

EnviroIngenuity Announces Solar-Powered Hydroponic Vertical Farm at Bluebird Canyon Family Farm

LAGUNA BEACH, Calif., July 30, 2012 (SEND2PRESS NEWSWIRE) – Today, EnviroIngenuity's Urban Hydroponic Vertical Farming Division announced the completion of Laguna Beach's first solar-powered, hydroponic vertical farm. It is located on the private Bluebird Canyon Family Farm property, the first urban organic farm in Laguna Beach with a view of the Pacific.

EnviroIngenuity's [hydroponic vertical farm](#) takes up just 260 sq. ft. and houses 22 Verti-Gro™ towers growing more than 750 plants. The compact design was implemented to demonstrate how easy it is to own and operate a private semi-commercial vertical farm within a residential location. The automated watering system runs twice daily for five minutes and is powered by a single solar panel and battery storage system designed by Mike Sadler from Lighthouse Solar. The same Verti-Gro™ system has been featured at the Epcot™ theme park at Walt Disney World Resort in Orlando, Florida for 16 years.

"This system uses no soil, 90 percent less water, 70 percent less land and 50 percent less fertilizer than traditional organic farming," said Erik Cutter, Managing Director of EnviroIngenuity. "Verti-Gro™ hydroponic commercial and home garden systems produce clean, natural food much faster and conserve resources. Designed to be off-the-grid, this installation opens up many new possibilities to really push the concept of sustainability forward."

The Verti-Gro™ systems virtually eliminate the use of pesticides, ensuring healthier food on the plates in restaurants and in homes.

"Leafy greens are one of the single most nutrient-rich foods on the planet," said Cutter. "Our simple system grows powerful, healthy greens that can benefit everyone who wishes to feel better and avoid chronic illnesses."

Localized high-yield vertical gardens also eliminate the need to transport food from the distant field to the store and then to the home, cutting greenhouse gas emissions over 90 percent.

About EnviroIngenuity:

EnviroIngenuity was founded in 2009 by Erik Cutter. The company is comprised of forward-thinking professionals, whose goal is to take advantage of the growing demand for more efficient, cost effective sustainable energy solutions, employing solar PV, hi-efficiency LED lighting, green building and hydroponic vertical food production technologies. EnviroIngenuity's mission is "advancingreenergy" and reducing waste, thus better utilizing limited natural resources. As we invest in a lower carbon future, the EnviroIngenuity team is focused on helping organizations move forward to deploy sustainable energy solutions using disruptive technologies. Learn more at: <http://www.EnviroIngenuity.com/> .

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