

SUSTAINABILITY, INNOVATION AND POLICY (SIP)



THE RESEARCH GROUP SUSTAINABILITY, INNOVATION AND POLICY

DEPARTMENT OF SUSTAINABILITY AND PLANNING
TECHNICAL FACULTY OF IT AND DESIGN

SIP is an interdisciplinary research group focused on supporting a sustainable transition of the society. Our research is centred around Sustainability, Innovation and Policy. Through the years we have developed research-based knowledge, methods and innovations that can support various stakeholders' opportunities for creating sustainable development.

VISION

Our vision is to contribute to a circular and sustainable transition through research-based collaboration. We contribute to capacity building, empowerment of stakeholders, and to dialogue and collaboration within the research community.

Our mission is to do critical, problem-based interdisciplinary research, and our goal is to support a sustainable transformation of consumption and production through research, teaching, and collaboration.

WHAT WE DO

We analyse and influence sustainable innovations on the following levels:

- › Company level, such as environmental management, eco-design of products and business models,
- › Value chain level like circular flows, collaboration, networks, and partnerships
- › Society level e.g., environmental policy, regulations, standardization, and public procurement.

We study, and subsequently influence, the policy and governance processes and outcomes related to sustainability an innovation.

We have a strong outset in action-oriented research, and we strive to create a real change in society through our research projects.

EDUCATION

STUDY RELATED ACTIVITIES

A cornerstone of our activities is to provide research-based teaching.

Primarily for the bachelor program City, Energy and Environment and for the masters programs Sustainable Cities, Environmental Management & Sustainability Science, and Cities & Sustainability. To us, teaching is a mutual gain; in the interaction with the students we illuminate new perspectives and angles.

In our teaching, we collaborate with companies and other external partners who further contribute by bringing the research into a real relevant context for the students.

COLLABORATION

RESEARCH GROUPS

We work closely with the institute's other research groups, such as Energy Planning and the Danish Center for Environmental Assessment (DECEA), which focuses on climate communities in the circular economy.

The main topics within this research is combating environmental pollution, system development and sustainable consumption and production.

EXTERNAL PARTNERS

We collaborate with a wide variety of national and international companies, organizations, and authorities.

PUBLICATIONS

IMPORTANT PUBLICATIONS

- › [Challenges with product environmental footprint: a systematic review](#)
- › [A critical review of the role of repair cafés in a sustainable circular transition](#)
- › [Adaptation to climate change in small island settlements](#)
- › [Circular public procurement practices in Danish municipalities](#)
- › [Towards a typology for coastal towns and small cities for climate change adaptation planning](#)
- › [A review of micro level indicators for a circular economy - moving away from the three dimensions of sustainability?](#)
- › [ISO 14001 practices - A study of environmental objectives in Danish organizations](#)
- › [From energy efficiency towards resource efficiency within the Ecodesign Directive](#)
- › [Waste Not, Want Not: The Regulatory Barriers of Upcycling Frass](#)



AALBORG UNIVERSITY
DENMARK

KEY PROJECTS

CIRCULAR TEXTILE PILOTS IN PUBLIC AND PRIVATE PROCUREMENT AND PRODUCTION NETWORKS

Developing and testing new solutions and value propositions for markets that will slow down textile resource loops and have a significant impact on CO₂ reduction.

ZERO WASTE CO-LAB

Joint develop research and innovation activities between Danish and Brazilian partners, focusing on circular economy resource streams and strategies.

CIVIC RENEWABLES

The overall objective is to assist Norwegian municipalities, local communities, and renewable energy (RE) stakeholders in planning and developing RE projects that increase environmental sustainability, local value creation and social acceptability.

YOUTHS GO GREEN - GREEN EDUCATION FOR YOUTH

Collaborative project aimed at increasing young people's knowledge and skills within natural science, and to strengthen their understanding and participation in solving the challenges of green transition.

CE BEYOND WASTE

Partnerships to prevent waste. Developing and testing sub-project solutions and experience sharing. Focus on spreading solutions and experiences nationally, as well as to other EU countries.

VIDEO PRESENTATION



CONTACT

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