



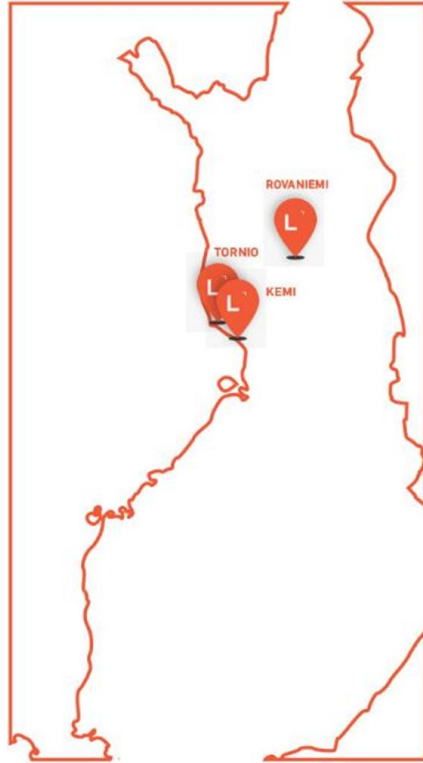
Lapland University of Applied Sciences

Anne Saloniemi, Specialist

Lapland – on top of the world



Lapland UAS in figures (2023)



Students **6000**

Employees **411**

Operating area **98 984** km²

Turnover € **49,1** million

Volume of RDI activities

€ **19,3** million

23 Bachelor degree programmes

11 Master degree programmes

1002 Bachelor degree graduates

190 Master degree graduates

LUC

Vision 2030: CREATIVE FORERUNNER Responsible Arctic University Community

LAPIN AMK⁷
Lapland University of Applied Sciences

STRATEGIC CHOICES AND DEVELOPMENT FOCUSES

GLOBAL ARCTIC RESPONSIBILITY

- Digital and green industry
- Sustainable built environment and energy
- Sustainable forestry and food production

OPERATING ENVIRONMENT & FACTORS OF CHANGE

- Circular economy
- Demographic trends
- Arctic conditions

- Climate change
- Internationality

Digitalisation



SUSTAINABLE TOURISM

- Creative, experiential and smart solutions in tourism

FUTURE SERVICES AND REACHABILITY

- Sustainable solutions in supporting welfare
- Social economy



GLOBAL+ National and international networks

STUDY+ Education development

WORK+ Wellbeing and communality

Trust

Open-mindedness

Support for communality

ENABLERS

OUR VALUES

STRATEGIC CHOICE:

Global Arctic Responsibility

DEVELOPMENT FOCUSES AND EXPERTISE

SUSTAINABLE BUILT ENVIRONMENT AND ENERGY

- Low carbon construction
- Renewable energy and energy efficiency

DIGITAL AND GREEN INDUSTRY

- Intelligent power grid and automation solutions
- Modern manufacturing and fossil-free materials

SUSTAINABLE FORESTRY AND FOOD PRODUCTION

- Sustainable forestry and logging
- Food security and smart agriculture

4 QUALITY EDUCATION



7 AFFORDABLE AND CLEAN ENERGY



9 INDUSTRY, INNOVATION AND INFRASTRUCTURE



11 SUSTAINABLE CITIES AND COMMUNITIES



Sustainable forestry and logging:

- sustainability of arctic **forestry and logging** take into account **climate change**
- efficient **wood supply** for the forest and sawmill industry
- promote **biodiversity and nature management methods**
- digital solutions** for producing efficient operating models and services
- decision-making on **land use and multiple uses of forests**
- production of location-independent and **automated methods** for the use of business and industry

Food security and smart agriculture

- regional **food security**, viable and sustainable primary production and processing
- natural products**, new crops and methods, promotion of resource-efficient **meat production** and fisheries
- circular economy and digitalisation** as cross-cutting themes



EMERGING TECHNOLOGIES



RENEWING BUSINESS MODELS



CIRCULAR ECONOMY

The main fields for the Future Bioeconomy competence group are

- **Forestry** AGRARSENSE (Chip Joint Undertaking)
- **Agriculture** EVECSA European Vocational Excellence for Climate Smart Agriculture
- **Natural resources** Active Biolab (JTF)
- **Food business** ClimateFood (Interreg Aurora)
- **Reindeer farming** Reindeer slaughter by-products towards carbon neutrality (ERDF)





Biolab

- Biolab of the Lapland University of Applied Sciences and the Arctic Center is a development and learning environment focused especially on **research and product development of natural products and food sector**, which serves both entrepreneurs and students.
- Biolab, has versatile professional equipment and expertise for the different stages of the product development process, **from raw material pre-preparation to packaging.**

RDI cooperation

Funding

programmes:

- Horizon Europe
- Interreg Aurora
- Interreg B
- Interreg C
- Erasmus+
- The Chips Joint Undertaking (*Chips JU*)
- TFK programme

Networks:

- AGRARSENSE
- ERIAFF
- European University Foundation (EUF)
- ROSEWOOD4.0
- S3
 - Bioenergy
 - Berry+
- uArctic
- Vanguard initiative

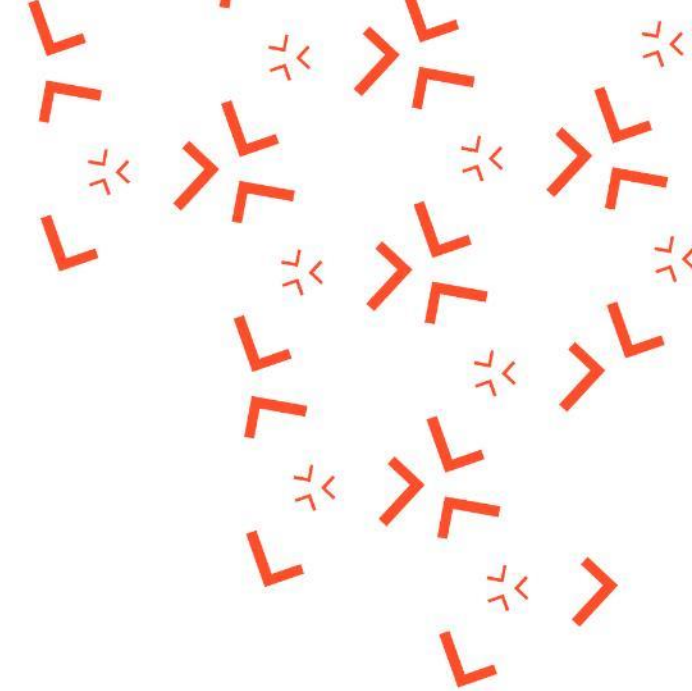


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*I'm fire. I'm ice.
I'm a storm. I'm calm.
I'm strong and sensitive.
I have the Northern Factor*