



# THERESE BENNICH

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## ADAPTECONII - PROJECT 5

### ADAPTECONII RESEARCH FOCUS

Therese's PhD topic is the transition to a bio-based economy in the Nordic context, with a specific focus on Sweden. She is modelling potential pathways and scenarios for the future, looking at synergies and trade-offs between different goals and objectives. System dynamics modelling allows for an integrated analysis, taking into account multiple views and perspectives. It does also support the identification of uncertainties and risks. The research makes use of participatory processes, involving stakeholders in the modelling effort. The ecosystem services framework is used as an overall frame for analyzing different pathways and their implications.

### EXPERIENCE

Therese comes from a background in political science, sustainable development, and economics. With a strong belief that environmental and social issues cannot be understood and solved without a systems perspective, she joined the European Master in System Dynamics. Seeking ways to turn theory into practice throughout her studies, she engaged in a variety of projects, e.g. on sustainable tourism and rural development in Costa Rica with an explicitly holistic systems approach. Furthermore, before starting her PhD, she worked with a global, non-profit aid-agency on programs related to land-rights, education, and women's rights.

### KEYWORDS

- Bio-based economy
- Participatory modelling
- Ecosystem services
- Biodiversity
- System dynamics modelling

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