



Bioenergy Technology Research Laboratory

The Mikkeli unit of Lappeenranta University of Technology provides university-level technological expertise in the South-Savo region through research and development as well as education.

The unit supports the competitiveness of the area and local enterprises by producing and compiling high-quality international business expertise based on research. In addition, the unit develops and trains local enterprises, organisations and university units.

The unit operates in close cooperation with the Mikkeli University Consortium, enterprises and municipalities in the region and other public

organisations. The Mikkeli unit represents the university in the South-Savo region, and conveys the university's expertise to the local companies and people. The Mikkeli unit of Lappeenranta University of Technology plays an important role in developing the Mikkeli University Consortium with other university units in Mikkeli.

Expertise in Bioenergy Technology

The research activity of the bioenergy research group emphasises the development of technology and business related to the bioenergy refining chain and bioenergy utilisation.

The objective is to strengthen the current level of bioenergy know-how and the activity of companies in the field and to promote the implementation of the energy strategy of Eastern Finland. Fundamental elements of this strategy include guaranteeing the availability and cost efficiency of biomass to local CHP plants, developing decentralized energy production and creating new work opportunities for local actors in agriculture and forestry. Domestic and international cooperation in research with universities and other research institutes generates high-quality international and scientific bioenergy expertise in the South-Savo region.

Long-term applied research and development promotes the creation of new bioenergy-related business. The target group consists

especially of businesses involved in biofuel production, refining and machine and equipment manufacturing, businesses that produce and consume energy, designing agencies and consultancies as well as entrepreneurs planning to launch a business in the field.

The bioenergy research group emphasises:

- fuel production, refining and transportation chains
- availability and supply logistics of biofuels
- domestic and international biofuel trade
- bioenergy business models
- environmental effects and sustainability of biofuel production chains



Mikkelin yliopistokeskus
Mikkeli University Consortium



Euroopan unioni
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