

Overview

# Swegon Solutions

*Energy efficient system solutions with maximum comfort*

**Swegon**

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Als het om lucht gaat.

**AUERHAAN**  
KLIMAATTECHNIK

# Indoor climate matters

*AIR TEMPERATURE*

*HUMIDITY*

*AIR QUALITY*

*DRAUGHT*

*SOUND LEVEL*

## **How important is comfort?**

Research shows that there is a distinctive link between indoor climate quality and health. A pleasant working environment with high comfort is important for the individual employee, which naturally also benefits employers and landlords.

Good conditions for healthy employees who are happy in their work and at the workplace can be achieved by meeting or preferably exceeding the expectations of the users.

Swegon Office Solution creates an optimal indoor climate with the lowest possible energy consumption. It allows customers and users to focus fully on their activities.

# Energy efficiency matters

*INTEGRATED SYSTEMS  
EPBD & LEGISLATION  
ENERGY SOURCES  
LIFE CYCLE COST (LCC)*

## **How important are operating costs?**

Conditions for low operating costs are created through a demand-controlled indoor climate. Frequently, the total need of the property is reduced when ventilation, heating and cooling are concentrated to areas where there is a demand. In most cases, this reduces investment and operating costs and shortens the installation time.

Swegon's products are designed for optimum performance and integration. Irrespective of whether you choose individual products or complete systems, maximum energy efficiency and operating economy are guaranteed.

# The future matters

## How can you influence the climate?

Reducing the energy-need necessary to create the indoor climate also reduces your carbon footprint. Swegon helps you attain this by demand-controlling the climate in each room.

The result is a comfortable indoor climate with minimal energy consumption and maximum energy recovery. This definitely has a positive impact on the climate and environment.



# Reliability matters

## Do you have everything under control?

Swegon's products and functions give full control of the whole system and facilitate routine maintenance.

Integrated functionality for monitoring and logging minimises the need of building management systems, creating simplicity and reliability while lowering investment costs.

Our systems can be easily accessed via remote access, giving you and your partners complete control.

# Knowledge matters

## Here experience, technology and knowledge come together

Swegon's many years of experience in creating the right indoor climate at the right cost is the basis of your investment. As a partner we offer security and stability.

Swegon is known for its committed and driven development of high quality products and systems for ventilation as well as heating and cooling. Swegon develops, produces, delivers and commissions your system with a guarantee for optimum functionality.

In our own laboratories we can offer customised full-scale testing and CFD simulations. Our products are Eurovent-certified and are thoroughly tested before delivery.

Swegon offers good opportunities for the exchange of knowledge and dialogue via the global and fully independent network Swegon Air Academy.



*Full-scale testing at Swegon's Arvika factory*



*Swegon Air Academy attracts university professors as lecturers*

# Swegon Solutions

## You have probably already experienced our climate systems and Solutions

For many years Swegon has successfully supplied indoor climate across the world. Probably you have already experienced our products and system solutions.

The climate system and the indoor climate are virtually invisible to the user. This only becomes visible if problems arise such as draught, noise and odours. Satisfied and returning customers convince us that our products and system solutions correspond well with the needs of the market.

In order to meet high standards for the indoor climate, Swegon often delivers demand-controlled system solutions. This has frequently led to buildings with Swegon Solutions receiving high energy ratings from e.g. BREEAM and LEED.

Many of our products and systems have secured prestigious awards and certificates worldwide, including Passive House Certificate.

Swegon focuses on meeting the different needs, requirements and standards for different building types. We call this Swegon Solutions.

The following pages show some examples of projects where Swegon Solutions have been delivered. Please contact us if you would like more references.



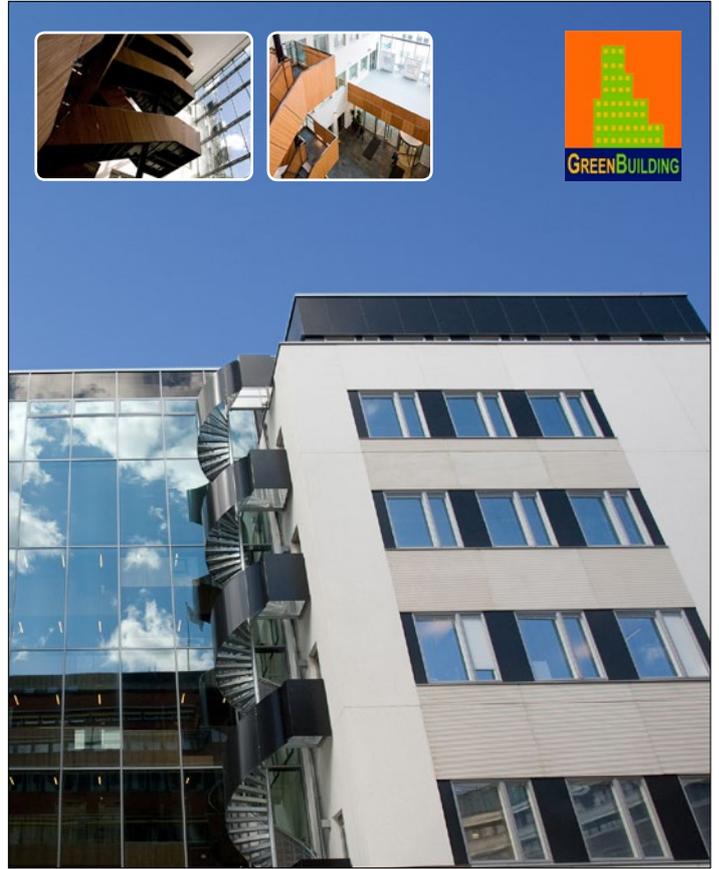
breeam

STORA  
INNEKLIMATPRISET

We make every breath count.



*citizenM London, United Kingdom  
Air handling units, comfort modules, air diffusers, Super Wise, Nestor*



*Västerport, Stockholm, Sweden  
Air handling units, Super Wise, air diffusers, dampers, sound attenuators*

## Hotel Solution

The indoor climate in hotel rooms is controlled individually for the highest possible comfort. The demand-controlled system is continuously optimised for minimal energy consumption and carbon footprint.

Heating and cooling are produced centrally for the entire property, while a decentralised placement of the air handling unit provides the system with supply and extract air. The pressure-controlled system ensures constant dehumidified and tempered supply air.

The Swegon Hotel Solution is a complete package of products and functions that creates the optimal system solution for the hotel's indoor climate.

## Office Solution

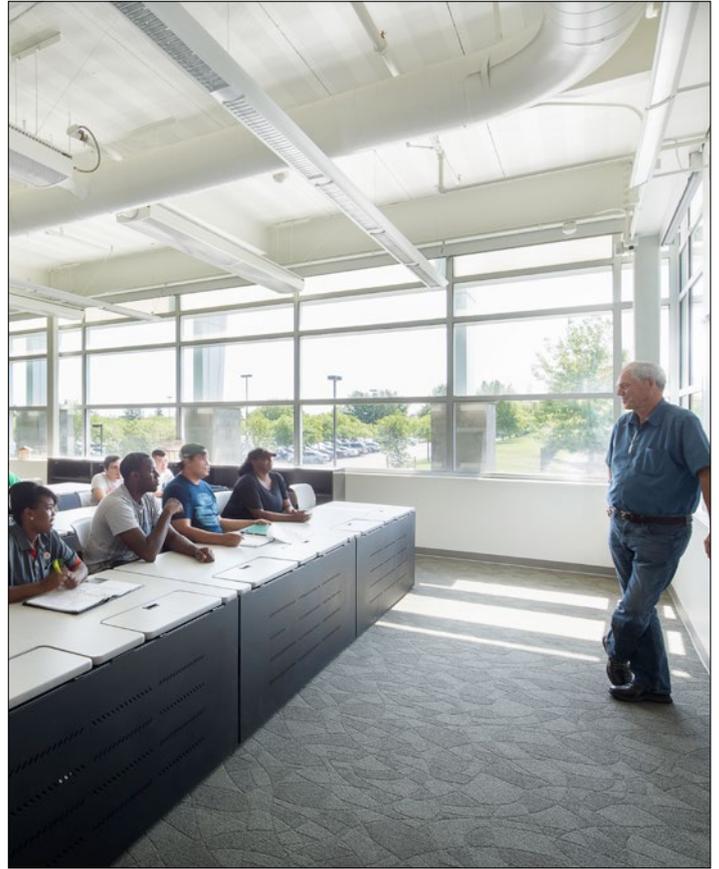
The indoor climate is controlled individually for the highest possible comfort in offices, conference rooms, landscape offices and public areas. The demand-controlled system minimises energy consumption, providing maximum comfort with a minimum of environmental impact.

The property's heating and cooling are produced centrally and distributed waterborne, airborne or a combination of these. The flexibility offered by Swegon Office Solution gives an optimal indoor climate solution for offices, regardless of the needs and conditions.





Allum Galleria, Gothenburg, Sweden  
Air handling units, Super Wise, air diffusers, dampers, sound attenuators



Cosumnes River College Winn Center, Sacramento, USA  
Waterborne Indoor Climate Systems

## Retail Solution

The property's heating and cooling requirement is produced centrally with the possibility of individual indoor climates in different store areas and spaces. This leads to considerable savings in terms of installation, operation and space requirements.

Heating and cooling temperatures are optimised continuously where a high level of recovered and recirculated energy is used for the best energy efficiency.

Swegon's wide range of air diffusers guarantees a balanced temperature and draught-free distribution regardless of season and ceiling height. We have the optimal system solution for your project.

## School Solution

The Swegon School Solution is available in numerous variants to meet the different requirements, preferences and conditions.

- Reconditioning of old schools, without existing ventilation
- Refurbishing of schools, with supply and extract ventilation
- A brand new school

Swegon's system solutions are very energy efficient. Low energy consumption, a high degree of energy recovery, demand-controlled ventilation and low life cycle costs make our products and systems unique on the market.



# Here the indoor climate comes from Swegon



*CitizenM Hotel, Glasgow*



*Scandic Victoria Tower, Stockholm*



*Hotel Prince de Galles, Paris*



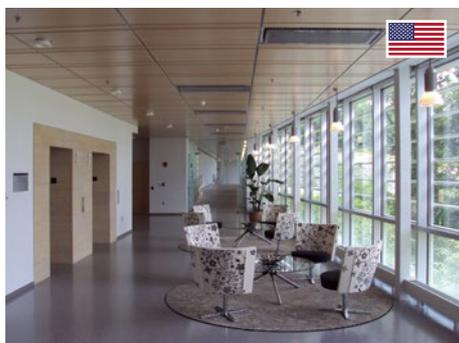
*PWC, Oslo*



*The Ministry of Finance, Vienna*



*Siege de Etde, Saint Herblain*



*Astra Zeneca, Boston*



*BBVA Head Office, Madrid*



*Bengt Dahlgren Head Office, Gothenburg*



*Debenhams, Llandudno*

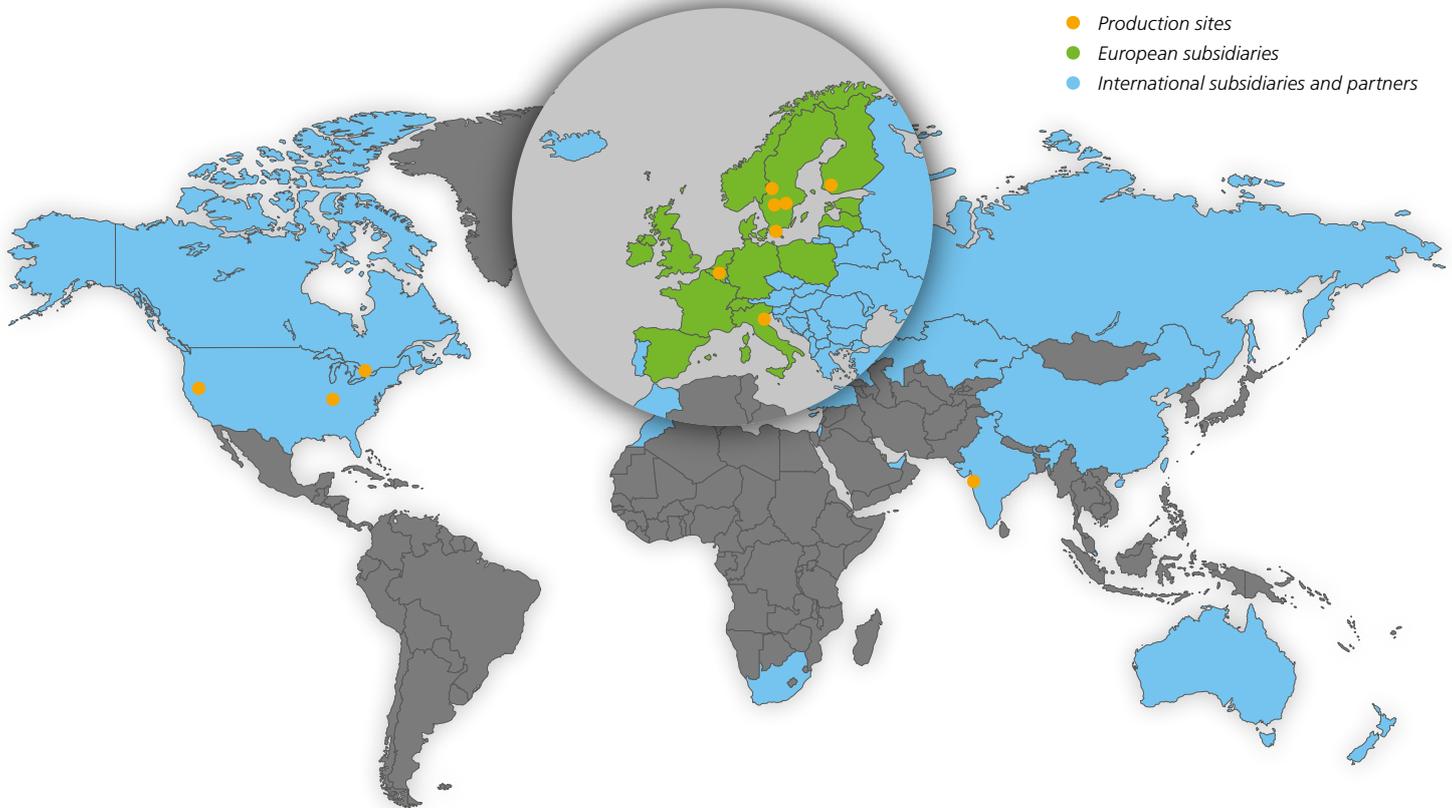


*Hümmling Upper School, Sögel*



*Residential buildings, Kerrostalo*

# Swegon world



## Facts about Swegon

- Established in 2005 as a merger of the two Swedish ventilation companies StifabFarex and PM Luft, each with more than 50 years in the business. Since then several companies have been acquired to increase the product range and market presence. Nowadays the Swegon Group includes: ILTO, Luftmiljö, BlueBox, P.Lemmens and Vibro Acoustics.
- Swegon is a member of the Latour Group and continues to grow towards its international goal: "The Indoor Climate Company".
- Swegon has approx. 1800 employees with its head office in Gothenburg. In 2015 the turnover was SEK 3.5 billion, with sales outside the Nordic countries amounting to around 65%.
- Sales, Sweden: Sales and service outlets that cover the entire country.
- Sales outside of Sweden: Our own sales companies and partners in 50 countries, mainly in Europe, but also in USA, Canada, India, China, etc.

### Manufacturing facilities:

- Kvänum, Sweden - Air handling units
- Tomelilla, Sweden - Air diffusers and flow control products
- Arvika, Sweden - Waterborne climate systems and acoustic products
- Lidköping, Sweden - Air handling units for residential ventilation
- Kaarina, Finland - Products for residential ventilation
- Gemloux, Belgium - One piece units, fans, and air curtains
- Cantarana, Italy - Chillers and heat pumps
- Mumbai, India - Datacooling
- Canada and the United States - Acoustics and vibration isolators

We make every breath count.