



# Naava Science

# Air quality is the #1 Workplace perk

“Healthy workplaces help companies attract and keep talent, increase productivity and decrease sick leave”

**SURVEY OF +1600 EMPLOYEES, FUTURE WORKPLACE & THE VIEW, 2019**

**45%**

Say their companies could improve their wellness by providing fresh and allergen-free quality air

**50%**

Say poor air quality makes them get sleepier throughout their workday

**31%**

Lose more than 60 minutes of work per day due to environmental factors

# Scientifically proven technology and impact

Naava is the most researched green  
wall in the world

Naava's technology is based on NASA's research and its efficiency has a vast multidisciplinary theoretical background.

Scientifically proven to...

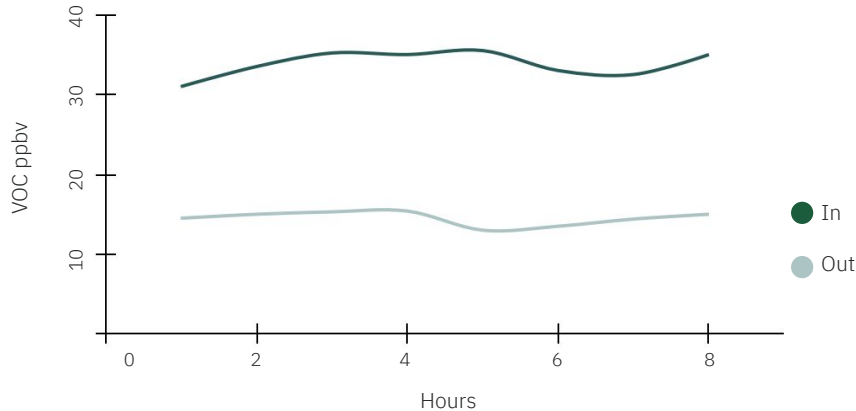
- Remove harmful chemicals
- Remove particulate matter
- Improve humidity
- Remove indoor air related symptoms
- Improve recovery
- Improve environmental comfort
- Improve immune system
- Be safe



# Removes chemicals

Naava consistently removes ~**57%** of VOCs from the air with a single pass

**BRE & UTS, 2017**



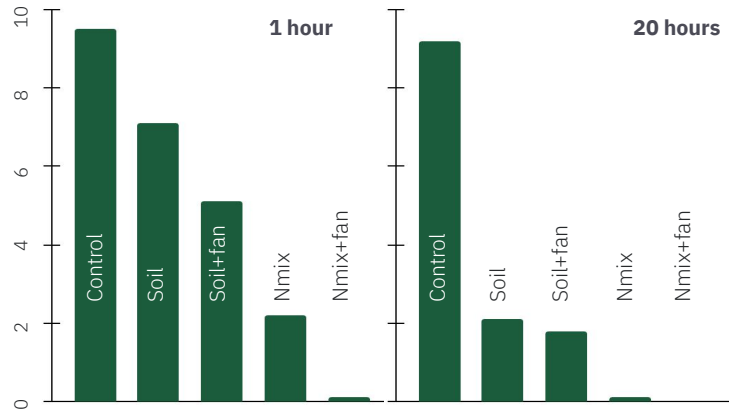
*“The results indicate a high level of VOC removal efficiency for the active green wall biofilter tested and provide evidence that active biofiltration may aid in reducing exposure to VOCs in the indoor environment.”*



# Maximizes efficiency

Naava's biofilters remove VOCs **100** x more efficiently than regular plants

JUY & UEF, 2018



*"[Naava] biofilters were verified to remove structurally diverse VOCs from actively circulated air, both at extreme and realistic VOC concentrations."*



# Influences IAQ

Naava was shown to have a positive impact on indoor air quality

**UNIVERSITY HOSPITAL AACHEN, 2020**

The study investigated the performance of a green wall in a real-life office environment in order to evaluate the potential of plant-based systems in human living and working environments.

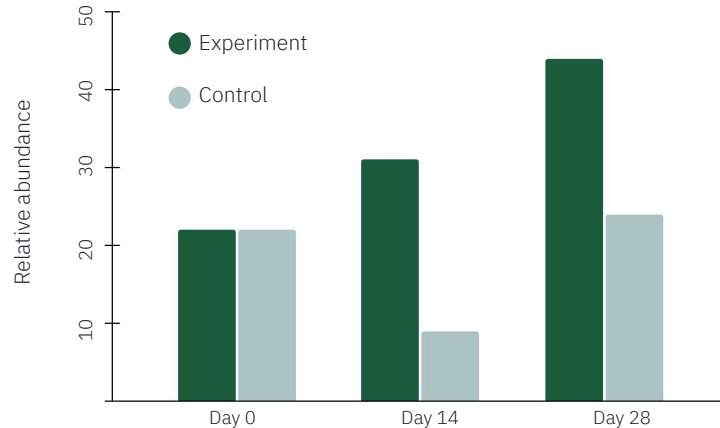
- Reduced VOCs
- Improved humidity
- Air cleaning effects of Naava compensate for its own power consumption or even save energy by lowering volume flows of HVAC



# Improves immune system

Naava increases the amount of health-associated skin microbiota

**ADELE, 2020**



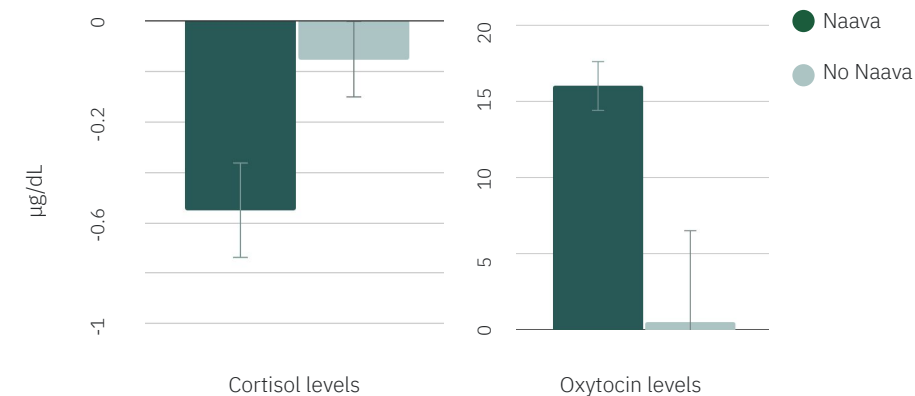
*“Air-circulating green walls alter the microbiome and modulate the immune system among office workers. Air-circulating green walls have potential in promoting microbiological diversity and human health in built environments”*



# Supports recovery

Naava makes you happier, less stressed, and improves cognitive skills

Naava Study, 2016



The results of the stress-inducing test and measurements taken after differed whether the person had taken the test in a room with or without Naava.

- **49%** less mistakes in a cognitive performance task
- Decreased levels of cortisol
- Increased levels of oxytocin
- Increased environmental comfort
- Increased HRV



# Future of Offices

Study of **50,000** office workers to develop sustainable offices

**SOFCO, 2024**

Concepts for the Sustainable Office of the Future aims to develop a concept for the office of the future that promotes a healthy working life and lifestyle as well as contributes to sustainable development.

Naava is part of the subproject Green office work – developing sustainable ways of office work in indoor and outdoor green environments.

**3** GOOD HEALTH  
AND WELL-BEING



**8** DECENT WORK AND  
ECONOMIC GROWTH



**MDU**  
Mälardalen  
University

**12** RESPONSIBLE  
CONSUMPTION  
AND PRODUCTION



**13** CLIMATE  
ACTION



**17** PARTNERSHIPS  
FOR THE GOALS

