

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 total business turnover EUR

4.4

BILLION



The energy technology industry

LONG HISTORY, which has resulted in

STRONG RESEARCH COMPETENCE

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





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.

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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



happy to be involved in such a co-operation network.

PERTTI LAMBERG

CEO, KELIBER OY

It is great that a

new energy cluster with excellent export

potential is developed in

co-operation with different actors in Finland. We are

THE CHEAPEST

sustainable energy in Europe

INNOVATIVE AND COLLABORATIVE

energy technology design and manufacturing skills of our local manpower

THE GIGAVAASA ECOSYSTEM

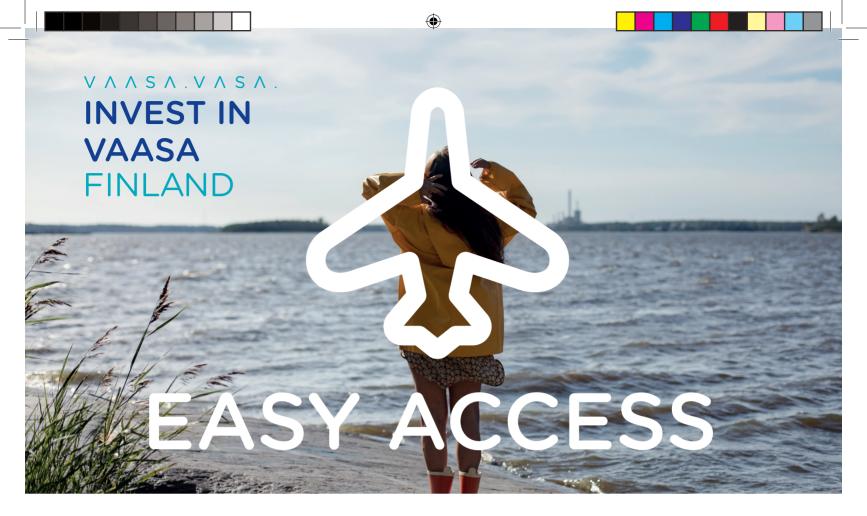
development time but also ower production costs



INVESTINVAASA.FI

Energy Vaasa

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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.

c tong run.

Vaasa off<u>ers</u>

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

One of the

BUSIEST AIRPORTS IN FINLAND





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



INVESTINVAASA.FI



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 decentralised energy production and energy use solutions. The Vaasa region helps to showcase how Finnish development and technologies can be combined to meet the energy and climate goals.

MIKA LINTILÄ MINISTER OF ECONOMIC AFFAIRS



Energy Vaasa

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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

MORE THAN

of city residents have a **UNIVERSITY** **ENERGY EDUCATION STRATEGY** ensures the

teaching of energy studies from kindergarten to university

ENGLISH, FINNISH

AND SWEDISH

R&D activities

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

CO-OPERATION

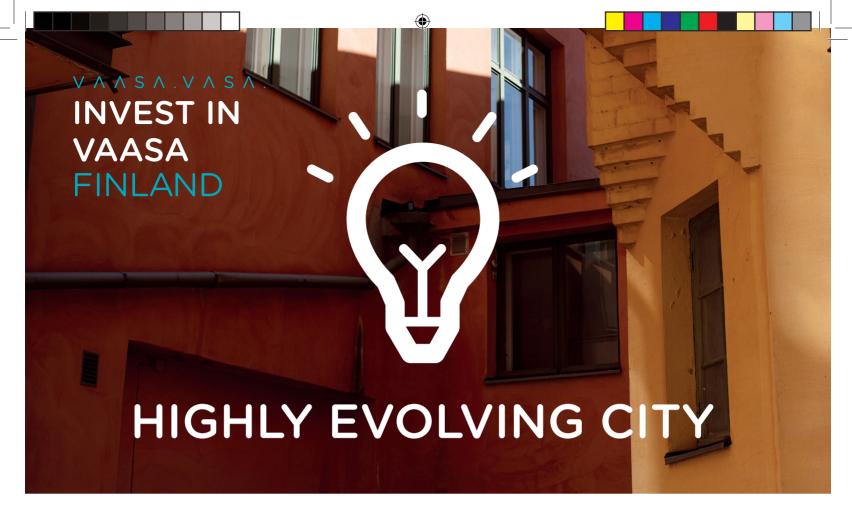
between universities and businesses is one of the driving forces behind the region's business life and produces future innovations

13,0



Energy Vaasa

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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**

€200 MILLION

ects in the region RE WORTH €1 **BILLION**, of which the city

One euro invested by the city of Vaasa is backed by an estimated

SEVEN-FOLD INCREASE

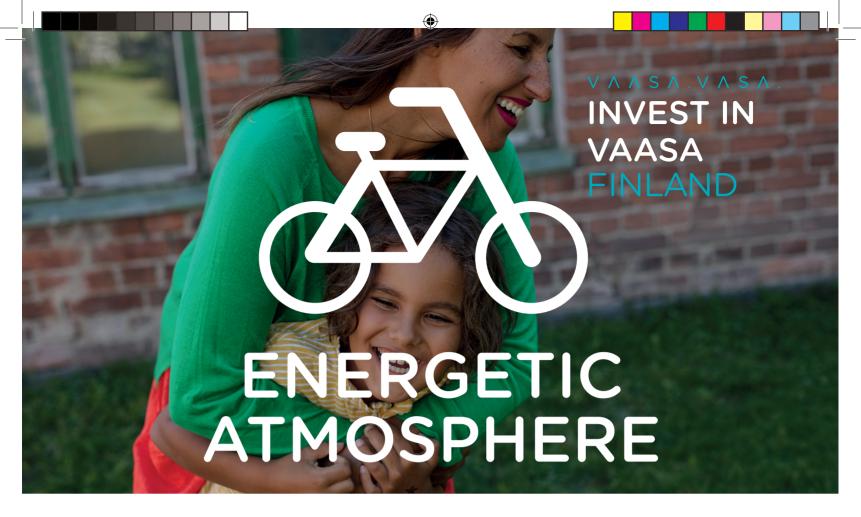
in external funding

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





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 iams but are at work in

10-15 minutes

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

