

Curriculum vitae

Vanja Manborg

Contact information Name: Vanja Manborg
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Birthday: 20.10.1985

- Primary skills**
- Energy systems analysis with focus on buildings, development of new buildings and districts
 - Environmental consequence assessments of energy solutions (heating and cooling technologies, energy storage, low-temperature heating or high-temperature cooling...)
 - Data analysis and modeling
 - Analysis and design of pricing models for district heating and cooling
 - Research and development of energy strategies
 - Project management

I have built up my expertise regarding energy systems from the ground up – from working with energy renovation projects for a large housing company in Sweden, including data analysis and control systems to working with developing energy strategies. As a consultant, I have broadened my skill set to include larger energy systems including district heating and cooling as well as development of new city districts.

Work experience **2018– Profu, Gothenburg (www.profu.se)**

Working as a consultant I've sharpened my skillset for project management as well as broadened my knowledge of energy systems, particularly district heating and cooling.

A small subset of projects I've worked on include:

- Energy analysis and environmental consequence assessment of energy solutions for new city districts
- Pricing model design for district heating and cooling, including using AI to develop a dynamic pricing model for district heating
- Energy and environmental analysis of possible energy refurbishment projects for a large building stock
- Economic assessment of energy investments including comparison of heating costs with different technologies
- Working and leading research projects regarding low-temperature district heating, district cooling, digitalisation of the building sector...

2009 – 2018 Bostadsbolaget, Gothenburg

During my time at Bostadsbolaget I've managed many different energy renovation projects involving ventilation, hydronic balancing, lightning, photovoltaic installations and so on. I've also been responsible for monitoring and programming control systems for heating and ventilation as well as monitoring heating, electricity and water use.

I've also worked on developing energy strategies like renovation goals, remittances of EU directives and monitoring of national and international energy- and environmental targets.

Akademisk utbildning **2004 – 2009 Master of Science in Engineering, Chalmers University of Technology**

Field of study: Mechanical Engineering
Master's Programme: Sustainable Energy Systems

Languages

English (fluent)
Swedish (fluent)
Serbian (almost fluent)
Italian (beginner)

Fiduciary duties

2019 - 2022 Member and later chairman of a housing cooperative

Fun facts

Black belt in Taekwondo, blue belt in Brazilian Jiu-Jitsu