

**Solutions
for tomorrow**



Karelia

University of Applied Sciences

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Head of Education

PlastLIFE –project seminar

Sustainability and circular economy in Karelia UAS

**Solutions
for tomorrow**



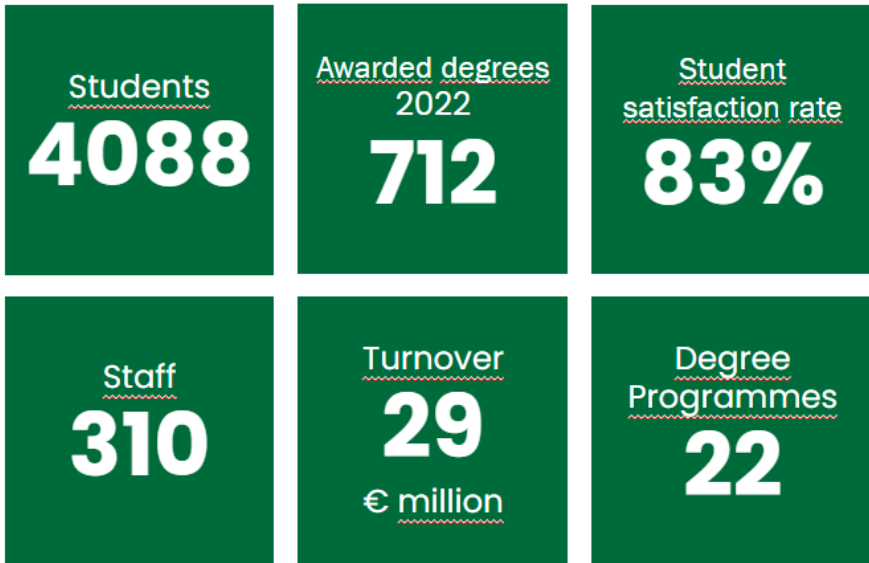
Karelia University of Applied Sciences in North Karelia

Climate sustainability, circular economy and protecting ecological diversity are the most important themes in the strategy of North Karelia 2024.

We, in Karelia University of Applied Sciences are committed to these low-carbon emission goals set by the city of Joensuu and province of North Karelia.

Solutions
for tomorrow

Education



- **Sustainable development as a key competence in all degrees**
- Environmental degrees:
- Energy- and environmental engineering (BSc)
- Forestry (BSc)
- Sustainability Management (MSc) NEW!

Joint key competences

Sustainable development

Bachelor

The graduating student is familiar with the principles of sustainable development, promotes their implementation and acts responsibly as a professional and a member of society.

- Is able to use information related to their field in finding, implementing and establishing sustainable solutions and operating models.
- Understands sustainability challenges, their interdependencies and the various aspects of issues and problems.

Master

The graduating student develops and manages sustainable and responsible operating methods in their work and promotes sustainable change in their work community and society.

- Is able to apply the knowledge and future visions of sustainable development comprehensively as a basis for sustainable solutions.
- Is able to analyse and assess systemic dependencies of complex multidisciplinary problems and the different dimensions of solutions

Projects



- **Examples of the projects running:**
- Älykkäät energiayhteisöt - Clever energy societies
- BlackGreen, kestäviä sovelluksia biohiilestä P-K:ssa - Durable applications from biocarbon
- GLOW2.0 - Green energy technologies for tourism growth
- PlastLIFE - Muovien kestävä kiertotalous - sustainable circular economy for plastics
- Älykäs ja ilmastoviisas rakentaminen - Clever and climate-wise construction
- More: <https://www.karelia.fi/projektit/>



Together with the working life

Our main tasks:

1 EDUCATE Produce professionals for the working lives' needs, also creating opportunities to life long learning

2 SUPPORT DEVELOP INNOVATE Produce education and run development projects that serve the surrounding working live and support the regional development

Together with the local businesses

- Around 2/3 of the graduates are employed to the regional businesses and organizations in North Karelia

Thank you!

**Ylihuomisen osaamista.
Yhdessä.**

**Let's craft a better
tomorrow.
Together.**



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