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iFarm to construct the worldâ??s largest High-Tech Vertical Farm in Mexico

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In Oaxaca, Mexico, the vertical agriculture technology provider iFarm has partnered with the Opus 2G Group to build a massive automated high-tech vertical farm in the Smart City of Tehuantepec. With its 38.500 square meter cultivation area, the farm will be the world's largest vertical farm and built with cutting-edge technology.

A Smart City of Tehuantepec will be built by Opus 2G Group as part of The Smart Industrial Corridor Benito Juarez (CIINT) project. The initiative forms part of Tehuantepec Isthmus Interoceanic Corridor, a governmental initiative. In order to boost economic growth in Mexico's Southeast states, it connects the port of Salina Cruz in Oaxaca with Coatzacoalcos in Veracruz. Opus 2G Group's initiative is supported by the state government of Oaxaca.

As part of its initial phase, the CIINT Benito JuÃ¡rez will create approximately 75,000 jobs in heavy industries such as chemicals, energy, and agriculture.

In the Smart City of Tehuantepec, iFarm will build an automated vertical farm based on cutting-edge iFarm StackGrow technology. The largest automated vertical farm in the world will have a total cultivation area of 38.500 square meters to grow over 35 types of leafy greens and microgreens with a hydroponics vertical farming system. Each month, the farm will produce over 288 tons of high-quality crops. In 2024, the Smart City of Tehuantepec will launch its pilot farm.

By 2028, Opus 2G Group and iFarm plan to build 22 automated vertical farms in the smart city. A wide variety of crops will be grown in the future, including berries, fruits, vegetables, flowers, and medical plants. A joint investigation between iFarm and Opus 2G Group is also underway to develop an indoor farming system to grow coffee and cocoa beans.