

# Novia University of Applied Sciences RDI – Your Creative, Changemaking, and Agile Partner

At Novia University of Applied Sciences, we want to generate new knowledge and new practices. Through our need-based Research, Development, and Innovation (RDI) activities, we carry out projects in the multidisciplinary networks, as part of the unique local and global ecosystems, which we are continually participating in and fostering. We want to do this together with you.

Our ambition is to generate new knowledge and new practical applications and solutions, as part of the scientific community, both locally and globally. We strengthen knowledge clusters and create innovations.

## Our areas of expertise



### AUTOMATION AND MARITIME SIMULATION

Core expertise:

- Avoiding Accidents
- Maritime Data Solutions
- Safe and Sustainable Practises
- Remote and Autonomous Operations
- In-Depth Shipping and Logistic Expertise

Research Manager:  
Mirva Salokorpi  
mirva.salokorpi@novia.fi



### SUSTAINABLE ENERGY TECHNOLOGY

Core expertise:

- Energy Technology Research
- Intelligent Systems
- Environmental Technology and Sustainability
- Measurement Technology

Research Manager:  
D.Sc. (Tech) John Dahlbacka  
john.dahlbacka@novia.fi



### INTERPROFESIONAL HEALTH AND WELFARE

Core expertise:

- Children's Well-being
- Well-being of Elders
- Integration of International Students
- Digital Solutions
- Professional's Well-Being at Work

Research Manager:  
Annika Wentjärvi  
annika.wentjarvi@novia.fi



### BUSINESS DEVELOPMENT

Core expertise:

- Triple Helix Model
- Supporting Digitalisation
- Innovative Process
- Creating Circular SMEs
- Socially Sustainable Entrepreneurship

Research Manager:  
Hanna Guseff  
hanna.guseff@novia.fi



### ARTS, CULTURE AND ENTREPRENEURSHIP

Core expertise:

- The Relevance of Art
- Artepreneurship
- Educational Development
- Culture as a Societal Changemaker
- Culture Accessible through Digitalisation

Research Manager:  
Therese Sunngren-Granlund  
therese.sunngren-granlund@novia.fi



### BIOECONOMY AND SUSTAINABLE USE OF NATURAL RESOURCES

Core expertise:

- Spatial Planning
- Ecosystem Services
- Local Economy
- Food Systems
- Forest Management
- Energy Supplies

Research Manager:  
PhD Marianne Fred  
marianne.fred@novia.fi

As a Higher Education Institution, we are interdisciplinary and globally oriented. Digital technology and the sustainability goals of the United Nations are critical in all of our RDI projects and collaborations. Additionally, we promote cooperation within the Nordic region and adopt an entrepreneurial approach to our business practices, whilst also focusing on both intrapreneurship and entrepreneurship.

For further information, please contact

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## 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

Our prioritised **SUSTAINABLE DEVELOPMENT GOALS**

