

## RENEWABLE ENERGY

ISAT (Universities of Applied Sciences in Eastern Finland) serves the development of Eastern Finland by applied research, working life development and customer-oriented innovations. Our shared priorities in the research-, development and innovation activities are implemented into the ISAT focus areas of renewable energy, ageing knowledge in sparsely populated area and Russia expertise. These focus areas create strong and diversified fields of know-how, on which the mutual high-quality work of our two expert organizations is built. ISAT attaches experts in the wide national and international networks to the development of the chosen focus areas in Eastern Finland.

**The focus area** lies in renewable energy solutions that are based on more effective utilization of local energy flows. The aim is to enhance the local energy self-sufficiency and utilize the business opportunities of renewable energy in order to strengthen the regional economy.

**The energy solutions** combine the competences of the two expert organizations and create a wide shared field of know-how. As the priority competences of Karelia University of Applied Sciences are raising the refining value of the regional bio raw-materials and energy business, Savonia University of Applied Sciences

specializes in the design, production and maintenance-related skills of energy solutions.

**Existing and established strengths** of the organizations are forest- and bio-based energy, energy production and -technology design, as well as comprehensive solutions for energy management and energy business competences. In the future, this ISAT focus area will concentrate on the possibilities of renewable energy to strengthen the regional economy, employment and entrepreneurship.

### FOR MORE INFORMATION PLEASE CONTACT:



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