

Long traditions



The Wickström brothers start their engine factory in Vaasa

1906

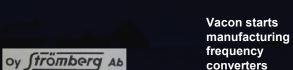


War in Finland forced Wärtsilä and Strömberg to move manufacturing to the Western part of Finland. War reparations 1944– 1952 increased the production efficiency

1938 - 1952

Strömberg generators and transformers to Vaasa Wärtsilä starts manufacturing diesel engines in Vaasa

1954



1993



Increased environmental awareness & legislation after 2000 has changed the energy sector

Lot of business for EnergyVaasa companies

2000

5,000 jobs

1880

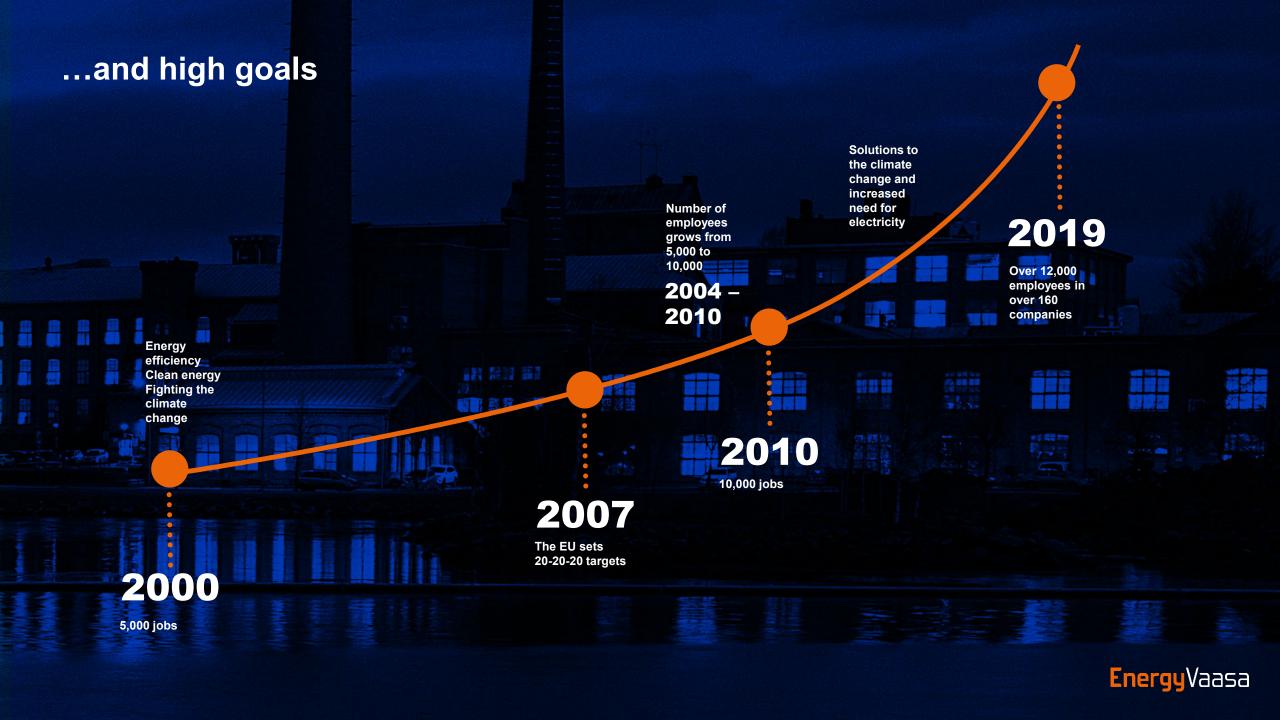
Beginning of energy technology 1940

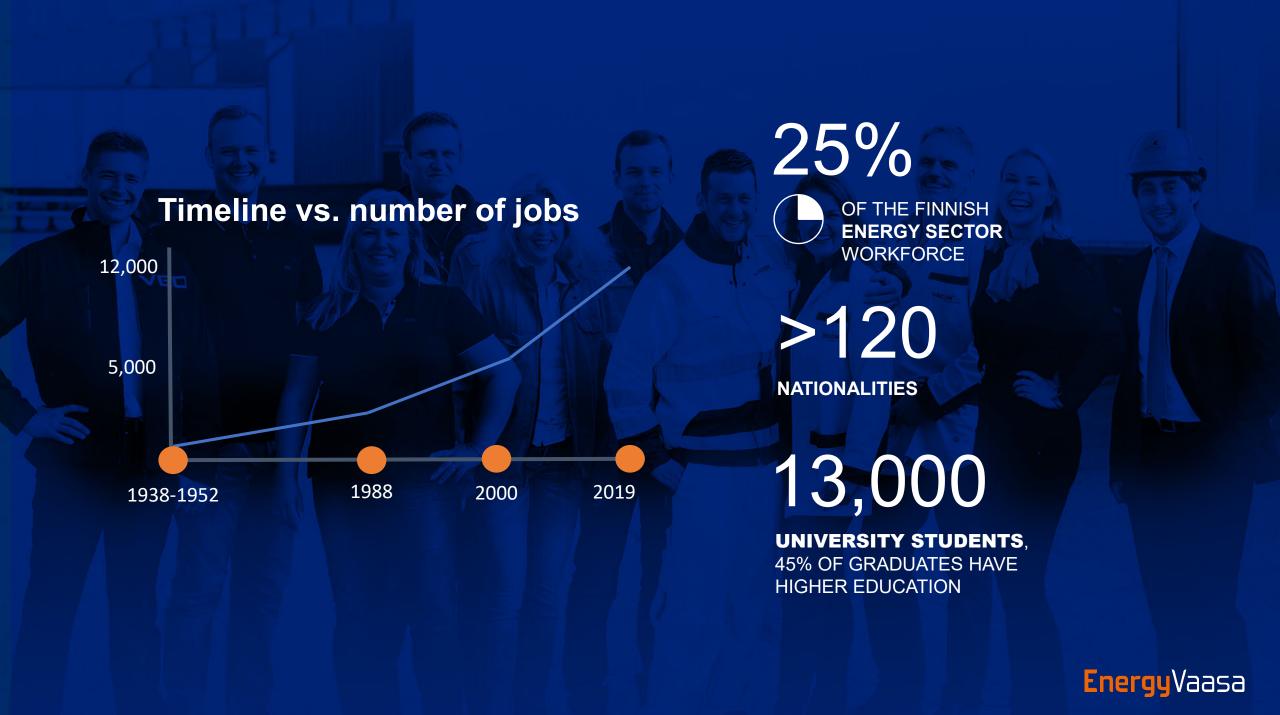
Strengths: Know-how and efficient production 1988

Strömberg becomes a part of ABB

Spin-offs like VEO, Vacon and VAMP

EnergyVaasa





R&D Investments 200 M€ 152.5 M€ 126.0 M€ 93.0 M€ 200 M€ 2019

Most green patents in the Nordics



More than 90% of the Finnish R&D in electrical and automation solutions

80%

of R&D is privately funded



World Leader in Electrical and Automation Technology

 100% of countries have EnergyVaasa technology in their electrical network systems

 More than 90% of Finland's electrical and automation development takes place in the Vaasa region

 The region provides the world's finest technology to all corners of the world





IN ENERGY TECHNOLOGY
OF WICH 80% IS
PRIVATELY FUNDED

BILLION EUR BY 2025



ENERGY TECHNOLOGY
INFRASTRUCTURE
INVESTMENTS BY JUST 8
COMPANIES

13,000



STUDENTS IN 6 UNIVERSITIES, 45% OF ALL GRADUATES HAVE HIGHER EDUCATION

20 OF FINLAND'S POPULATION GENERATES

EXPORT: 5.5%

TECH EXPORT: **12%**

ENERGY TECH EXPORT: 30%

MORE THAN



BUSINESSES, SEVERAL OF WHICH ARE GLOBAL MARKET LEADERS IN THEIR FIELD

OVER

30%



OF FINLAND'S TOTAL EXPORT IN ENERGY TECHNOLOGY

TOTAL
BUSINESS
TURNOVER
SOME

BILLION
EUR
ANNUALLY



EXPORT 80%
OVER

CURRENT NUMBER OF EMPLOYEES: 12,000

*** * * * * * * * * ***

25%

OF TOTAL MANPOWER
IN THE FIELD OF
ENERGY IN FINLAND

Energy | THE NORDIC HUB Vaasa | FOR ENERGY TECHNOLOGY











