



# Systemic Transformation to Build Resilience

## We specialise in making the world a better place, by finding regenerative approaches within bioeconomy.

Natural resources are the foundation of human society, well-being, and sustainability. Natural resource management is non-negotiable and a generational priority.

Finding solutions based on facts, sharing processes, and society engagement are just some of the building blocks of RDI in Bioeconomy and Sustainable Use of Natural Resources at Novia University of Applied Sciences. Our core tools are cemented within collaboration, networking, and the co-creation of knowledge.

Our goals and achievements are materialised within projects of many sizes, with custom curated courses for a wide range of professions, life-stages, and ambitions. Cooperational and cross-disciplinary projects give us exceptional opportunities to tackle dynamic problems, to implement and apply science, and extract knowledge through grassroot activities - injecting new knowledge right back into the foundations of the field.

We believe this is the best place to begin the transformation and we would love to do it in collaboration with you!

### Our core expertise

#### SPATIAL PLANNING

Using GIS-tools to combine natural sciences with society and humanities in order to gain new perspectives.

#### ECOSYSTEM SERVICES

Coastal areas, where marine and rural systems meet, are at the heart of our research and development.

#### LOCAL ECONOMY

Returning revenue back into the local societies builds resilience and rural livelihoods.

#### FOOD SYSTEMS

Food systems, including regenerative agriculture, direct sales, and artisanal processing are the foundations for the alternative systems we are developing.

#### FOREST MANAGEMENT

Based on knowledge from social and ecological systems enhance long-term sustainability.

#### ENERGY SUPPLIES

Fair and available energy supplies rely on cross-sectoral knowledge to succeed.

Our prioritised



Open Science



Bioeconomy and Sustainable Use of Natural Resources



Coasts are more than just where the sea and land meet, they are gradients, meeting points, and even melting pots. At the Faculty of Bioeconomy, coasts have been the common ground for RDI and education since the birth of Novia UAS, in 2009.

Coastal areas worldwide are special in many respects. Coastal communities are rich in biodiversity and are continuously influenced by the proximity of land and water. Entrepreneurship, flexibility, knowledge, contacts, and communication are the central building blocks for flourishing communities, as well as for transformation towards sustainability.

We aim to create systematic change towards resilient and regenerative coastal areas by co-creating knowledge and communication, whilst working in collaboration with local communities, all over the world.

For further information, please contact Research Manager PhD Marianne Fred [marianne.fred@novia.fi](mailto:marianne.fred@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