



VEGGER

Vegger Vertical Farms: Pure, tasteful and innovative





INTRODUCTION

The vertical green solution

Vegger Vertical Farms make growing local and sustainable food simple. Using smart technology, fresh herbs and vegetables grow efficiently in a small area - even without daylight. Thanks to the modular design, these systems fit into a variety of environments: from restaurants and offices to educational institutions and urban projects.

Why a Vegger Vertical Farm?

Vertical Farms offers numerous benefits for both the user and the environment, such as:

1. **Sustainable cultivation:** Less wastage of water and auxiliary materials.
2. **Fresh and local:** Harvest where you use it.
3. **Better indoor climate:** Plants provide more humidity and a more pleasant living environment.

SMART, SUSTAINABLE AND SIMPLE

The unique thing about Vegger Vertical Farms

What sets Vegger apart is its sophisticated design and ease of use. Each system is fully automatic, saves water and fits in almost any space.

What makes Vegger Vertical Farms unique?

1. **Compact design:** Ideal for places with limited space.
2. **Water-saving:** Thanks to the closed irrigation system.
3. **Low maintenance:** Almost everything is taken care of automatically.
4. **Local cultivation:** Reduces transport and ensures products are always fresh.
5. **Scalable system:** One unit or a whole wall - it's all possible

With Vegger Vertical Farms, you get a sustainable, practical solution that grows with your space and needs.



SMART TECHNOLOGY FOR A GREEN FUTURE

Technology & Sustainability

At Ten Brinke Interior Planting, experience and innovation are key. Vegger's Vertical Farms fit in perfectly with our vision: 'integrating nature smartly and functionally into interior spaces.'

The FlaxFarm series uses an advanced hydro system, where plants grow without soil and water savings can reach 95% compared to traditional cultivation. Thanks to a clever irrigation system, the FlaxFarm 35 uses only 120 litres of water per month, and the FlaxFarm 60 about 200 litres, comparable to a short shower.

The energy-efficient LED lighting mimics daylight to ensure crops grow optimally. Both models consume an average of 19,626 kWh per month, comparable to a laptop switched on for 11 hours a day.

With an average harvest time of one month, each FlaxFarm delivers a steady stream of fresh herbs and vegetables. The FlaxFarm 35 accommodates 42 PlantPods, the larger FlaxFarm 60 even 96. The scalable design makes both models suitable for a variety of applications - from small workplaces to larger professional environments.



Atmospheric images Vegger FlaxFarms



**Energy-efficient
and fully automated**



**5-year guarantee
for carefree enjoyment**



**100% pesticide-free
so it's completely safe**



**Up to 95% less
water consumption**

HOW THE FLAXFARM WORKS

The FlaxFarm from the inside

A vertical farm is a compact cultivation system in which plants grow in layers on top of each other. It operates without soil, with water, and is equipped with LED lighting, ventilation and automatic control. Thanks to this technology, herbs and vegetables grow all year round. Ideal for local, sustainable and efficient growing in any indoor space.



① Ventilation system for strong plant growth

A clever ventilation system ensures constant air circulation around the plants. This prevents mould, keeps temperature and humidity stable and stimulates photosynthesis. So plants grow not only healthy, but also vigorous and full. The result? High yields and a reliable growing environment.

② Energy-efficient lighting that lets plants flourish

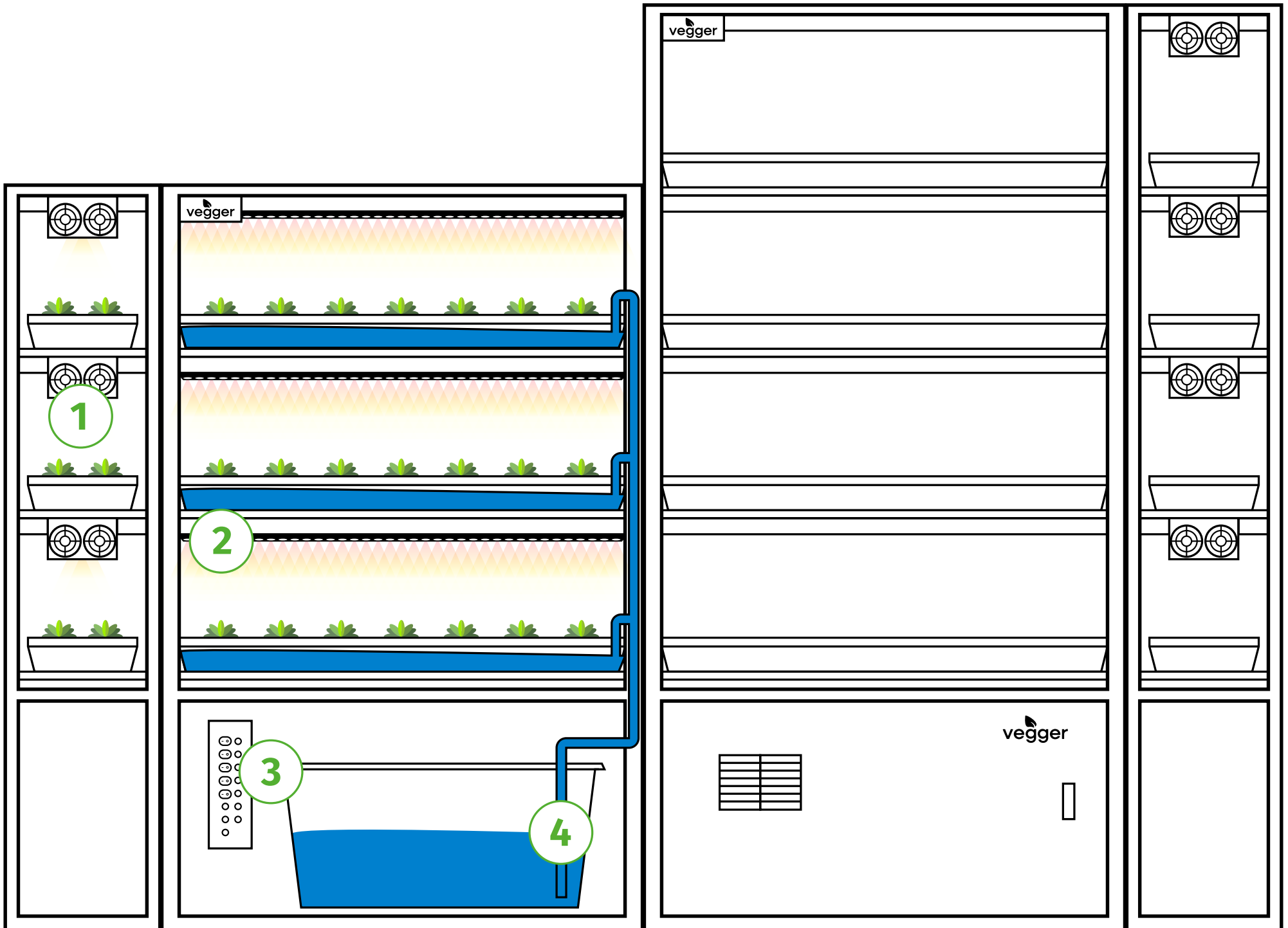
The FlaxFarm features high-quality LED lighting that accurately mimics natural sunlight. This encourages vigorous, even growth and reduces energy consumption by up to 60% compared to traditional lighting. With an average lifespan of 50,000 hours, the luminaires are durable, efficient and low-maintenance.

③ Fully automatic control system

The FlaxFarm automatically regulates light, water and ventilation based on the plants' needs. Sensors continuously monitor the indoor climate and adjust settings when needed. Via the dashboard, you easily track progress and get notifications for water or harvest times - everything under control, effortlessly.

④ Innovative hydro system

FlaxFarm uses an advanced hydro system that pumps water up from an internal tank. The plants grow without soil - all the nutrition is already in the pods. The closed system recycles water continuously and uses up to 95% less than traditional cultivation. This makes it clean, sustainable and low-maintenance.



NATURAL, STRONG AND CIRCULAR

Sustainable PlantPods

The PlantPods are the heart of the Vegger system. They are carefully composed of renewable and recycled materials, such as coconut fibers and ground nut shells. This sustainable growing medium not only provides plants with a solid foundation, but also ensures excellent air and water management.

Thanks to this natural composition, nutrients are better retained and roots receive sufficient oxygen, resulting in strong and healthy plant growth. In addition, the PlantPods are fully biodegradable and free of peat, further reducing the carbon footprint.

Each pod is designed for single use, making cultivation hygienic and efficient. After harvest, the used pods can be easily composted or disposed of sustainably. Thus, each round of cultivation contributes to a circular and responsible way of producing food.

Remarkable: the water in the FlaxFarm turns red. This is due to a natural, iron-rich nutrient solution in the system. When the iron comes in contact with oxygen, it creates a rust color. This is perfectly safe for the plants and a visual sign that the system is actively delivering nutrients.

With the PlantPods, Vegger offers not only convenience and quality, but also a conscious choice for a greener future.



COCONUT FIBRES

Provides an airy and moisture-retaining soil structure



NUT SHELLS

A natural additive that improves soil structure



COCO FIBER POTS

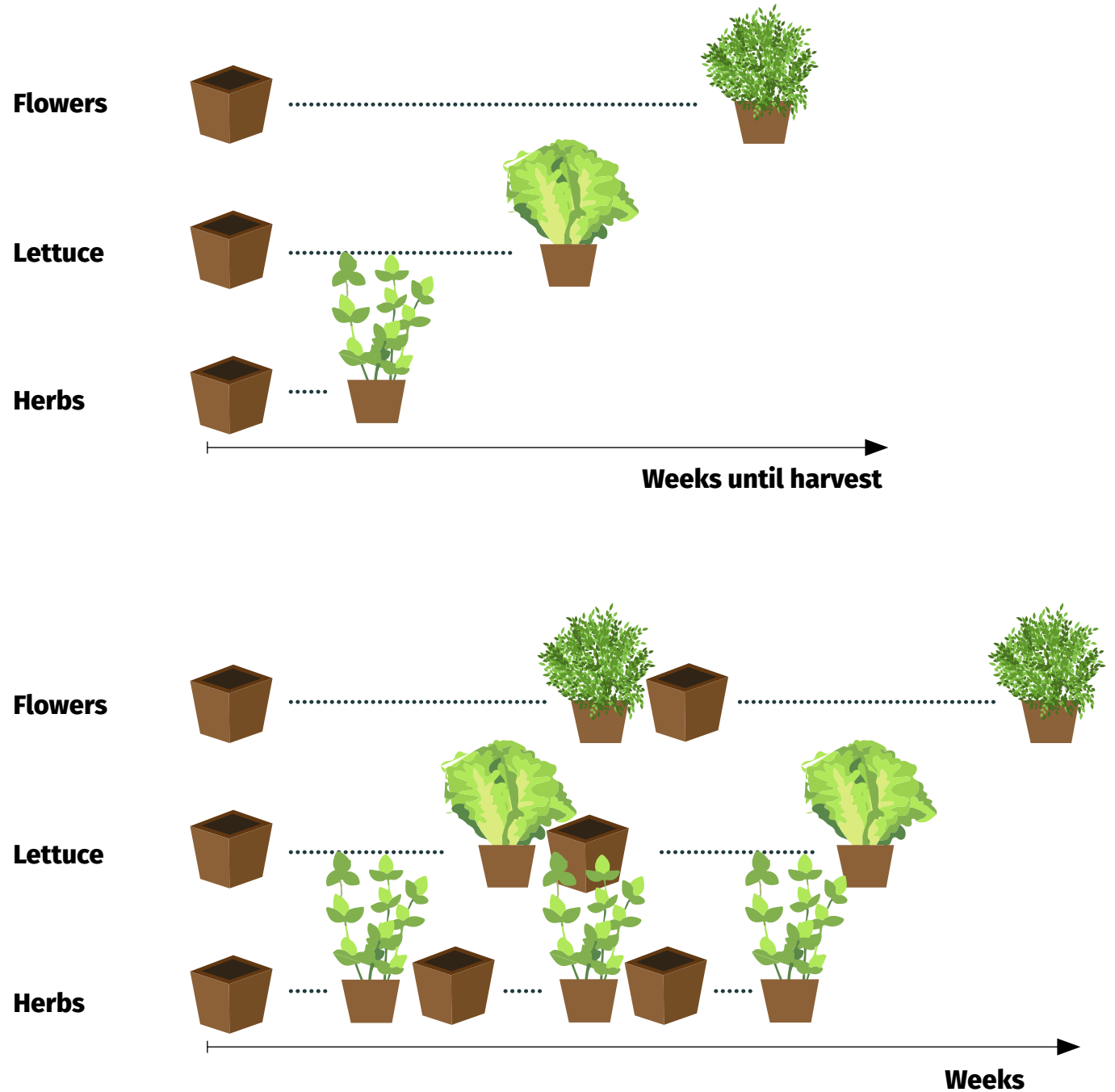
Biodegradable pots contributing to a circular ecosystem

Evergreen and on the move

FlaxFarm is designed so that herbs and vegetables alternate effortlessly. Each crop has its own growth cycle - from fast growers that can be harvested within a week to plants that take three months.

This variation creates a lively image: young leaves, fully grown plants and fresh harvest, all at the same time. This keeps your FlaxFarm evergreen and on the move.

A dynamic system therefore – one that not only adds atmosphere to the space, but also ensures a constant flow of fresh ingredients. It's a place where growing, experiencing and enjoying come together naturally.



ALWAYS FITS YOUR SPACE

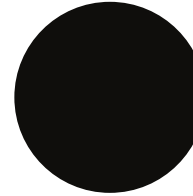
Pick your colour

FlaxFarm is available in four stylish designs: Electro-Galvanized, Midnight Black and Sage Green. Prefer something unique? Then choose your own RAL colour - perfectly matched to any interior or design vision.

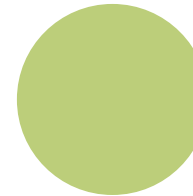
This way, FlaxFarm always matches the atmosphere you want to create.



Electro-Galvanized



Midnight Black



Sage Green



Custom RAL



FROM PLANT TO PLATE

Vegger Harvest Guide

With Vegger, you can harvest what you've grown yourself in just a few simple steps. No hassle, minimal waste – just fresh herbs, exactly when you need them. Follow the steps below to see how easy it is.

Easily harvest what you've grown – in just a few simple steps.

- 1. Remove the HydroPot:** Carefully take the HydroPot (see image) out of the FlaxFarm and place it on a flat surface, such as a tray or table. Tip: use a small dish when moving it – some water may leak.
- 2. Time to harvest:** Use scissors to cut the crop. You can harvest everything at once, or just take a bit and let the rest keep growing. Done? Simply place the HydroPot back into the FlaxFarm.
- 3. Replacing a used PlantPod:** Has the PlantPod been fully harvested? Hold the HydroPot upside down above a bin and remove the old PlantPod. It's fully biodegradable and can go in the food and garden waste bin. Remove any leftover roots from the HydroPot.
- 4. Fresh start, fresh growth:** Place a new PlantPod into the HydroPot and return it to the FlaxFarm. Ready for your next easy harvest.





VEGGER VERTICAL FARMS

**Request free tailor-
made advice via:**

Ten-Brinke.nl/en

or

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