

NATURALLY CREATIVE

RESEARCH AND DEVELOPMENT
IN THE LAPLAND UNIVERSITY CONSORTIUM



Lapland University Consortium



www.luc.fi/international



THE LAPLAND UNIVERSITY CONSORTIUM, LUC

The Lapland University Consortium (LUC) combines the expertise of **Kemi-Tornio University of Applied Sciences**, the **University of Lapland** and **Rovaniemi University of Applied Sciences** under the same umbrella. The combination of three higher education institutes offers unique possibilities for strong multidisciplinary education, research and development. The consortium offers an attractive environment for learning and innovation, also internationally.

The LUC has long and extensive experience in international collaborative research and development. Working in close cooperation with the surrounding society, we focus on user-driven innovation and swift application of research results.





Lapland of Experiences, Culture and Tourism

Competence in Business and Entrepreneurship

Competence in

Lapland of Natural Resources

RESEARCH AND DEVELOPMENT IN LUC

Research and development in LUC is based on the multidisciplinary cooperation and individual areas of expertise of the three institutions. The research and development is always carried out in close cooperation with the surrounding society, and they typically result in real life applications.

To foster its research and development, LUC has adopted a joint innovation programme. The programme defines the targets

and measures through which the institutions will support the development of the public and private sectors toward renewal and change. The aim of the innovation program is to create technological, commercial and social innovations.

The targets of LUC's innovation development focus on four areas supported by three sectors of expertise: Lapland of Experiences, Culture and Tourism, Lapland of Wellbeing, Lapland

Lapland of Wellbeing

Education

ICT competence

Lapland of Industry



of Natural Resources and Lapland of Industry. Two institutes of cutting-edge expertise have been established in Lapland: the Lapland Institute for Tourism Research and Education in Rovaniemi and the Institute for Northern Culture in Tornio.

The Lapland Institute for Tourism Research and Education conducts internationally high-standard research, education and development in the tourism sector.

The Institute for Northern Culture is a network that develops cultural production and heritage through cooperation in education, research and art.

STRATEGIC FIELDS OF EXPERTISE

KEMI-TORNIO UNIVERSITY OF APPLIED SCIENCES

The extensive expertise of Kemi-Tornio University of Applied Sciences in international research and development makes KTUAS a strong and reliable partner and coordinator in collaborative R&D projects. Its relatively small size makes KTUAS an agile and dynamic organization. The contents of the KTUAS R&D activities are driven by our strategic fields of expertise, and they stem from interaction with regional and international partners.

In Lapland of Experiences, Culture and Tourism we invest in

- production of northern works of art,
- international business know-how and new business models,
- ICT know-how in web solutions, open source and ICT business.

In Lapland of Wellbeing we develop multidiscipline know-how in preventive and rehabilitative work in

- geriatrics,
- welfare of children, young people and families,
- occupational health,
- regional research and development of welfare services.

In Lapland of Industry we develop know-how in

- optical measurements / vision systems,
- maintenance,
- usability of materials,
- embedded systems.

ROVANIEMI UNIVERSITY OF APPLIED SCIENCES

At RAMK we're available when you wish to achieve something new. We focus on understanding, protecting and utilising the special qualities of the North. Our special expertise lies in the development of tourism and the conditions that affect tourism. This includes the development of service production and business operations, the promotion of health and well-being, the diversified and sustainable utilisation of the northern environment and the development of cold climate technology.

In Lapland of Experiences, Culture and Tourism we promote

- tourism service production and business operations,
- tourism environments,
- tourist safety.

In Lapland of Wellbeing we foster

- health and rehabilitation,
- wellbeing-related tourism,
- wellbeing and health care technology,
- physical activity and competitive sports.

In Lapland of Natural Resources we advance

- landscape management,
- production and use of bioenergy and other natural products,
- technological applications that promote sustainable development,
- rural industries.

In Lapland of Industry we develop

- decentralised energy production,
- tourism and mining construction,
- cold climate technology.

UNIVERSITY OF LAPLAND

As a research-based institution, the University of Lapland gives priority to distinctive, dynamic and multidisciplinary research. Our international research and development activities emphasise multifaceted Arctic and northern issues, as well as local, regional and global tourism. In addition, our strategic focus areas – service design; northern welfare and changing work; sustainable development, law and justice – provide new insights into research and development cooperation.

In Lapland of Experiences, Culture and Tourism we cultivate

- socially, culturally, economically and ecologically sustainable tourism,
- creative solutions in art and design,
- Northern art and cultural history,
- environmental and communal art.

In Lapland of Wellbeing, we explore the changes in societies, work and welfare, and advance

- education in Northern communities,
- the welfare of children and young people,
- the rights of minorities, especially the Sámi people,
- social work.

In Lapland of Natural Resources, we highlight

- sustainable development,
- effects of climate change and the use of resources in the Arctic,
- active use and management of environmental information,
- environmental law.

In Lapland of Industry, we emphasize

- design of services and innovations
- legal perspectives to business and technological development,
- effective construction, use and management of information,
- management of changing work.

LAPLAND INSTITUTE FOR TOURISM RESEARCH AND EDUCATION AND THE INSTITUTE FOR NORTHERN CULTURE

Tourism and culture are the mutual areas of expertise of the institutions making up the Lapland University Consortium: Kemi-Tornio University of Applied Sciences, Rovaniemi University of Applied Sciences and the University of Lapland. The three institutions have joined forces with regional vocational schools and set up two joint institutes.

The Lapland Institute for Tourism Research and Education is a unique community of expertise that combines all the stages of tourism education with innovative research and development activities. The institute is formed by the tourism research of the University of Lapland, the Field of Tourism and Catering and Economy of the Rovaniemi University of Applied Sciences and the Lapland Tourism College. The research, development and service (RDS) activities of the institute advance especially the goals of Lapland of experiences, culture and tourism. The RDS operations of the Lapland Institute for Tourism Research and Education are focused in the following:

- to enhance practices, structures, and services,
- to strengthen and develop networks of actors in tourism,
- to enhance the production, analysis, and usability of knowledge, and
- to produce opportunities for the creation and development of service and product innovations.

The Institute for Northern Culture develops the production of culture and nurtures heritage through a network of organizations at three educational levels and a range of cultural actors. The institute builds Lapland's vitality and welfare in cooperation with educational organizations, researchers, and actors in the art world. The core of the institute is formed by the Faculty of Art and Design of the University of Lapland, the Field of Visual and Media Arts of Kemi-Tornio University of Applied Sciences, and the Field of Culture of the Lappia Vocational College. The following development objectives steer Lapland of experiences, culture and tourism:

- implementing a service unit for research archives and for the digitization of northern culture to serve the needs of teaching and research as well as
- product and service development,
- developing and supporting the production of documentary films on northern culture,
- developing new types of northern tourism routes basing on historic events or people,
- developing cultural tourism.



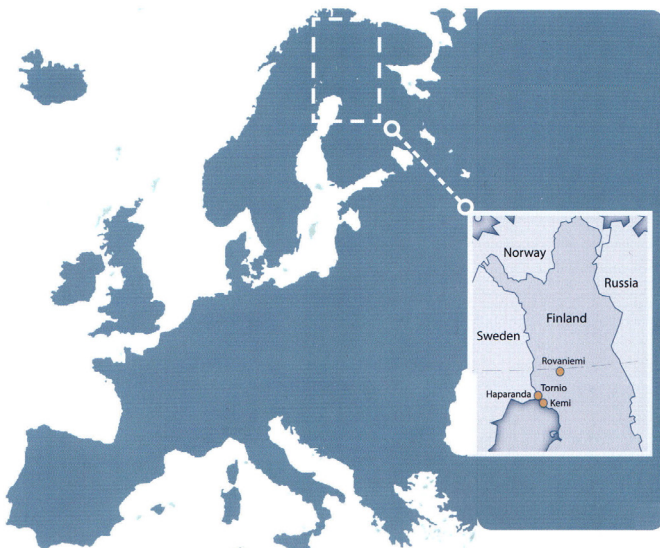
- Established in 1992
- Fields of study and research and development: Culture, Natural Sciences, Health Care and Social Services, Technology and Engineering, Social Sciences, and Business and Administration
- Students: 2,620 (includes 720 adult students)
- Staff: 260
- Maintained by the Kemi-Tornionlaakso Municipal Education and Training Consortium Lappia

www.tokem.fi



- Established in 1996
- Fields of study and research and development: Forestry and Rural Industries, Tourism and Hospitality Management, Health Care and Sports, Technology, and Business and Administration
- Students: 3,000 (includes 700 adult students)
- Staff: 300
- Maintained by the Rovaniemi Municipal Federation of Education

www.ramk.fi



- Established in 1979
- Areas of education and research: Northern and Arctic Issues, Tourism, Art and Design, Education, Law, Social Sciences
- Students: 4,800 (includes around 300 postgraduate students)
- Adult education: 6,200 (Open University, Continuing Education and University of the Third Age)
- Staff: 630

www.ulapland.fi

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