

ENERGY EDUCATION PATH IN VAASA

In Vaasa, the energy capital of the Nordic countries, students master the skills of working life and energy competence.



STUDENTS GET USEFUL SKILLS AND ABILITIES

We create models which promote learning the working skills of the future

- Identifying dynamic working life skills in the future and integrating these into education
- Education across language, school and educational stage boundaries

COMPETENT TEACHERS

We support and motivate teachers

- Structure
- Network of energy teachers
- Educating teachers
- Learning environments (virtual and physical)



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EARLY CHILDHOOD EDUCATION

Raising interest and participation

- Energy documentation
- ICT ja basics of technology
- Small group, theme and project work

BASIC EDUCATION

Modern teaching resources
Multiprofessional projects

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VOCATIONAL EDUCATION

Central focus

- Qualifications and further education in the energy branch

Proficient support group - Energy in professions

- Qualifications that support the energy branch
- All qualifications



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UPPER SECONDARY SCHOOL EDUCATION

Central focus

- Physics, Chemistry, Mathematics

Energy as a phenomenon

- In subjects and school activities

POLYTECHNIC EDUCATION

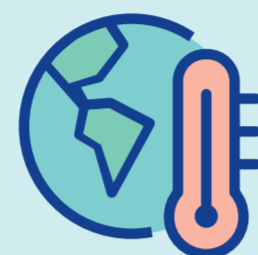
Central focus

- Intelligent electricity technology, robotics and 3D
- International trade

Proficient support group - Energy in professions

- Education and research that support the energy branch

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ENERGY COMPETENCE GROWS IN THE SCHOOLS

Energy is a natural part of the educational content on all educational stages

- Energy is integrated into education
- Visits to energy companies
- Expert visits (virtual and live)
- Energy as a subject in education and degrees



YOUNG PEOPLE AND ADULTS ENTER INTO WORKING LIFE WITH GOOD SKILLS

The energy cluster attracts skilled people

- Work-oriented studies
- Teamwork between working life, students + teachers
- STEM subjects
- Optional subjects
- Club activities
- Educational path in FIN/SWE/ENG
- Further training

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UNIVERSITY EDUCATION

Central focus

- Degree programmes in Energy

Proficient support group - Energy in professions

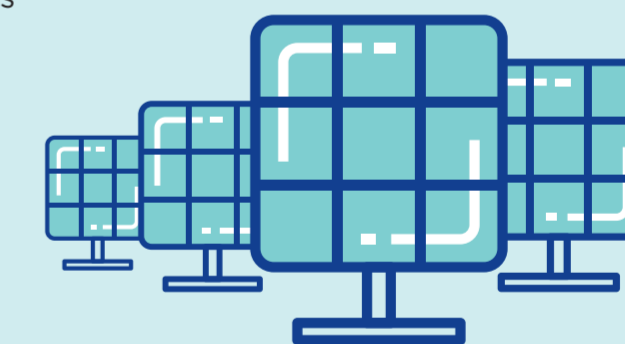
- Energy-related themes and know-how in other degrees
- Energy as a minor subject



STUDENTS KNOW THE STUDY AND CAREER POSSIBILITIES WITHIN THE ENERGY CLUSTER

Interaction between schools and working life

- Training for study counsellors
- Excursion path
- Expert bank
- Business village
- Introduction to working life
- Precision days
- Summer jobs



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