

# WHAT IS VERTICAL FARMING?

Climate change, soil depletion, overuse of water, population growth, urbanisation, and increasing food demand – our food production is facing historical challenges.

Vertical farming can be a solution. It involves growing crops in layers – many layers – close to the consumers: In vertical kitchen gardens on balconies and rooftops, inside supermarkets and restaurants or in vertical urban cultivation centers on a massive scale.

## WHY IT'S SUSTAINABLE:

**No soil and no pesticides**

**Up to 95% lower water usage compared to traditional agriculture**

**Fields being reverted to wild and diverse nature**

**Food production independent of climate and weather change**

**VINYL VEGGIES**

A PART OF  
WORLD CAPITAL  
OF ARCHITECTURE  
2023

vinyl<sup>plus</sup>

pvc  
INFORMATIONSDIENST



RAGN & SELLS



# ABOUT THE VEGGIES INSTALLATION

For UIA 2023 we have specially designed and built a small vertical farm made of recycled PVC.

PVC, also known as vinyl, addresses a pivotal challenge in vertical farming: sourcing practical, sustainable, and affordable materials that can withstand water. Wood rots, steel is expensive, and concrete is heavy. Vinyl is robust costeffective, and lightweight, and can originate entirely from repurposed materials, as demonstrated in this installation.

**COME TASTE  
THE HARVEST!**

**Free veggie snacks  
made by chefs from  
Baka d'Busk  
July 3 from 3:15 PM**

**Baka  
d'Busk**

**VINYL  
VEGGIES**

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The sculpture is presented by VinylPlus®, the European PVC industry's commitment to sustainable development, working to improve the sustainability performance of PVC.

