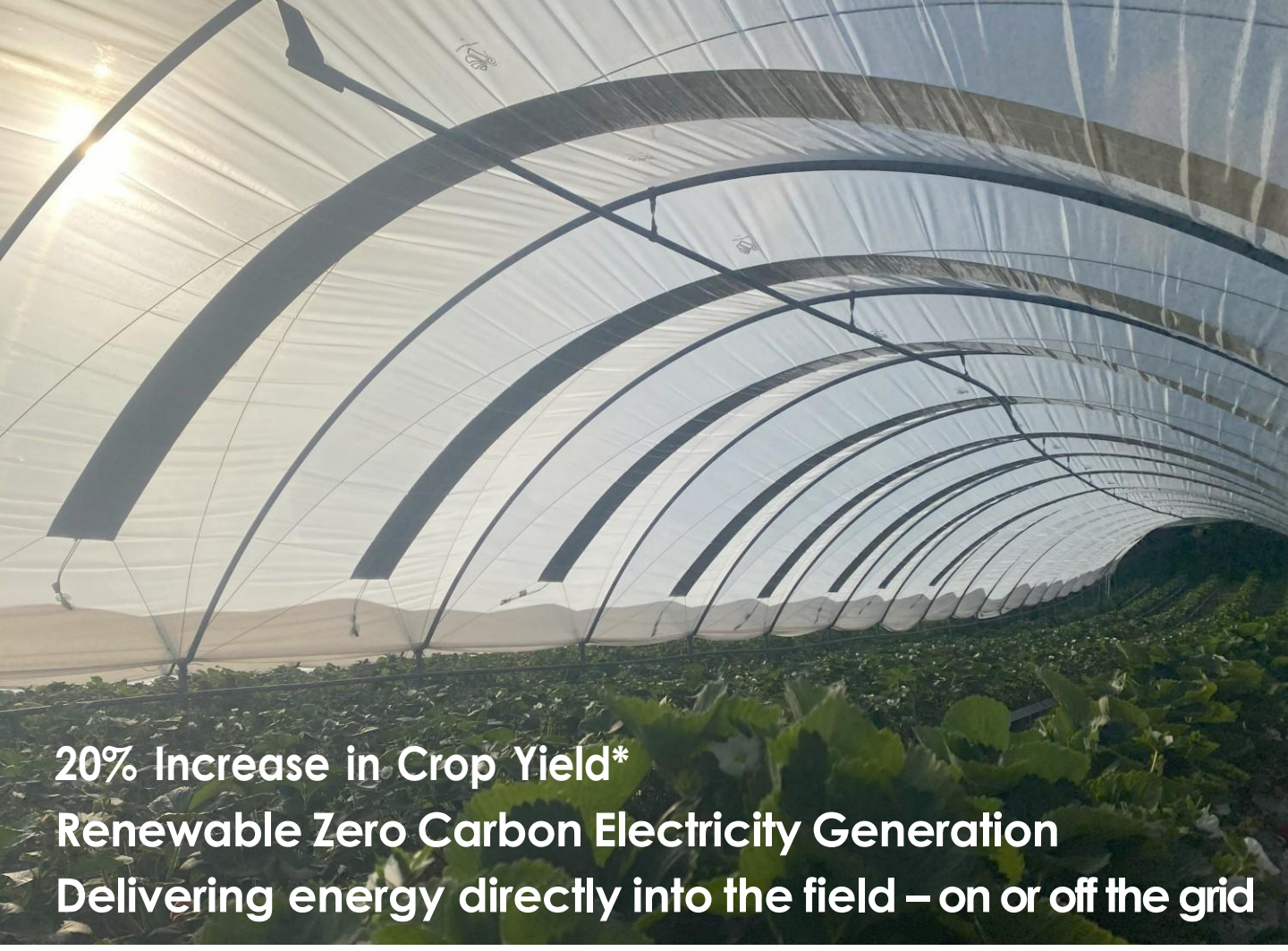


20% Increase in Crop Yield*

Renewable Zero Carbon Electricity Generation

Delivering energy directly into the field – on or off the grid

Agrivoltaics

Polysolar

Scan the QR Code to see our Full Solar Solutions

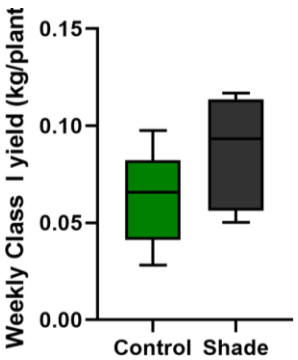
Advanced Applications in Photovoltaics

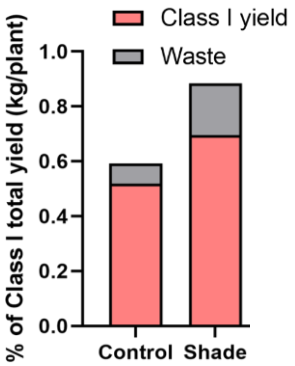
Polysolar

Agrivoltaics - solar integrated into agriculture offering dual land use - enabling farmers to generate renewable energy off grid for their own use, or as a revenue stream by exporting power to the grid. This is combined with continued and improved agricultural production. With more controlled growing environments, lower resource inputs and ultimately higher yields.

Transparent Solar PV Glass - technology deployed in greenhouses as a thermal power generating window. Offering improved and regulated environmental control (heating, lighting, irrigation, etc.) while generating clean renewable energy to automate, electrify production and reduce the operational carbon footprint.

Lightweight Flexible Solar Panels – provides for innovative application in horticultural polytunnels, delivering in field renewable electricity to run robotic pickers, irrigation or lighting etc. The simple movable solar system with battery storage enables the farmer to manage and install the solar system without additional planning and controls.





***20% Extra Crop Yield** - two years of UK academic trials on polytunnels reveal that, even under reduced light, strawberry yields rose by 20%.
Similar gains have been confirmed in leafy greens and other global crop studies. Increased productivity in both farming and energy generation creates a win-win for growers.

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