

Thailand begins exploring AI powered autonomous agricultural drones

03 March 2023 | News

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XAG (HQ:China), a smart agri-tech firm, has collaborated with FarmInno (HQ: Thailand) by Chia Tai Group, Thailand's leading innovative agricultural company, to introduce fully autonomous agricultural drones in Thailand.

XAG focuses on developing drones, robots, and AI technology to advance farming processes with a vision to build a smart agriculture ecosystem for the future. Through the strategic partnership with XAG, FarmInno (Thailand), one of Chia Tai's new businesses, aims to tackle challenges in agriculture industry, including an aging farmer population, a lack of accessible agricultural technology, and poor cultivation knowledge.

A smart agriculture approach aims to improve both quality and productivity of Thai agriculture by using advanced cultivation technologies. The collaboration results in the development of fully autonomous agricultural drones controlled by intelligent software. This fully autonomous agricultural drone will help farmers to work faster and more precisely especially in large plantations with efficient spreading and spraying.

"Powered by artificial intelligence, these drones are highly efficient at spreading and spraying precision ingredients. Besides saving time and energy, this will also alleviate labor shortages resulting from the country's aging farming population, where the average farmer is 58.46 years old. Moreover, this technology is in line with Thailand 4.0's goal of transforming traditional agriculture into smart agriculture and enhancing Thailand's global competitiveness" adds Manas Chiaravanond, Chief Executive Officer of Chia Tai Company.

Cao Nan, Head of Overseas Business Department, XAG Company Limited says "Our drone applications range from seeding, fertilization to crop spraying, which have helped smallholders and large farms worldwide to grow more with less. With our ambitious plan, we work with strategic partners to expand our high-performance products to other countries, including Thailand, which is one of the leading export countries of high-quality agricultural products in Southeast Asia. Through this partnership, we have seen the potential for growth and development of Thai agriculture which is the mutual ambition to uphold high standards of cultivation and add value to agricultural produce."