighting, watering and ventilation as well as applying nutrition.

IGS Growth Towers are modular in construction and readily scalable. They can grow a wide variety of crops including microgreens, herbs, salad leaves, brassicas, roots, fruits, botanicals (including edible flowers) and tree seedlings.

In 2018, IGS opened its Crop Research Centre in Invergowrie, Scotland, at the James Hutton Institute, a world-renowned crop and plant science research facility. At this site, we work in close collaboration with industry and our customers to continually advance the understanding of plant science. IGS continues to prioritise R&D investment to ensure that our platform offers the greatest levels of control whilst achieving economic viability, scale and minimal environmental impact.

## Investment in IGS

To date, IGS has raised £58.8 million in institutional fundraising, enabling the business to enter commercial production and take its systems to global markets.

The latest Series B investment round was supported by a conglomerate of new investors including COFRA AG (Zug, Switzerland), Cleveland Avenue LLC (Chicago) and DC Thomson (Dundee, Scotland). The new investors were joined by existing Series A institutional investors Ospraie Ag Science (New York City), S2G Ventures (Chicago), venture capital firm AgFunder (San Francisco); and Scottish Enterprise in the Series B investment round, with private shareholders and IGS staff also contributing.

IGS has continued its trajectory of rapid expansion despite a multitude of global challenges including the COVID-19 pandemic, economic and supply chain disruption, and the conflict in Ukraine, growing from 25 to nearly 250 employees and deploying its systems to customers on four continents.

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