

V A A S A . V A A S A .

INVEST IN  
VAASA  
FINLAND



# ENERGY IN VAASA

Vaasa is the Nordic hub for energy technology

Thanks to its energetic pulse our city is known as EnergyVaasa, the largest energy technology hub in the Nordic countries. This has made it a world leader within different technologies, such as smart electrical solutions, sustainable energy, flexible power generation and digitalisation – to mention a few. The considerable amount of highly technological companies in the area is a fertile breeding ground for new businesses. The economy of EnergyVaasa lives of export, the proof of which lies in the remarkable 80% export rate.



Local universities, energy technology companies and municipalities work intensively together on **RESEARCH, PRODUCT DEVELOPMENT, INNOVATION AND EDUCATION**



**THE MOST  
INNOVATIVE  
AREA  
IN FINLAND**



The energy technology industry has a

**LONG HISTORY,**  
which has resulted in  
**STRONG RESEARCH  
COMPETENCE**

The total business turnover EUR

**4.4** BILLION  
ANNUALLY

The export rate over

**80%**



*In Vaasa we have found the best model of co-operation. Companies, sometimes even competing companies, are able to develop Finland together. Vaasa is a good example. Companies, universities, schools, the surrounding society, the city of Vaasa and its inhabitants have always been building this co-operation and functional ecosystem.*

**JAAKKO ESKOLA**  
PRESIDENT AND CEO,  
WÄRTSILÄ CORPORATION

 **INVESTINVAASA.FI**

**EnergyVaasa**

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# INVEST IN VAASA FINLAND

INTERNATIONAL AIRPORT

40 ha

50 ha

190 ha

50 ha

# GIGAVAASA

The energy technology hub makes Vaasa the best location for creating future innovations

The groundwork for your business has already been done in Vaasa. The extensive GigaVaasa project has resulted in a world-class operating environment for companies in the energy technology field. With a broad company base, skilled experts and energy know-how, Vaasa's energy technology hub makes GigaVaasa the best location for investment and creating future innovations, particularly for battery manufacturing.

GigaVaasa is a uniform area of

## HUNDREDS OF HECTARES

The area is planned as an industrial and storage area

## SUITABLE FOR BATTERY FACTORIES

## LOGISTICALLY EXCELLENT POSITION

in the middle of Finland's most significant reserves of key materials for the battery industry - the most significant lithium, cobalt and nickel resources are located within 2 hours from Vaasa



## THE CHEAPEST

sustainable energy in Europe

## INNOVATIVE AND COLLABORATIVE

energy technology design and manufacturing skills of our local manpower

*It is great that a new energy cluster with excellent export potential is developed in co-operation with different actors in Finland. We are happy to be involved in such a co-operation network.*

**PERTTI LAMBERG**  
CEO, KELIBER OY

## THE GIGAVAASA ECOSYSTEM

provides not only a shorter development time but also lower production costs



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# EASY ACCESS

With seamless connections by land, sea and air,  
Vaasa is an attractive location for doing business

Vaasa is an international city with international companies, which is why we develop logistics to meet global needs. We not only focus on present needs but work strategically to be reachable from other parts of the world in the long run.

Vaasa offers

**ALL FOUR  
MEANS OF  
TRANSPORT**

—  
**AIR, SEA,  
ROAD  
AND RAIL**

transport ensure that Vaasa is  
always easily accessible

**DIRECT  
FLIGHTS**

to **HELSINKI AND STOCKHOLM**  
several times a day

By ship

**4 HOURS TO  
SWEDEN**

By train **3.5** and by  
road **4.5 HOURS TO**

**HELSINKI**



We have the ability to

**COMBINE  
DIFFERENT  
MEANS OF  
TRANSPORT,**

and through that,

**TAILOR  
LOGISTICS  
SOLUTIONS**

to suit many entrepreneurs' and  
companies' ways of doing business

One of the

**BUSIEST AIRPORTS  
IN FINLAND**

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# AMBITION FOR SAVING THE WORLD

## Sustainability is a shared mindset in Vaasa

In Vaasa, people of all ages are taught to think about our environment and youngsters already adopt an eco-friendly lifestyle from kindergarten age. Local universities, energy technology companies and other organisations intensively work together to create a more sustainable tomorrow. Our solutions for electricity distribution, living and transportation have been able to significantly reduce CO2 emissions and save energy. However, development work in Vaasa does not end after a few success stories; many more innovative ideas are still to come.

We wake up every morning

**TO SAVE  
THE WORLD** 

Vaasa aims to be  
a **carbon neutral city** by

**2035**

Vaasa is one of the

**MOST SUSTAINABLE  
CITIES IN FINLAND**

In Vaasa, up to **40% of coal**  
can be replaced with

**RENEWABLE  
BIOFUELS**

**VAASA'S BIOGAS BUS PROJECT IS  
THE FIRST OF ITS KIND IN  
FINLAND** and substitutes 280,000  
litres of fossil fuel every year

*In the Vaasa region  
you will find strong  
expertise in decent-  
ralised energy production  
and energy use solutions.  
The Vaasa region helps to  
showcase how Finnish  
development and techno-  
logies can be combined  
to meet the energy and  
climate goals.* 

**MIKA LINTILÄ**  
MINISTER OF ECONOMIC AFFAIRS

 **INVESTINVAASA.FI**

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# UNIVERSITY CITY FULL OF KNOWLEDGE

## Thousands of university students form a driving force for the Vaasa region

In Vaasa, every fifth resident is a university student. In proportion to population, Vaasa is Finland's largest city of higher education. In Vaasa you can earn your degree in three languages at five different universities, offering alternatives and opportunities in more than 30 multilingual qualifications. In addition, hundreds of international students arrive at Vaasa's Universities each year. Thanks to our strategy for energy education, the vast majority of these young, intelligent people have excellent skills in energy.

### A PIONEER

in higher education co-operation to meet the needs of the business community

900

exchange or degree students

6

universities

### The CO-OPERATION

between **universities and businesses** is one of the driving forces behind the region's business life and produces future innovations

MORE THAN

30%

of city residents have a **UNIVERSITY DEGREE**

Our **ENERGY EDUCATION STRATEGY** ensures the teaching of energy studies from kindergarten to university

Alternatives and opportunities in more than **30** multilingual qualifications

3

Studies in three languages: **ENGLISH, FINNISH AND SWEDISH**

### R&D activities

in Vaasa are among the **most ambitious in Finland**

13,000  
students

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# HIGHLY EVOLVING CITY

## The city of Vaasa is built for a hundred years to come

The environment, equality and standard of living are prime values determining the urban development of Vaasa. Multicultural and diverse population demography, quality of local services, co-creation, circular economy, community development and the broad promotion of culture add great value to the whole city, both in the short and long term. In Vaasa, we are actively developing our urban structure further in this direction, to form a versatile and sustainable cityscape for a hundred years to come. We are a pioneer in smart city solutions, and today many innovative projects such as the Ravilaakso residential area and the Wasa Station multifunctional block are proof of that.

### **INNOVATIVE ENERGY SOLUTIONS** for new buildings

A pioneer in **SMART  
CITY SOLUTIONS**

Wärtsilä will invest  
**€200 MILLION**  
in the Smart Technology Hub

The seven largest development projects in the region **ARE WORTH €1 BILLION**, of which the city of Vaasa has invested about €150 million

One euro invested by the city of Vaasa is backed by an estimated **SEVEN-FOLD INCREASE** in external funding

The estimated investments in the industrial areas and **BATTERY PLANT PROJECT AMOUNT TO SEVERAL BILLION EUROS**

*The Wasa Station project combines a new “energy community” approach to producing and storing renewable energy. The project well demonstrates clean, versatile Finnish technology, which is globally attractive.*

**MIKA LINTILÄ**  
MINISTER OF ECONOMIC AFFAIRS

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# ENERGETIC ATMOSPHERE

The coastline city of Vaasa is full of energetic pulse  
and easy living

The name EnergyVaasa refers not only to the energy hub but also to a vitality that can be seen in the city's high employment rates, development, vivid atmosphere and happy people. Vaasa is a vibrant city founded more than 400 years ago, offering high living standards, a good work-life balance and opportunities for the entire family.

10% FORESTS AND  
GREEN AREAS

Vaasa is the gateway to the only

**NATURAL  
HERITAGE  
SITE** IN FINLAND -  
THE KVARKEN ARCHIPELAGO

473

kilometres of shoreline

EVERYTHING IN VAASA IS WITHIN WALKING OR BIKING DISTANCE -  
here people do not sit in traffic jams but are at work in

10-15 minutes

*Vaasa has turned out to be a hidden gem. We selected the location for business reasons, but I have found that it is also a very good place to live. We appreciate that Business Finland has put a lot of faith in us via the Startup Permit, and we strive to deliver on that here in Vaasa.*

**ANDREY SHIGAEV**  
CEO, GEYSER BATTERIES

 [INVESTINVAASA.FI](https://investinvaasa.fi)

**Energy**Vaasa