



VER  
TIKO

Vertical greening systems

# FOR CITIES THAT BREATHE

Innovative green façades  
for liveable cities



# WE CREATE OASES FOR PEOPLE. AND PROPERTY VALUE.

Step outside into the greenery, into the fresh air. City life often comes with a longing for freedom and nature. We believe it's time for people to breathe freely again in their urban spaces – to experience a city climate that is vibrant, healthy, and truly enjoyable. Imagine a city that becomes an oasis for people – and a place for sustainable, future-proof properties with lasting value.

**For cities that breathe. We believe in this vision and do everything to make it a reality.**



As a system manufacturer, we develop innovative greening systems for walls and façades. Our products benefit private and public developers, architects, and tradespeople.

Let's green our cities together so that people can breathe easier.

WE GIVE NATURE BACK TO PEOPLE. AND THE CITY BACK TO NATURE.

# SUSTAINABLY GREENED URBAN SPACES. FOR A LIVEABLE FUTURE.

At Vertiko, we design urban spaces with innovative greening solutions that better meet people's needs. We combine technological and craftsmanship excellence with a deep understanding of our customers' desires and those of city dwellers — all paired with personal customer service throughout the entire project duration.





TOGETHER WITH PROPERTY DEVELOPERS, ARCHITECTS, AND CONTRACTORS, WE CREATE A SUSTAINABLE FUTURE THAT IMPROVES PEOPLE'S LIVES.

# OUR SYSTEMS ENHANCE BUILDING PERFORMANCE IN MULTIPLE WAYS:

Greening measures help regulate temperature, light, and ventilation while improving energy efficiency. The positive effects of our systems contribute to a better ecological footprint and extend the lifespan of buildings.



Reduced energy consumption



Protection of the building envelope



1 litre of evaporated water produces an average of 4 litres of regional rainfall



Thermal insulation through greening



Increased property value



Façade greenery produces oxygen and captures fine dust and CO<sub>2</sub>



Cooling effect during hot weather



Reduced sound reflection



Enhanced biodiversity



Green façades offer aesthetic appeal



Improved quality of life for residents



## TEMPERATURE REGULATION

**Adiabatic cooling** – Our plant systems cool through shading and evaporation, reducing air conditioning costs and preventing buildings from overheating.

**Heat retention** – Greening minimizes heat loss, protects against wind and moisture, and increases energy efficiency.

## LIGHT MANAGEMENT

Our plants provide natural glare protection and serve as an alternative to technical sun protection systems. Depending on the type of greening, light transmission is maintained, saving primary energy and reducing maintenance costs.

## OPTIMISED VENTILATION

Greenery purifies and humidifies the air, cools incoming air in summer, and buffers it in winter. This relieves or even replaces air conditioning systems while improving indoor air quality.

## EFFICIENT ENERGY USE

Façade greening with Vertiko enhances the efficiency of technical systems and supports both active and passive energy generation. It boosts the performance of photovoltaic systems, reduces cooling energy demand, and even enables biomass production.

## RESOURCE-EFFICIENT WATER USE

Our systems enable the sustainable use of rainwater collected from cisterns, reducing potable water consumption while improving the building's climate through evaporative cooling – saving water and providing additional cooling benefits.

## SUSTAINABLE ECOLOGICAL FOOTPRINT

Vertiko systems contribute to CO<sub>2</sub> storage and oxygen production, reduce energy demand, and extend the lifespan of façades. This not only improves the environmental footprint but also provides long-term protection against external influences.



ClimbingSYSTEMS



LivingSYSTEMS





# SPRAWLING OR CLIMBING: OUR VERSATILE AND ATTRACTIVE SYSTEM SOLUTIONS.

Plastered, clinker-bricked, masonry, timber-clad, insulated, metal, aerated concrete, or any other material – nearly any façade or building wall can be planted and greened with our system solutions. Whether office buildings, residential properties, warehouses, schools, data centers, or car parks – we offer aesthetically appealing and structurally well-designed solutions for every type of architecture, façade design, and building style.

Our system approach ensures that the appropriate substructure and the right plant selection are taken into account for every application – a key success factor. To guarantee optimal growth conditions and long-lasting results, our plants are pre-cultivated in a specially developed substrate.

WITH VERTIKO, YOU CAN  
TURN ANY FAÇADE INTO  
A FUNCTIONAL AND SUS-  
TAINABLE EYE-CATCHER.



WE SHAPE A  
LIVEABLE FUTURE.  
AND GREEN IS  
ALREADY PART  
OF THE PRESENT.



Left

- Implenia Bau, Karlsruhe
- BLS Werkstätte, Bönigen (Switzerland)

Top

- NeckarPark, Stuttgart

Right

- IGA, Berlin







Left

- NeckarPark, Stuttgart

Center

- Novartis, Basel (Switzerland)

Right

- Theaterhaus, Berlin
- Wien Energie, Vienna (Austria)





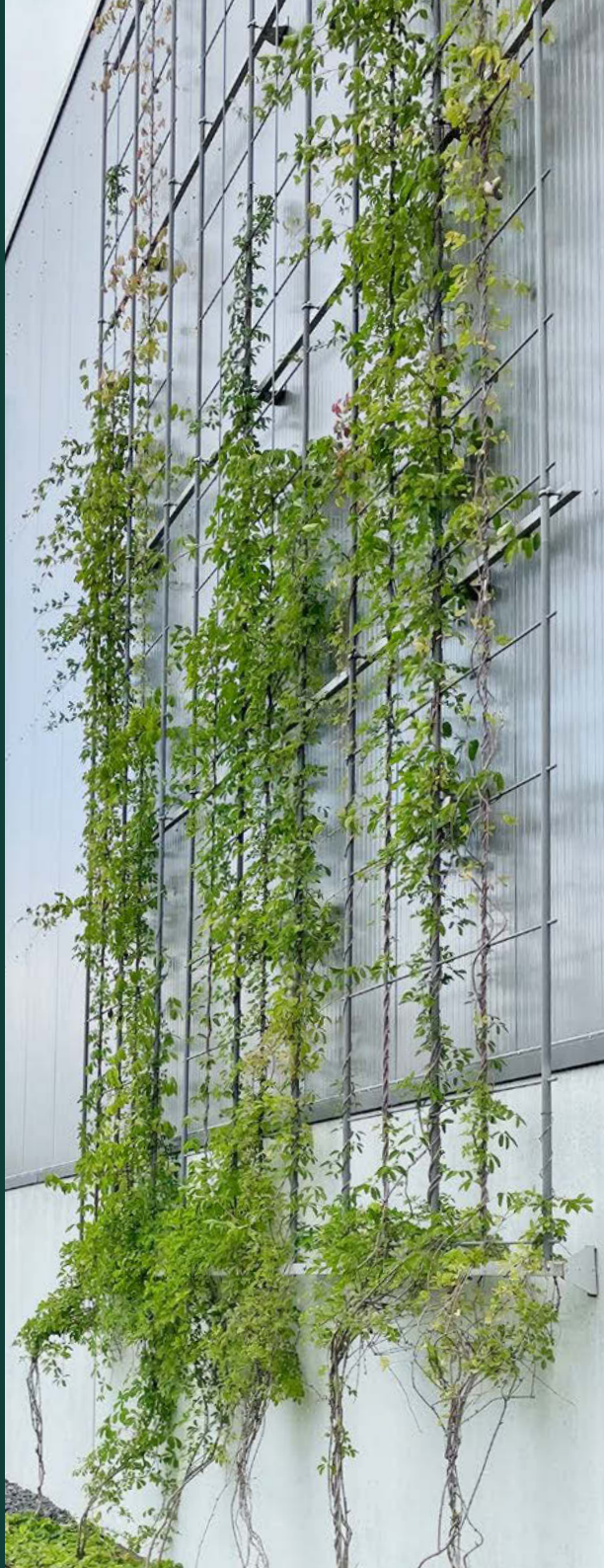
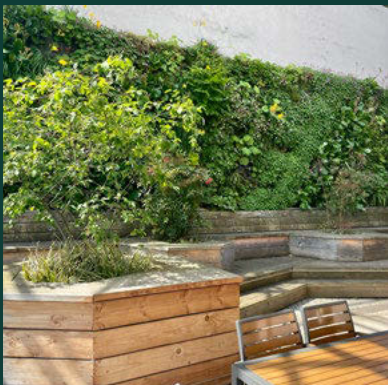
# FROM INDUSTRY PIONEER TO MASTER OF GREEN OASES.

Since our founding in 2010, we have been shaping the world of vertical greening as industry pioneers. Our visionary approach remains strong, enriched by extensive experience and continuous innovation.

Today, we offer not only the versatile LivingWALL PLUS but also a modular, ventilated façade greening system. Additionally, we have developed a proprietary substrate with a perfectly balanced fertiliser mix, ensuring optimal growth conditions for a wide variety of plants.



Our specially designed wall- and ground-based trellis systems offer additional possibilities for creative and sustainable façade greening.



## A DEDICATED TEAM FOR YOUR PROJECTS.

Our team is passionate about façade greening and creating breathing spaces in urban environments. This shared vision connects us closely with our clients – property developers, architects, and specialist contractors.

We support projects from the very beginning: from the initial consultation and selecting the right system and plants to providing assistance throughout the entire project.



## STRONG PARTNERSHIPS FOR INNOVATION.

We collaborate with universities and research institutions to study the impact of façade greening on the environment, keeping us at the forefront of industry developments.

We also conduct our own research: we have tested and evaluated a wide range of plants for vertical greening, shaping our standard plant selection.

Our plants are cultivated in our specially developed substrate to ensure optimal growth conditions. In partnership with ICL Growing Solutions, we offer customised fertilisation solutions that support vitality and long-term plant growth.



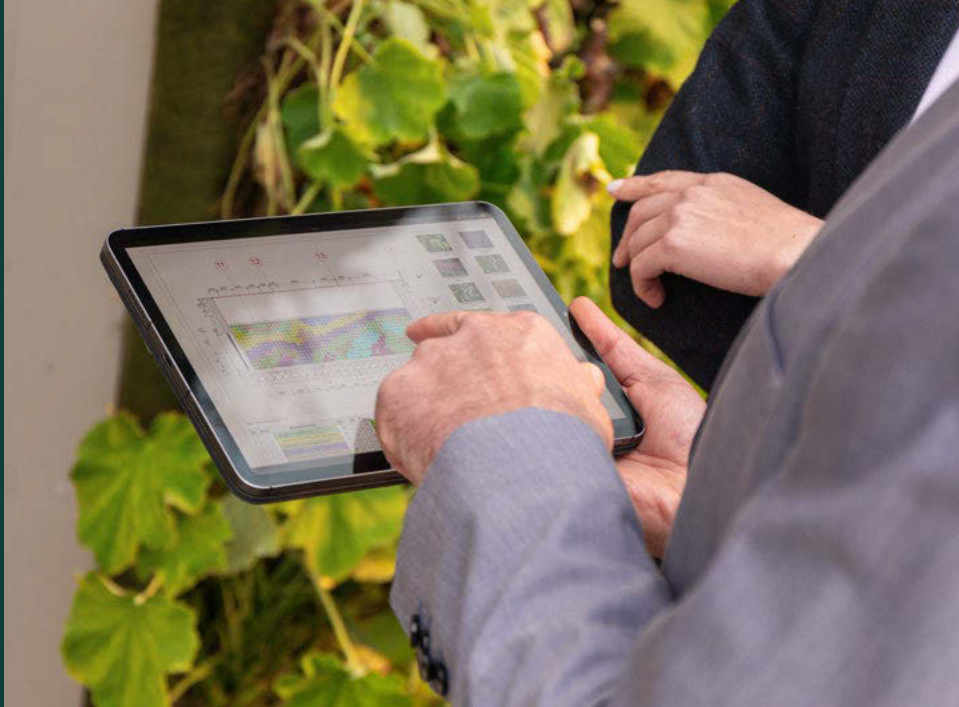
# DEVELOPERS, ARCHITECTS, CONTRACTORS: WORKING WITH VERTIKO LETS YOU BREATHE EASIER.



## DEVELOPERS BENEFIT FROM INCREASED PROPERTY VALUE AND COST SAVINGS.

Vertical greening systems can enhance property value by improving both aesthetics and functionality. Our system solutions are designed to provide added value not only to users and residents but also to the wider community. Developers benefit from façade greening not only when selling a property – they also save on energy costs year after year while protecting the building structure. Additionally, our partner network ensures quick installation and reliable maintenance, achieving long-term benefits for both the property and the environment.





## WE SUPPORT ARCHITECTS FROM VISION TO REALITY.

Anyone designing urban spaces includes custom greening solutions in their projects. Planted walls and façades have become an essential part of modern architectural language. Vertiko provides architects with all the planning tools needed to create tailored solutions for specific building requirements. A wide selection of plants adds flexibility to façade and wall design, while our systems can also incorporate artistic installations, lighting solutions, or corporate branding.

## WE OFFER PROFESSIONAL CONTRACTORS EFFECTIVE SYSTEMS FOR SUCCESSFUL PROJECTS.

Contractors interested in unique and high-quality greening solutions are welcome at Vertiko. As part of our network, partners benefit from clear project planning, easy-to-install systems, and a carefully selected plant range. We provide both technical and personal support throughout the entire project, ensuring smooth execution. For quality assurance, we offer training sessions upon request, enabling our trade partners to deliver outstanding results on every project.





WHICH VERTICAL GREENING SYSTEM IS RIGHT  
FOR YOUR PROJECT?

We're happy to help.

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Technical modifications and errors excepted.