

Sustainability Through Technical Development



Emerging and sustainable technologies are progressing fast, whilst creating inevitable challenges that encourage adaption, understanding, and development through innovative projects.

In response to this, an organisation with broad technical skills and expertise has been created and developed at the Novia University of Applied Sciences from decades of experience. Our speciality is applied R&D-projects with a passion for emerging and sustainable technologies.

Our core technical expertise is focused within the fields of energy technology and environmental technology. These concepts are well known to both us and the world, but still highly relevant and ever increasing in importance. We are strongly committed to expanding our scope within emerging and new technologies, having recently established the Intelligent Systems Institute for this purpose.

We are the providers of sustainable technological expertise, versatile in a variety of concepts, ranging from anaerobic digestion to artificial intelligence. Let's improve the world together!

Our core expertise

ENERGY TECHNOLOGY RESEARCH

Our current focus is on distributed systems and carbon free solutions.

INTELLIGENT SYSTEMS

Our fundamental passion is Intelligent Systems. AI, IoT, VR, AR, and robotics are some of our ongoing technological advancements.

ENVIRONMENTAL TECHNOLOGY AND SUSTAINABILITY

Is a principal concept for us, including anaerobic digestion, nutrient recycling, and LCA.

MEASUREMENT TECHNOLOGY

We gain new empirical knowledge by applying essential tools such as laser scanning and vibrational spectroscopy.

Our prioritised



Sustainable Energy Technology



We strive to achieve positive regional impact and stakeholder added value. Therefore we seek cooperative opportunities with various types of organisations. Here, we typically try to find complementing competences rather than merely matching ones.

Novia UAS can provide research focused universities with applied resources. We can provide regional business and development companies with the technical know-how they need. We can also provide smaller expert organisations with the project administration capabilities that they may need.

We are a valuable and adaptable partner, delivering positive impacts for society, based on partnership approaches. Applied research and development within technological concepts is what defines us. EU-funding is what powers us.

For further information, please contact Research Manager D.Sc. (Tech.) John Dahlbacka john.dahlbacka@novia.fi

Novia RDI Project Portfolio 2022

- Bioeconomy and Sustainable use of Natural Resources
- Sustainable Energy Technology
- Automation and Maritime Simulation
- Interprofessional Health and Welfare
- Business Development
- Arts, Culture and Entrepreneurship