



# Ecological Lifestyles for CO<sub>2</sub> Reduction

3.311.426 kgs of CO<sub>2</sub> saved to date with a saving of € 1.241.766



Search

Home » News » Biopic: the Italian vegetable garden that is successfully spreading in California

## Biopic: the Italian vegetable garden that is successfully spreading in California

At the Maker Faire in San Francisco, the event dedicated to innovation and creativity in the Silicon Valley, the Made in Italy system to grow vegetables at home has been very successful and involved over 100 thousand visitors.

It's called Biopic and it's a simple kit to create an organic garden at home, with rechargeable leds. The project developed by the Italian researcher Renato Reggian and his team, is made of several modules can be easily adapted to all spaces in the apartments, even the smallest.

Thanks to a system of smart layers the kit is suitable for cultivating more than 30 varieties of vegetables, also very hard to find species like the carrot of Paris. The system purifies the air of the house because the plants absorb CO<sub>2</sub> and has an automatic watering system thanks to Arduino. The mechanism that allows you to give the plants the correct nutrients is able to integrate the sunlight through the led light built in, so you can feed the plants in all conditions. Biopic is thought to terraces, living rooms of sunny houses, and soon for poor of light and badly exposed rooms.



Beneficiary Coordinator



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