

Geco-Gardens: KATANA Crowdfunding Campaign


| About Geco-Gardens


We plan and construct vertical, automated garden systems for the organic production of fresh vegetables, tasty fruits and aromatic herbs in the middle of the city.



Geco-Gardensystem made of PEFC-certified wood on the roof terrace of 'Bread for the World' in Berlin

Produce your own organic food in the city ...

 completely organic and renewable

 automated and interactive

 vertical, modular and space-efficient

... as simple as playing FarmVille – but with real harvest!

Your own garden

We create new garden areas for example on balconies, terraces, flat roofs and interior yards. The vertical arrangement of the planting containers and the modular design make Geco-Gardensystems very space-efficient, thus fitting even on small spaces.

Recycling of your organic kitchen waste into the best organic fertilizer

Compost worms decompose your organic kitchen waste directly into the best natural fertilizer: vermicompost – containing all essential plant nutrients, natural growth hormones and beneficial soil microorganisms.

Renewable energy

Plant nutrients from the vermicompost are washed out into the water tank. A solar-driven pump circulates the organic nutrients automatically through the planting containers. Finally the water trickles through the vermicompost and gets new nutrients.

Automated control and interactive guidance

The *farmee-App* guides you through the cropping season and allows for full control of the water and nutrient cycle in the garden system. Water your plants even from the office or when you are on vacation. Farming as simple as playing FarmVille – but with real harvest.

Geco-Gardens: own garden - own fertilizer - own energy - own control.



Red compostworms (*Eisenia foetida*) turn your organic kitchen waste odorless into organic food

| Share our vision ...

Inhabitants in metropolitan areas become more and more conscious about where their food comes from and the tremendous impacts on our environment, the climate and small-scale family farmers in Countries of the South.

Although, most resources for food production are available in the cities - sunlight, rainwater and organic waste as fertilizer - garden areas, know-how and time are often scarce.

Geco-Gardens can solve this dilemma: We provide ecologically sound solutions for urban gardening, raise awareness and support self-sustainable food production in cities: consumers become producers: **own garden - own fertilizer - own energy - own control.**

... and support our campaign

Currently we produce the Geco-Gardensystems in small quantities in our garage-workshop ...without even having a garage. After successful market introduction in spring 2017 we want to make the Gardensystems available for a larger number of customers. We are professionalising the production by cooperating with selected suppliers.

Moreover, we collaborate with the hard- and software company [farmee](#) to develop a sensor-based App for the Gardensystem in order to make it even easier to use. The farmee-App:

- allows for monitoring and controlling of the garden system from wherever you are. Switch on the water and nutrient cycle from your office or the beach in your holidays.
- guides you interactively through the cropping season and provides information about 'what', 'when and 'how' to grow.

We make the life-cycle of organic food tangible and connect users with nature - even in the city



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