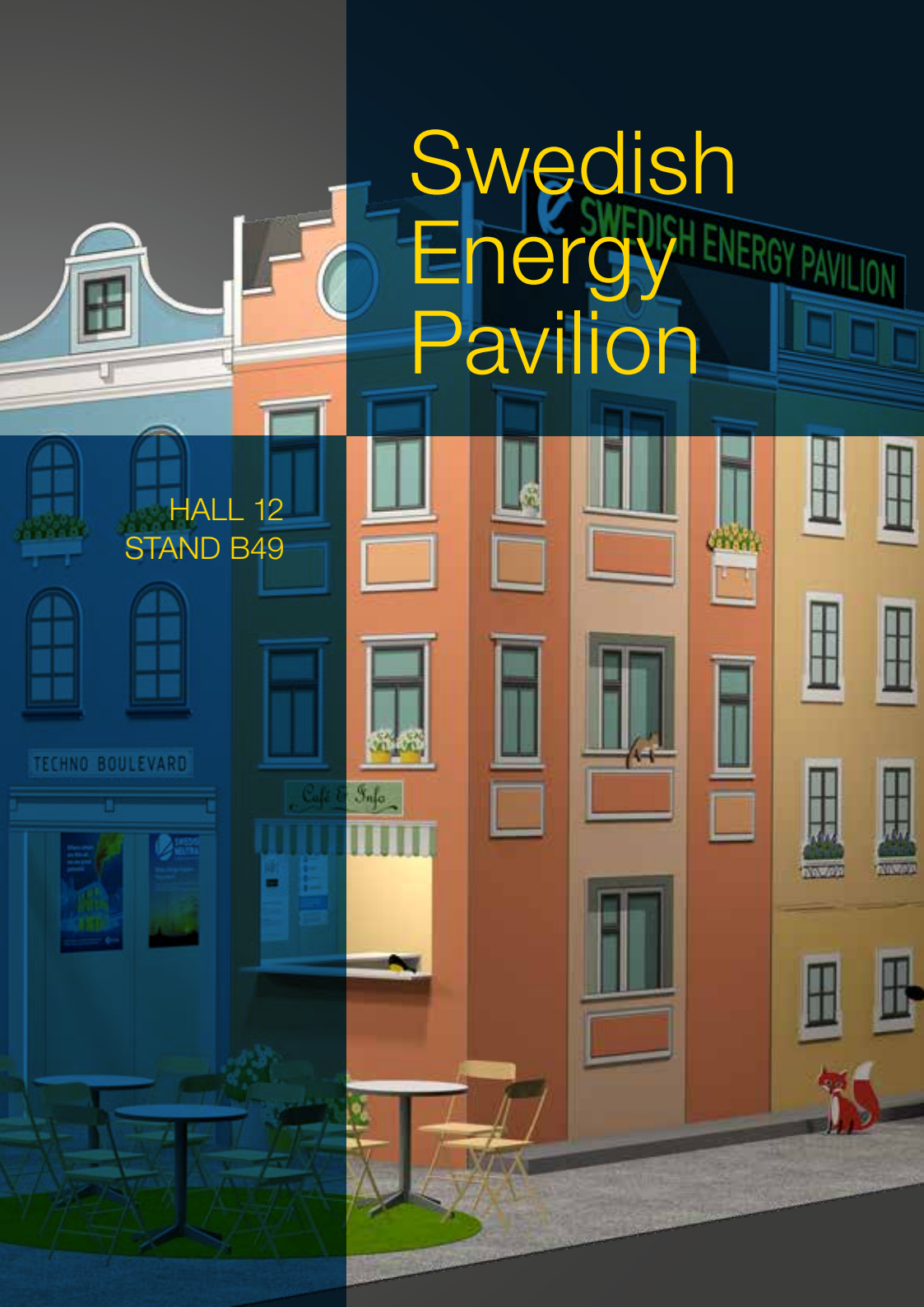


# Swedish Energy Pavilion

HALL 12  
STAND B49





Welcome to  
the Swedish Energy  
Pavilion at the Hannover  
Messe 2019!



Photo: Kristian Pohj/Regeringskansliet

Sweden is honored to be Partner Country to the Fair in 2019 and to strengthen the relations between Sweden and Germany as well as with government and business representatives and media from all over the world. The Swedish government, industry and research institutions are dedicated to keeping our country at the forefront of innovation and digital transformation, making Sweden a solid base for investment and partnerships.

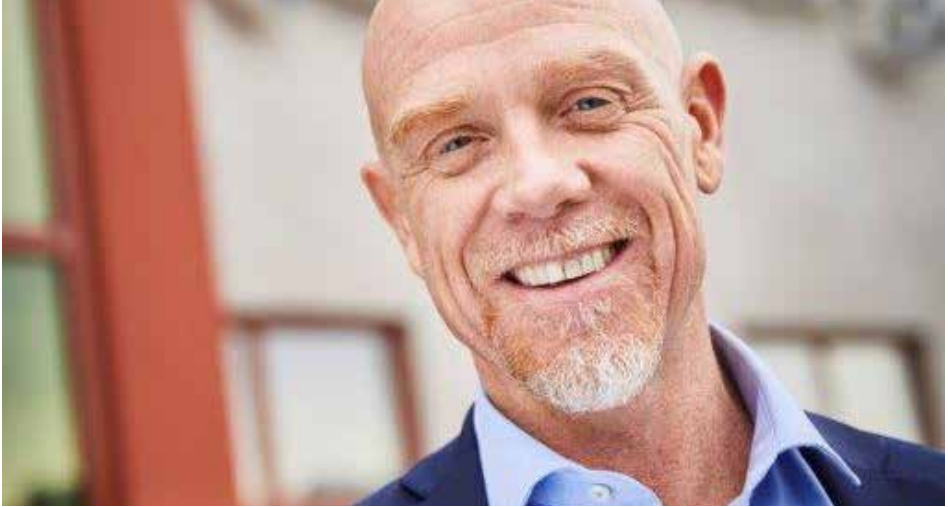
A reliable and cost-effective energy supply paved the way for Sweden's energy intensive industries. Today, Sweden is a world leader within renewable energy, and is among the most innovative, digitalised and dynamic knowledge-economies worldwide. Our history shows that increased energy supply and electrification through sustainable resources can lay the foundation for economic development without contributing to climate change and damaging the environment.

The Swedish Government's has set targets for 100 % renewable electricity by 2040 and no net GHG emissions by 2045. Achieving these targets will not be possible without exchanging and sharing knowledge and technologies with governments and businesses across the globe. New technologies and solutions together with opportunities within digitalisation can enable higher shares of renewable energy, making our energy systems stronger, smarter and greener.

The Swedish Energy Pavilion presents an excellent opportunity for suppliers and investors from all sides to meet, discuss, make connections for long-term cooperation, and, not least, foster sustainable businesses for a brighter future.

**Anders Ygeman**

Minister for Energy and Digital Development  
Government of Sweden



International cooperation is essential for the development of a sustainable energy system, and the careful selection of partners is a key to success in this work.

Since 2014, the Swedish Energy Agency has been working towards Germany to promote innovation through knowledge exchange and facilitating collaboration between Germany and Sweden in the field of green energy.

Germany has for many years been one of the strongest trade partners to Sweden. From our end we have contributed with introduction of small and medium sized companies with innovative solutions for renewable energy, energy efficiency, sustainable transport, smart grids and much more.

Hannover Messe is our biggest single event promoting Swedish cleantech in Germany. 2019 will mark the fourth year we participate at the fair. Previous participation has resulted in many promising collaborations and partnerships between Swedish and German companies of all sizes have been established.

This year when Sweden is partner country to the Hannover Messe, we are pleased to contribute to the Sweden Co-Lab concept by once again hosting the Swedish Energy Pavilion.

We and our partners Swedish Smartgrid Forum, Business Sweden and the German-Swedish Chamber of Commerce all share the interest to encourage new trade partnerships and the dissemination of innovative solutions for sustainable energy. Together with our co-exhibitors and event partners we hope to not only inspire, but also create a platform for collaboration and future solutions to meet our mutual challenges and ambitions.

In the afternoons we gather in the Swedish Energy Pavilion to network with selected partners – the Association of Swedish Engineering Industries, Garo, Vattenfall and Ericsson – sharing their views on strategic ambitions and high-profile projects related to e-mobility, 5G and carbon neutral steel production.

*Willkommen*

**Robert Andrén**  
Director General  
Swedish Energy Agency

# Swedish Energy Pavilion

**The Swedish Energy Agency arranges the Energy Pavilion for the fourth consecutive year at the Hannover Fair. This year we are showcasing a record-breaking number of companies with energy innovations, up to 30 exhibiting companies and event hosts. The Swedish cleantech companies show a wide range of innovative energy solutions, such as charging infrastructure, flue gas cleaning with energy recovery, smart meters and much more.**

The Energy Pavilion is designed and constructed as a city where the Swedish energy innovations will be integrated to clarify how they contribute with benefit in the energy system – the city as an energy system.

We are also pleased to be able to exemplify common interests between Germany and Sweden through concrete collaborations between Swedish innovative companies and German partners. A certain concentration around suppliers of charging infrastructure and related circuits shows how Sweden is at the forefront in several prioritized areas for many countries.



# Alelion Energy Systems

Alelion Energy Systems, formed in 2006, creates product and systems solutions within the new revolutionary lithium battery technology.

Alelion manufactures lithium-ion batteries for counterbalance forklifts, warehouse trucks and pallet trucks as well as solutions to Industrial vehicles. The Alelion battery system includes the development from cell modules to a full system including electronics and software development.

Alelion has been the preferred supplier with two of the three largest global truck manufacturers and in 2014, these companies were able to launch 17 new models equipped with Alelion lithium-ion batteries. In 2016 Alelion was listed on Nasdaq First North.

The Alelion product portfolio also includes Alelion Energy Management Systems where Alelion provides system solutions for optimized energy use and energy storage.

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# Cascade Drives

Cascade Drives develops next generation electromechanical linear drives and planetary gears with superior load and speed ratios. The technology is based on a proprietary load sharing principle, allowing extremely high efficiency and resistance towards shock loads. In electrified applications such as heavy-duty vehicles, work tasks are normally handled by hydraulic actuators. A hydraulic system has relatively low efficiency reducing vehicle operating range and poses environmental risks. In industrial applications, travel speed and positioning accuracy has impact on productivity, Cascade Drives linear drives has over 90% efficiency, micrometer positioning accuracy and outstanding speed and load capabilities. The load sharing principle has also been applied in a planetary gear, enabling superior torque density gearbox solutions. Cascade Drives delivers products and customized solutions for linear drives and planetary gears.

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# Celsicom

Celsicom offers an easy to use online remote monitoring system for temperature, humidity, CO2, radon, pressure, energy and much more.

The use of our mobile connected and fully wireless monitoring system enables you to save energy resources, time and money.

Do not waste fuel and time repeatedly travelling to and from the locations you need to monitor. Just connect the Celsicom system and then track all data using our cloud service with any web browser – wherever you are in the world. Threshold alarms can be sent, and historical measuring data can easily be downloaded anytime via the cloud service Celsiview.

Feel free to test the cloud service at [celsiview.se](http://celsiview.se). Select your language and press the "Demo account"-button. No registration required.

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# Charge Amps

Charge Amps is a Swedish growth company that develops smart and user-friendly solutions with attention to detail and high-quality design for electric car charging. We offer charging stations, charging cables and a comprehensive cloud solution. Development and production take place in Sweden, and the company's products are sold in 32 countries worldwide.

*Our vision is to create products and solutions which will ease the transition from the fossil fuel dependency of today towards a more sustainable society.*

Combining well accredited Swedish design and industrial tradition is a re-visioned concept, and Sweden's harsh climate challenges us in everything we construct. All products are designed with user-simplicity and functionality into consideration. Our designer Joachim Nordwall, also co-designer of high-performance car brand Koenigsegg, captures our vision and presents it excellently in his idiom.

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# ChargeStorm

Chargestorm offers complete infrastructure solutions for charging Electric Vehicles. The wide product range includes charge station solutions suitable for private consumers as well as for big companies, shopping malls and many others. Chargestorm can provide the overall infrastructure for charging of electric vehicles including a comprehensive backend solution, allowing for internet access and the utilization of mobile phone Apps. Our solution includes an automatic and dynamic load balancing function. Chargestorm solutions are integrated into the existing infrastructure e.g. the physical building and the existing IT system for e.g. billing services and energy management systems. Chargestorm is the market leader in Scandinavia with more than 30 000 charge points installed. Our customers are the leading charge point operators as well as numerous municipalities, energy companies, property owners and private consumers. Chargestorm products have now enabled more than 100 million kilometres of fossil free driving, in Scandinavia!

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# Checkwatt

We help make the 100% renewable energy system possible by applying intelligence to data and bringing smart control over flexibility. We promote resource efficiency through education, information, measurements and visualization. EnergyInBalance.com is our end-user platform. It catalyzes improved energy efficiency in buildings, by visualization of energy related data: electricity consumption and production, district heat consumption, heat pump usage, weather info. Also provide platform for alarms through energy data analytics, individual metering and billing of household electricity and water and EV chargers. CheckWatt offer a variety of integration services built around gateways with variety of connectivity options including NB-IoT. Furthermore data collection from external sources such as electricity market stakeholders. Data analytics runs on our servers for energy use optimization and fault detection. Solar irradiance sensors are a good solution for precise solar PV system evaluation. Through H2020 project 'SunHorizon' integration with heat pumps and air conditioning units. Virtual power plant and demand response aggregation service called Currently and using energy storage, stationary batteries, EVs and thermal inertia. We also handle issuance and trading of Green Electricity Certificates & Guarantees of Origin.

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# CleanBioHeat

## Cost Efficient Flue Gas Cleaning

The demand for heating solutions that meet new environmental requirements and legislation are constantly increasing. This applies to all kinds of heating systems. Fossil fuel heating needs to be replaced, by bio-fueled, or other ecofriendly systems. A large obstacle for solid biofuel heating is high particle emissions and high cost of efficient cleaning systems. New Eco Design legislation also require solid fuel heating systems to vastly improve the energy efficiency.

We have developed a cleaning unit for flue gas with a high level of condensation and innovative filtering technique, the Flue Gas Recovery Unit, FGR®. The system converts hot humid and dirty exhaust gases to cold, dry and clean exhaust. The high level of energy recovery makes it a profitable investment.

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CleanBioHeat

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# Clean Motion

Clean Motion provides the market with small, tailor made electric pods for first/last mile transport in cities.

- Until 2050 population is set to increase 40%; All growth in urban areas.
- Passenger mobility in urban areas is set to double and goods mobility demand will triple.
- Future urban transport has to be shared, integrated and emission free!
- A key component is flexible first / last mile connectivity.

Our offer is an important piece of the solution for future urban transports where our main component is our electric pod, Zbee, which is available for both person and goods transportation.

Zbee is developed and optimised for short distances in cities, with minimal environmental impact. It is a small, connected and highly energy efficient.

The customers operate in several different areas like taxi fleets, food deliveries, goods deliveries and tourism.

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# Egain

Egain is a Swedish technology company with leading edge competence within energy optimization in residential buildings. We develop AI-based software that automatically visualizes and optimizes energy consumption in buildings. The result is decreased environmental impact and a better indoor climate that results in more satisfied tenants, lower maintenance costs and a stronger balance sheet.

Our Platform Egain Edge is an IoT platform connected to a powerful self-learning AI engine. This enables efficient metering, visualization, self-optimization analysis, reports and peak control. It is based on innovative technical development and leading edge energy expertise.

Egain was founded in 2003 and has optimized more than 3000,000 apartments in 14 countries. We are responsible for heat management in more than 17 million m<sup>2</sup> of living space.

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# Enequi

We are a new founded company and fast growing. Staffed with very experience people. We offer products and services of Power Balancing to property owners. We handle the increased demands of the grid closest to the properties that exceeds the limits by balancing the variations and power-peaks. In reality, this means products and services to control, manage and surveillance of your property and appliances in combination with energy storage and software solutions. All to make it automated for the property owner.

The benefits in short – non depending if it's a house, garage, office or an industrial building.

- Buy your electricity when cheap – use it when expensive
- Save your solar energy – use it when it's most needed
- Cut power-peaks – lower your electricity bill and manage more on exiting fuses
- Boost your car charging – faster or more cars
- No more power outage – this works as “grid failure back-up”

Become environmentally friendly for free!

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# Enjoy

## **Lepido™ by Enjoy – the revolutionary, maintenance-free solution to energy recovery in restaurant ventilation**

Real estate owners throw away 10s of thousands of euro and many tons of fossile CO2 in saving today. Due to grease and soot in the warm exhaust air from restaurant ventilation its not possible to recover the energy. Enjoy has developed and patented Lepido, the first maintenance free energy recovery unit in the world that can, without any pre-filtration, stand this hostile environment and be able to deliver the energy back into the building either as heat and/or AC saving a lot of money and environment. With a high ROI we believe that we have created a financial incentive to be part of the environmental movement.

- Self-cleaning
- Fast and easy installation
- High ROI

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# Epspot

EpSpot makes it easy for any facility site operator to make electricity accessible to anyone, for instance, not only limited to vehicle charging, and at the same time handle demand side management for the building. EpSpot is particularly well suited for bigger sites where gradual evolution of the infrastructure as well as flexibility in how it can be deployed is important.

Core components are session-based electricity meters that connects to a cloud service. The service solves the problems of electric demand side management and load balancing, advanced business models and access control. The solution us unique in that any outlet type is supported, it can also control in building equipment, and the functionality can be installed in most chassis and directly in buildings distribution boards allowing for business-related complexity to be moved to the cloud.

Leading tier 1 customers in Sweden including truck maker Scania and Vasakronan relies on EpSpot.

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# Indentive

Founded in Linköping, Sweden in 2011, Indentive has made IoT and digitisation core business. Together with leading industry providers in technology and solutions delivery, we are creating a cutting-edge partner ecosystem. Our focus is providing the optimal open, digital platform solution to meet the needs of our clients, with a core focus on the smart city, smart living, real estate and family care.

Connective is an open, cloud-based platform that allows operators of all sizes to offer services based on IoT, data and information to their customers. It is technologically agnostic, using standard APIs. While designed as a complete end-to-end platform solution, with a unique focus on enabling business logic for its users, Connective can also act as a complementary platform to network operators' core device and connectivity management platforms.

Connective allows you to invest as you grow, maintain a strong focus on your business requirements delivered with your look and feel. Contact us if you are interested in a new innovative service platform that enables new revenue streams and optimised customer loyalty.

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# Metrum

Metrum are experts in optimizing the electrical grid, creating energy efficiency, through power quality! The increased amount of new technologies in the smart grids, such as renewable wind or solar energy or smart homes and electrical vehicles are putting new challenges on the electrical grid, challenges to maintain stability and efficiency.

As a global leader, Metrum develops and globally offers a unique user-friendly system solutions for measurement of energy, disturbances and faults in the area of power quality and corresponding applications. This makes it possible for Metrum's customers to carry out analysis easily, find the source to the problems, with the aim of taking optimized actions to save energy, reduce cost and reduce environmental impact.

Metrum, a global R&D leader in power quality, now also use the big data analysis and artificial intelligence applications for the electrical grid, identifying problems before they become real large costly problems. Trend analysis which also enable preventive and proactive maintenance, creating great cost savings!

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## Nilar

We design, develop and manufacture powerful Nilar Hydride® batteries in our state-of-the-art factory in Gävle, Sweden. We have the optimal energy storage solution, whether it be in your home, office building or large-scale industry.

Using energy storage from Nilar helps smooth out the irregular power patterns of renewables such as wind turbines and solar panels, allowing us to move faster towards a carbon neutral society.

Safety should not be a concern for anyone. Our safer than “safe” batteries are therefore designed to be installed in urban areas and to be transported by road, rail or air without any restrictions.

Choosing Nilar batteries means choosing the most robust and environmentally-conscious solution available. The Nilar Hydride® design enables operation to run smoothly from -20°C through +50°C and our patented bi-polar construction gives our batteries unparalleled lifetime.

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## Prime Design Sweden

Prime Design is a Swedish manufacturer of smart portable equipment for demanding industries like military, rescue forces and construction. We manufacture the world's most portable LED light system – Baselight 420X – along with other products such as BaseSiren which is a portable disaster warning system. Prime Design also manufacture portable energy and surveillance solutions. 90% of our products go to export markets in Asia and Europe.

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# Simplex Motion

When looking at three main characteristics of servomotors (performance, cost and size/weight), customers often face a dilemma: A high performance integrated servomotor is expensive. And a low-cost solution does not have the performance.

Simplex Motion offers a complete motion-control system that is compact, high performance, and affordable. By combining a patented sensor solution with an outer rotor motor, Simplex Motion can offer an integrated servomotor with a high torque in relation to its weight and volume. Compared to other integrated servomotors on the market, Simplex Motion's servomotor has a torque/weight ratio 2-3 times higher. By replacing stepper-motors, the Simplex Motion's solution offers big energy savings, up to 90%.

Additional benefit with Simplex Motion's solution is that it has only one moving part – the motor axis, ensuring a robust and long life-cycle.

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# Svenska Rotor Maskiner

**A leader in energy efficiency development**

Svenska Rotor Maskiner, SRM, is a global company leading innovation and development in smart energy systems for turning heat to electricity, fuel cell development and industrial refrigeration. We offer a wide range of services areas, applications and products, all with our unique rotor technology at its core.

With our unique SRM Powerbox technology it is economically viable to produce electricity from waste heat and geothermal sources at low temperatures. Applications include marine applications, power stations and large process-industry plants.

SRM Fuel Cell Compressor: We develop and manufacture fuel cell compressors for cleaner and more efficient transport solutions. We have more than 30 years of experience and have developed fuel cell air systems to some of the largest car manufacturers in the world. Applications include fuel cells components for cars, trucks and buses, auxiliary power units, trains and other vehicles.

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Svenska Rotor Maskiner

## Swedish Neutral AB

We at Swedish Neutral have developed and patented the Ground Fault Neutralizer (GFN), which finally allows for the promise of true, secure, an economical, condition-based maintenance and protection of a power grid. The GFN hardens, secures and manages the grid allowing utilities with the ability to eliminate the danger of fault lines, showing where the network weakness is in real time and with great precision allowing for faster maintenance and network recovery with 50% fewer outages. A unique feature in the GFN brings the fault current down to practically zero making it possible to maintain safe operation without disturbing power supply to customers. This can be guaranteed both during transient and sustained earth faults. In fact, the GFN is powerful enough to prevent fires to start by faulty powerlines, injuries and fatal accidents caused by step and touch voltages, as well it reduces amounts of electrical equipment to be repaired and replaced after the earth faults. The GFN protects all parts of an interconnected grid – from the power transformer over the bus bar and the outgoing feeders down to the last corner of the grid.

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## Unimi Solutions AB

Unimi-1base is the smart and future proof concept for anchoring of outdoor EV charging infrastructure. About 50% or more of the costs of installing EV infrastructure comes from ground work. To minimize groundwork, not only in the installation phase but also during the in-life phase, is thus of utmost importance. The Unimi-1base concept minimizes these costs by being universal, modular & future proof. The Unimi-1base is the only base on the market that has been developed specifically for EV chargers and that can anchor any charger model regardless of technology, brand or design. By its "readymade stub" functionality, streets, parking's and curbsides may be prepared for future demand of EV chargers enabling a flexible, scalable and maintenance saving asset of EV chargers.

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## Velove

Climate change, urbanisation, the desire for livable cities and booming e-commerce is a tough equation to solve. Today's standard solution for last mile delivery, the van, is way too resource and energy consuming, no matter if it is electrified or not. It is also a poor solution commercially as it both causes and gets stuck in traffic congestion.

Velove last mile solutions are improving productivity and service quality in last mile delivery. While doing this we also make the city a friendlier place and save energy and resources! The ingredients are the amazing Armadillo electric cargo bike and the innovative City Container system, making the transfer of goods between vehicles and city hubs fast and secure.

A unique quality of the Armadillo cargo bike is the bike path fit, as it is only 86 cm wide. Therefore, it can fully utilise the bike infrastructure without causing problems for other cyclists. It also has fantastic riding characteristics, comfort and ergonomics. Try it!

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## Wideco Sweden

Wideco Sweden has four decades of experience providing an IoT monitoring solution, WiDetect, and is today a leader in District Heating / Cooling leak detection in Europe and well-established in the Middle East, North America and Asia. The WiDetect system monitors close to 40 000 km of pipe networks and 6 000 chambers and tunnels worldwide. A proprietary hosting service sends alarms to customers informing the customer of the exact location of the leak along pipelines or chambers failure as it occurs. The result is that customers always have total control of their pipe networks and chambers and can immediately act on leaks and failures as soon as they occur, avoiding high costs and potentially dangerous situations for people nearby.

Our IoT chamber monitoring solution provides endless opportunities to continuously measure water levels, humidity, temperatures, gases, lid opening/closing and much more. The unit can be operated with a battery lasting minimum 5 years or via power, in which case further possibilities are available, such as automatically starting pumps when flooding has been detected.

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# Hello. My name is Sweden. Join me in the Swedish Pavilion!

I might be a small country, but I am a leader in smart industry. Manufacturing clusters within industries as complex and diverse as automotive, aerospace and defense, life science, chemistry, and machinery and equipment have rooted themselves and grown here.

My long history of openness, equality and diversity has opened me up to collaborations between government, academia and businesses as well as between industries, people and countries.

I invite you to the Swedish Pavilion where you can learn more about, network or partner with Swedish companies in the Investment Lab and the Start-up Lab. Meet companies for discussion and co-creation in the Innovation Lab. And experience the power of collaboration through 13 projects changing the industry. Listen to stories about exciting projects and collaborations at the Inspirational stage and the Co-Lab stage. And lastly, visit Sweden Cold-Lab, the most chill place in Hannover.

*Welcome!*

# Monday 1 April:

## **09:00–09:30 Inauguration Sweden Co-Lab Pavilion**

**Organiser:** Deutsche Messe, Business Sweden

**Description:** Opening remarks by Stefan Löfven and Angela Merkel (tbc) in Sweden Co-Lab Pavilion (10 min) thereafter the heads of government will have a led tour of the Sweden Co-Lab Pavilion with Ylva Berg and Anna Liberg, Business Sweden as lead (20 min).

**Demo demonstrations:** Flexible product and next generation employees, Digital Twin, Digitalize Additive Manufacturing

**Participants:** Sweden Co-Lab Official Business Delegation, High level governmental and industry representatives, global media and press representatives, stakeholders, trade fair visitors

**Venue:** Sweden Co-Lab Pavilion Hall 27, Monter H30

## **11:15–13:15 Business Summit: Innovation as platform for competitiveness**

**Organiser:** Sweden Co-Lab

**Participants:** H.E. Stefan Löfven, Prime Minister of Sweden and C-Level industry representatives from Germany and Sweden

**Description & Purpose** The Business Summit is a public event and the starting point of the conference week at the Swedish Pavilion shortly after the inauguration of the pavilion. In conjunction with the inauguration of the Swedish Pavilion and the extending of the German Swedish innovation partnership, the Business Summit brings together Swedish-German high-level decision makers from politics and business to discuss innovation as a platform for competitiveness.

The goal is to examine how to foster innovation potential through future Swedish-German – and worldwide – collaborations, to ensure the required global competitiveness of tomorrow.

**Topic:** Innovation as a platform for competitiveness enabled by collaboration

**Audience:** Swedish delegation, German counterparts, media, Hannover fair visitors

### **VIP Presence**

**Venue:** Sweden Co-Lab Pavilion Hall 27, Monter H30

**Access:** Hannover Fair exhibitor pass

**Additional invitees:** Please feel free invite your stakeholders.

# Wednesday 3 April:



HELLO.  
MY NAME IS  
SWEDEN.  
  
WELCOME TO  
PARTNER  
COUNTRY NIGHT.

Through a collaboration  
with you we will innovate  
how to mingle and have fun.

Experience food, music,  
cold creativity and  
the warmth of Swedish  
hospitality.

Välkommen!

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**When:** April 3, 18.00-22.00

**Where:** Sweden Co-Lab Pavilion,  
HANNOVER MESSE, Hall 27, Booth H30

# The German-Swedish Chamber of Commerce

The German-Swedish Chamber of Commerce is since 1951 the central point of contact to promote the development of German and Swedish trade and business relations. It is part of the German chamber of commerce network and well connected with companies, authorities and institutional partners.

The services include finding and matching business partners, distributors, sales agents and importers. Support on trade fairs and personalized evaluation of the marketing and sales potential in Sweden or in Germany for all types of products are also part of the service.

Since 2014 the German-Swedish Chamber of Commerce is running the 'German program' in cooperation with the Swedish Energy Agency, helping Swedish cleantech-companies expanding into the German market. This includes individual business partner brokerages, intercultural coaching, delegation trips to Germany, market analyses and activities on trade fairs – such as the Hanover fair.

The 'German program' is part of the German Swedish Tech Forum. This German-Swedish innovation platform was initiated and hosted by the German-Swedish Chamber of Commerce and the Royal Swedish Academy of Engineering Sciences (IVA), and launched by Chancellor Angela Merkel and Prime Minister Stefan Löfven in January 2017.

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Tysk-Svenska Handelskammaren  
Deutsch-Schwedische Handelskammer

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# Swedish Smart Grid Forum

The Swedish Smart Grid Forum is a national forum appointed by the Swedish Ministry of Environment and Energy. The task of the Forum is to promote dialogue and actions enabling the development of smart grid solutions, which contributes to a robust and effective energy system and the Swedish target of 100 percent renewable electricity by 2040. The Forum provides a platform for stakeholders in the energy sector – authorities, academia and companies – that have the possibility to contribute to the development. The Forum also works closely with the Swedish Energy Agency.

**Contact:**

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[www.swedishsmartgrid.se](http://www.swedishsmartgrid.se)



# Business Sweden

Business Sweden's purpose is to help Swedish companies reach their full international potential and foreign companies to invest and expand in Sweden. We offer our customers strategic advice and hands-on support in 50 of the world's most interesting markets.

Business Sweden is owned by the Swedish Government and the industry, a partnership that provides access to contacts and networks at all levels. Business Sweden was founded on the first of January 2013, by a merger of the Swedish Trade Council (Exportrådet) and Invest Sweden.

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# The Swedish Energy Agency

The Swedish Energy Agency is a Swedish governmental organisation with an overall responsibility of promoting sustainable energy systems using renewable energy, energy efficient technologies, a smarter end-use of energy, and mitigation of climate change.

Besides policy development and international collaborations, the Swedish Energy Agency is also an active public financier of R&D and early and growth stage clean tech companies in Sweden through a system of grants.

Bilateral and multilateral agreements are critical to achieve the objectives of a sustainable energy system, including knowledge exchange and, support for Swedish cleantech companies expand on international markets.

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# Programme:

## HAPPENINGS IN THE ENERGY PAVILION

Every day in the afternoon, there will be a planned event with snacks and networking mingle in the Energy Pavilion, between 16:00 - 17:00.

Every event will be hosted by a partner:

### Monday 1 April 2019

*A shared sustainable e mobility*

**Eventpartner:** Association of Swedish Engineering Industries, Teknikföretagen

### Tuesday 2 April 2019

*How connected chargers and smart charging can support emobility development and the energy transition*

**Eventpartner:** Garo

### Wednesday 3 April 2019

*Hybrit – Towards fossil free steel*

*Introduction: Anders Ygeman, Swedish Minister for Energy and Digital Development*

**Partner:** Vattenfall

### Thursday 4 April 2019

*Connectivity & 5G – Smart Manufacturing & Sustainability*

**Eventpartner:** Ericsson



Teknikföretagen



VATTENFALL 



ERICSSON

ELECTRICITY

e-on

NEVS

UBIGO



## OTHER EVENTS ORGANISED BY THE PARTNERS OF THE SWEDISH ENERGY PAVILION

**Monday 1 April 2019**

**at 13:00 14:15 in Hall 27; L55**

*Panel discussion: Energy transition:*

*Moving on to the next stage*

*Speaker: Robert Andrén, Director General, Swedish Energy Agency*

**Organizer:** Hannover Fair

**Tuesday 2 April 2019**

**at 11:15 12:00 in Hall 27;**

**H30 Sweden Co Lab Pavilion**

*Keynote speaker: Ibrahim Baylan,*

*Minister for Enterprise*

*Panel discussion: Efforts towards zero emission*

**Organizer:** Swedish Energy Agency

**Wednesday 3 April 2019**

**at 11:45 12:45 in Hall 27; L55**

*Forum Integrated Energy: Flexibility in a smart city – lighthouse projects from Sweden*

**Organizer:** The Swedish Smartgrid Forum

**Thursday 4 April 2019**

**at 12:00 13:00 in Hall 27; H30 Sweden Co-Lab Pavilion**

*Introduction by Anders Ygeman, Minister for Energy and Digital Development*

*Startup pitches: Energy innovations and business opportunities*

**Organizer:** Swedish Energy Agency





SWEDISH ENERGY PAVILION