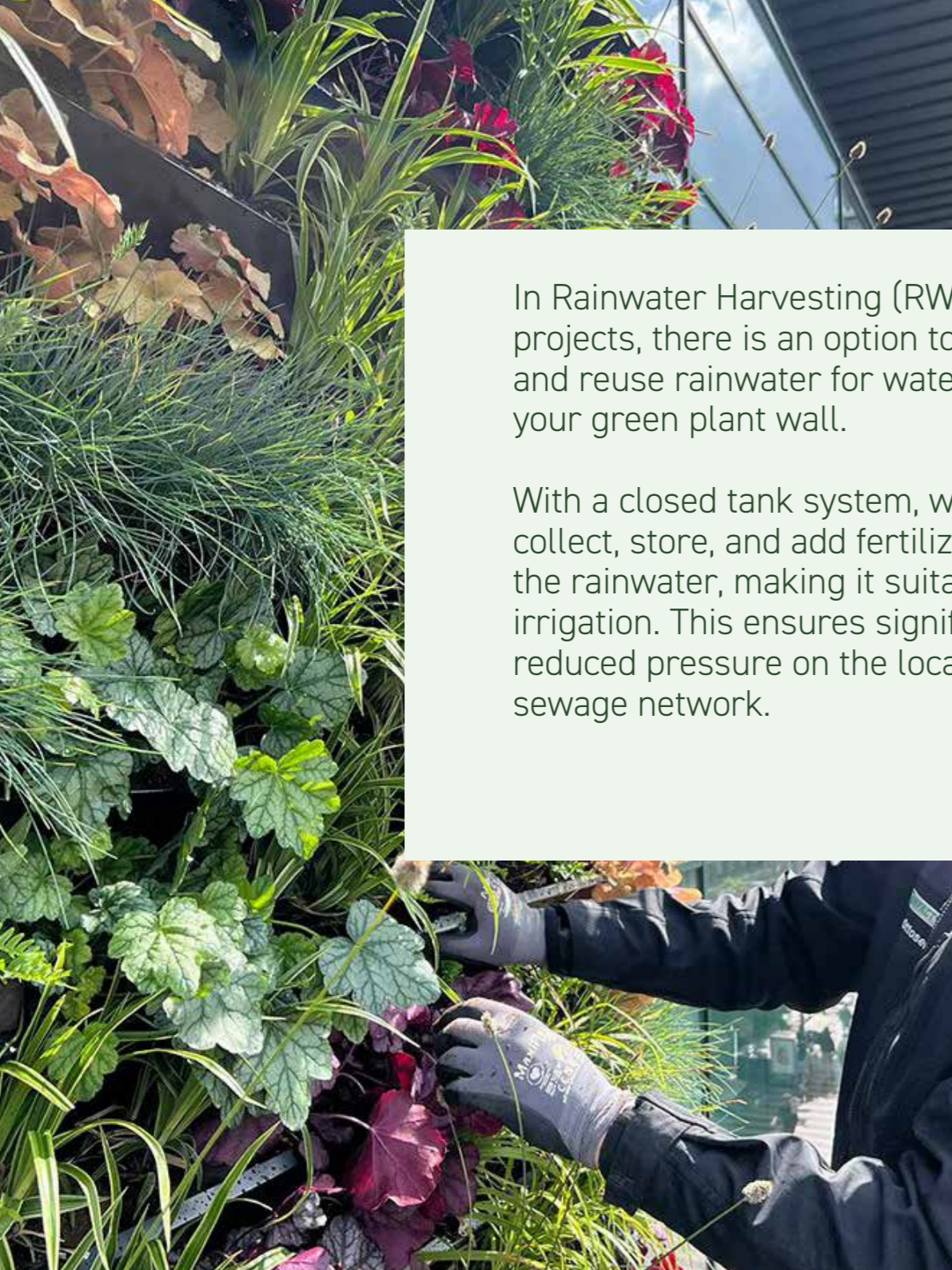


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 NATURE  
IMPACT®





In Rainwater Harvesting (RWH) projects, there is an option to collect and reuse rainwater for watering your green plant wall.

With a closed tank system, we can collect, store, and add fertilizer to the rainwater, making it suitable for irrigation. This ensures significantly reduced pressure on the local sewage network.

# CALL IT WHAT YOU WANT

Plant wall, green wall, living wall – we find many names for the things we love. At Nature Impact, we call it a plant wall or simply WALL.

## THREE VARIANTS

We offer three types: outdoor walls, indoor walls, and a fixed-size indoor version that's purely plug-and-play. We call them Interior Wall, Exterior WALL, and Living Wall.

Exterior and Interior walls can be customized in height and width to precisely fit the desired installation area. Living Wall comes in fixed sizes and only requires a power outlet for the pump and occasional watering.

## PLANTS

There is no fixed formula for which plants to use in our plant walls – it's entirely up to you. Many prefer starting with our plant list, as we know what works depending on whether the plant wall is indoors or outdoors and its orientation (north, south, east, or west).

With design assistance from our skilled gardeners, we ensure that you achieve the exact visual expression you desire.





# HOW DOES THE SYSTEM WORK?

## REQUIREMENTS

- The mounting wall must support the system's weight of 60 kg per m<sup>2</sup>
- Outdoor plant walls require a climate barrier, such as tiles, concrete, or wood.
- The control cabinet must have access to water, drainage, and Wi-Fi.

## WHAT'S INCLUDED?

When ordering an Interior WALL or Exterior WALL, you receive:

A complete plant wall with mounting rails, plant modules, drip hose, and feed hose, plants, a gutter for collecting excess irrigation water, a control cabinet containing necessary components for precise water and fertilizer management of your green wall, and enclosure profiles.

**In short, an all-in-one solution!**

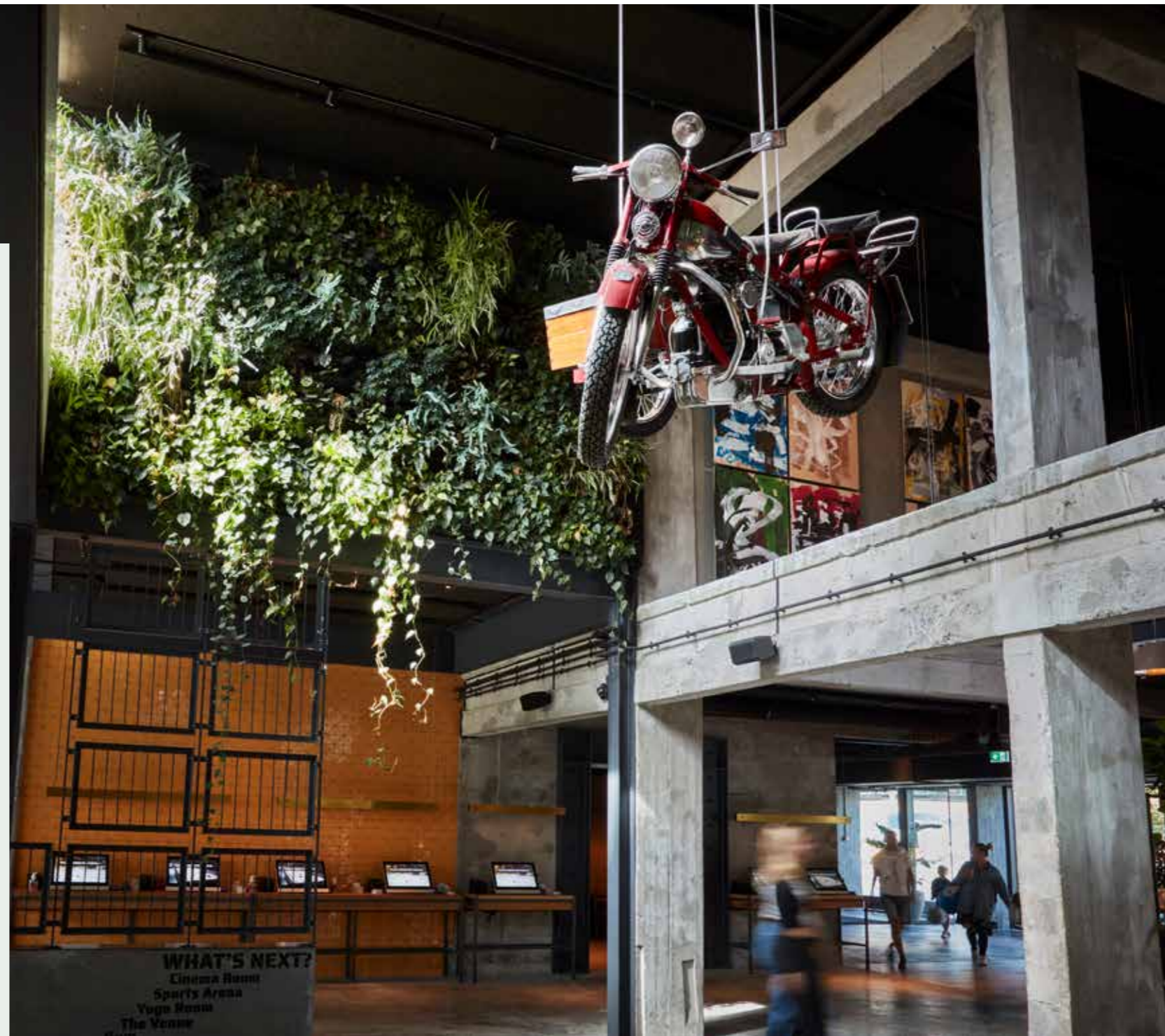
# EXPERTS IN PLANT WALLS AND SEDUM ROOFS

... and being Danish

Nature Impact A/S is a family-owned company from Ringe, Funen, with five generations of experience in horticulture. Over time, we've become market leaders in sedum roofs and plant walls in Denmark.

With a focus on these two products, we see ourselves as experts in horizontal and vertical green surfaces. Plus, being from Funen, we proudly consider ourselves connoisseurs of "brunsviger" cake – we've certainly tested plenty!

Our expertise in plant characteristics has led to a flexible and durable plant wall system. On average, only 5% of plants need replacing per season.



**OUR PLANT WALLS  
ARE FIRE-APPROVED &  
CERTIFIED A2-S2-D0**



# EXTERIOR WALL

– Unique and creative design possibilities for your building

People thrive best when surrounded by greenery. The green movement, which includes urban gardening, green roofs, and green walls, helps create better living conditions for both humans and animals.

An outdoor plant wall absorbs CO<sub>2</sub> from the local environment, purifies the air, and returns oxygen as a natural part of photosynthesis. Plants remove dust particles from the air, and a plant wall also has excellent noise-reducing properties and benefits biodiversity in urban settings.

Our Exterior Wall system can be adapted to all types of walls and facades and customized to your desired dimensions. Plant compositions can also be tailored to your preferences.



BIOPHILIC DESIGN



EASY INSTALLATION



INCREASED BIODIVERSITY



PLANTS CAN BE CUSTOMIZED FOR EACH PROJECT

# INTERIOR WALL

– Unique and creative design possibilities for your building

It's natural for many to bring nature indoors by integrating it into interior design. One of today's blooming design trends – biophilic design – incorporates natural elements such as plants and trees into room and environment designs. Reconnecting humans with nature positively affects mood, productivity, and well-being.

Our Interior Walls aren't just an aesthetic enhancement to headquarters, restaurants, or offices. According to the Danish Technological Institute, plants help reduce noise and stress while improving comfort and well-being.

Interior Walls can be adapted to all types of walls and customized to your desired dimensions. Plant compositions can also be tailored to your preferences.



IMPROVES WELL-BEING



EASY INSTALLATION



BIOPHILIC DESIGN



PLANTS CAN BE CUSTOMIZED FOR EACH PROJECT



**OUR PLANT WALLS ARE  
SOUND-TESTED TO  
ABSORPTION CLASS C**



## AIR PURIFICATION

Research has shown that a living plant wall filters fine particles from the surrounding air

It's widely agreed that 1 m<sup>2</sup> of living plant wall converts 2 kg of CO<sub>2</sub> per year and produces 1.7 kg of oxygen. A living plant wall thus has an air-purifying effect through its CO<sub>2</sub> absorption and photosynthesis.

## NOISE REDUCTION

Tests on our system have shown a noise reduction of 13-17 dB

Sound tests conducted and certified by Force Technology demonstrate a practical absorption coefficient of  $a_w = 0.65$ , achieving Absorption Class C.

Class C indicates that the WALL system effectively improves room acoustics and noise control.

## HEALING ARCHITECTURE

Greenery is soothing for the eyes

– a fact supported by numerous studies in healthcare. Research shows that plants can chemically affect the brain by producing endorphins, reducing stress hormones, and even boosting creativity and productivity. This phenomenon is called biophilia – humanity's innate joy in being close to plants and natural elements.

## URBAN HEAT ISLAND EFFECT

Plant walls absorb 40-50% of sunlight.

This means that green plant walls help create a cooler and more comfortable climate in their surroundings. Outdoor plant walls positively impact the Urban Heat Island Effect, where city temperatures rise due to heat-absorbing surfaces that reflect less and release more heat into the environment.



# CASE NEXT HOUSE

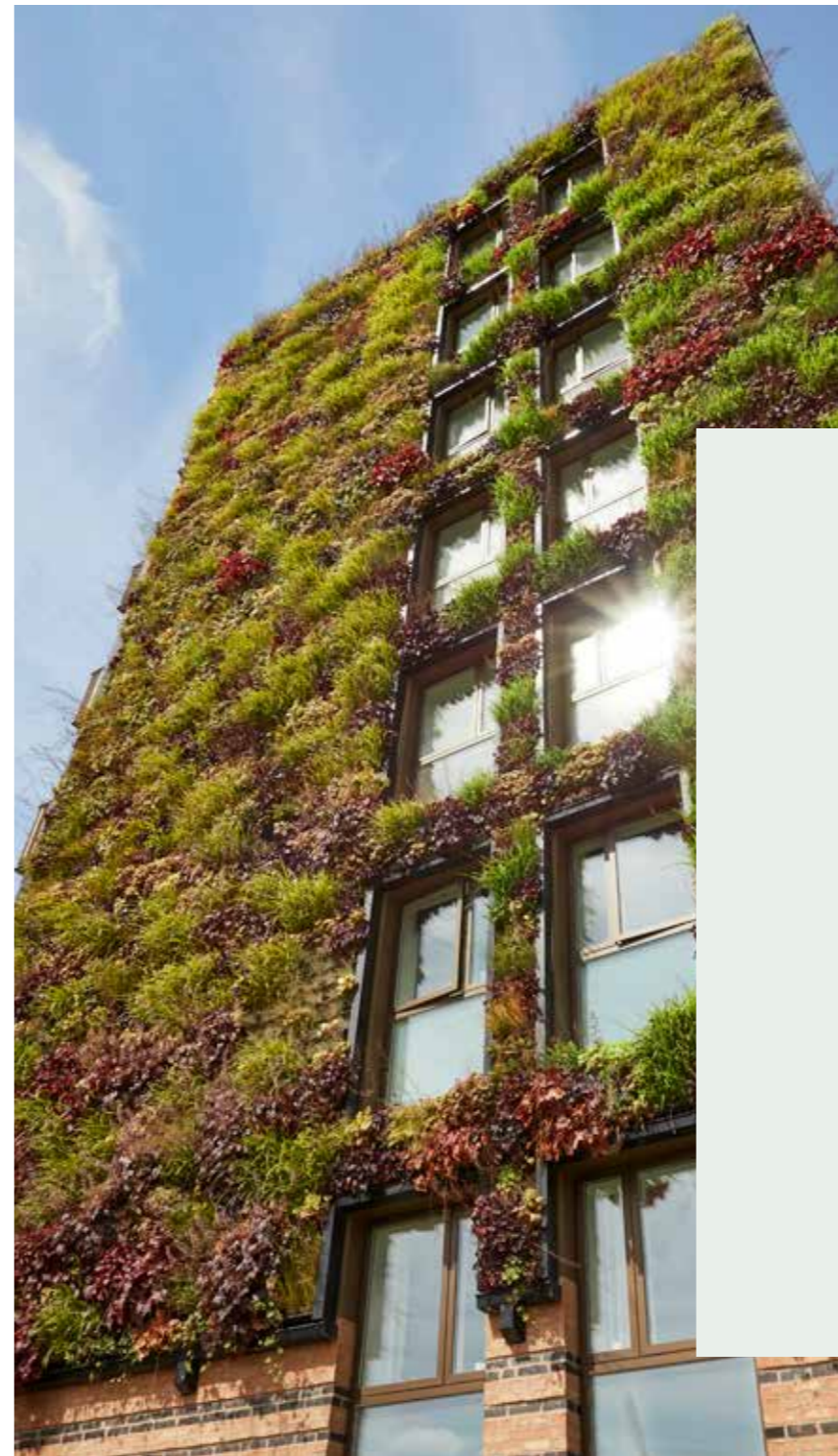
Close to the Police Headquarters in Copenhagen lies one of the city's most modern hostels: NEXT HOUSE COPENHAGEN. When Arp-Hansen Hotel Group decided to renovate Falck's former office and garage facilities, the focus was on circular thinking.

The building's original concrete structure has been preserved and creatively developed to include 433 rooms and many other facilities.

To complement the beautiful brass facade and draw attention to the rooftop terrace, two EXTERIOR WALLS from Nature Impact, totaling 140 m<sup>2</sup>, were chosen, along with two INTERIOR WALLS measuring 24 m<sup>2</sup>.



**1 M<sup>2</sup> PLANT WALLS CAN  
ABSORB APPROX. 2 KG  
CO<sup>2</sup> PER YEAR**



# CASE GRØNTTORVET

Over the past six years, the development of Grønttorvet in Valby has been ongoing. And if there's any place that should feature a plant wall integrated into the urban environment, it's Grønttorvet.

On one of the block's facades, a 180 m<sup>2</sup> EXTERIOR WALL from Nature Impact has been constructed.

Stretching across the facade and its windows (except the ground floor), the plant wall reaches skyward along the block's street, creating a stunning contrast to the brick facades and balconies that characterize the area.

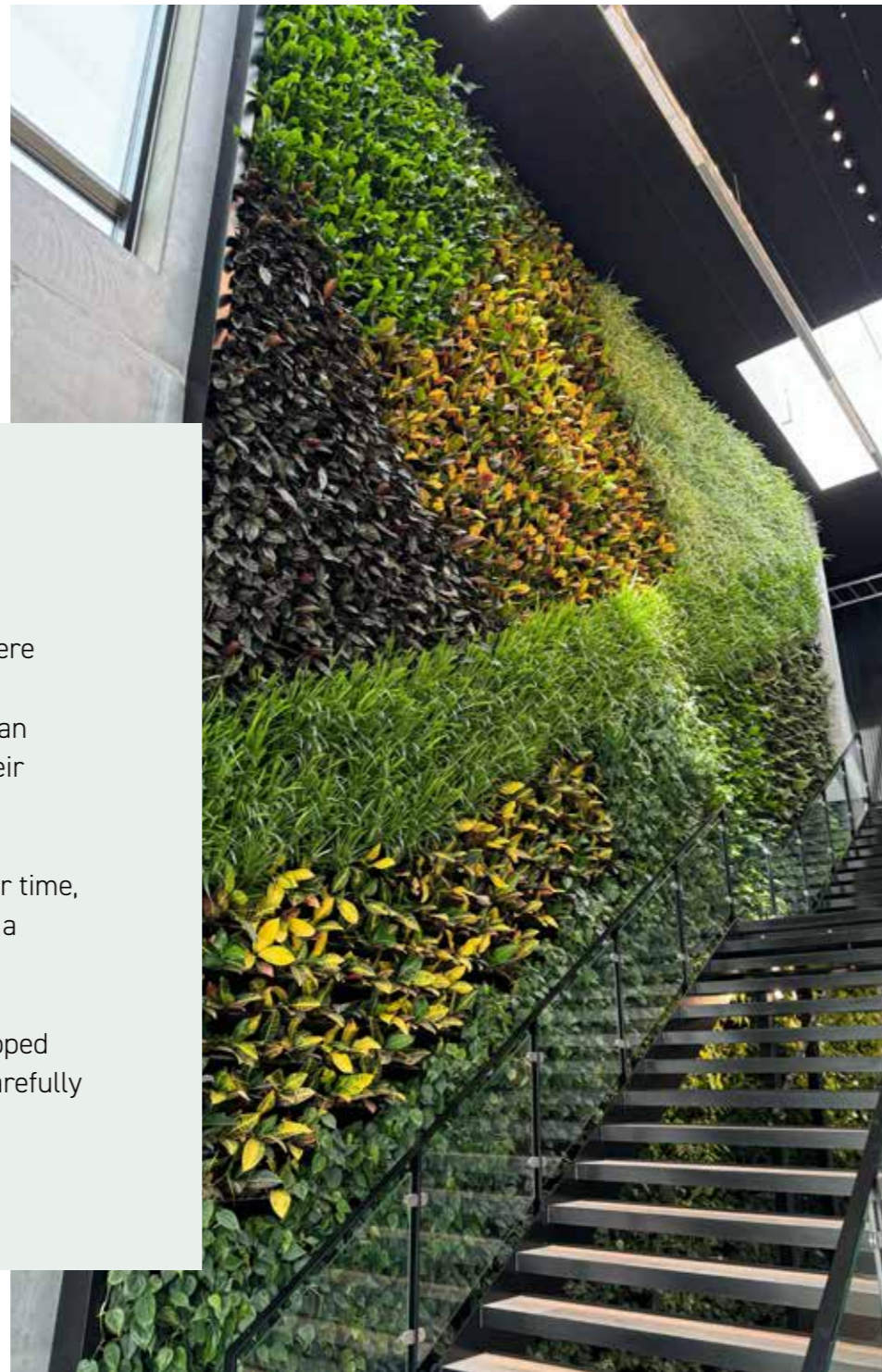
Additionally, four INTERIOR WALL plant walls have been installed in Ingcon A/S's office at Grønttorvet.

# CASE COOLSHOP

In Coolshop's new headquarters in Nørresundby, there was a desire to bring nature into the otherwise raw and concrete-dominated building. The solution was an INTERIOR WALL from Nature Impact, installed in their foyer.

The plants are arranged in a pattern that grows over time, maintaining the design while the plant growth adds a touch of wildness to the living wall.

The plant wall at Coolshop spans 85 m<sup>2</sup> and is equipped with grow lights to ensure healthy growth for the carefully selected plants.



# OPERATION AND MAINTENANCE

– er vigtigere end vigtigt for de levende plantevægge

A plant wall requires care, maintenance, and a little love to remain beautiful and vibrant in seasonal colors. For this reason, we recommend letting us handle the maintenance of your new plant wall. Our Operations & Maintenance Team manages all aspects of your plant wall's upkeep.

Maintenance includes replacing any unhealthy plants to ensure the walls always appear healthy and lush. Trimming is done as needed, typically once a year.

Irrigation and fertilization are set up via our app, allowing us to control watering remotely without disturbing the building where the walls are installed. For outdoor walls, we integrate a local weather forecast into our system to optimize watering conditions.





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