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IFarm to develope robotic vertical farm in Switzerland

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UAE-based, iFarm, a technology company enabling IT-driven farming in controlled environments, announced the start of the construction of a vertical farm with its technologies in Switzerland. The client is the Swiss company Hygrow. Based on the iFarm StackGrow technology, this top-notch robotic farm will start operations in the summer of 2025.

The vertical farm will have a 1,031 mÂ² cultivation area and will produce green crops, amounting to several tonnes of ultra-fresh greens per month. The yield will be distributed to the countryâ??s major retail chains.

â??In recent years, we saw significant challenges for the vertical farming industry in Europe. iFarm successfully navigated this period, thanks to various projects in the MENA countries and Indonesia. In 2024, we re-emerged in the European market with our top-notch, fully automated system, now in construction in Switzerland.â? said Alex Lyskovsky, founder and CEO at iFarm.

The farm will utilise iFarm StackGrow technology, a fully automated system with mobile trays for growing plants on vertical farms. Compared to semi-automated vertical farms, this technology increases plant density by 67 per cent and doubles monthly yield and revenue.

The robotic farm will have automated systems for planting, washing trays, and cutting plants. The only production processes that require manual labour are equipment maintenance and disinfection. Automation significantly reduces the number of farm staff and, therefore, operating costs. The annual savings on workers' salaries amount to approximately 370 thousand dollars.