

# DANISH CENTER FOR ENVIRONMENTAL ASSESSMENT



## THE DANISH CENTER FOR ENVIRONMENTAL ASSESSMENT AT AALBORG UNIVERSITY

DEPARTMENT OF PLANNING  
TECHNICAL FACULTY OF IT AND DESIGN

The Danish Center for Environmental Assessment (DCEA) is Europe's largest research center in its field. The research delivers concrete suggestions for assessing the consequences of sustainability decisions.

### RESEARCH

#### KEY RESEARCH AREAS

The DCEA focuses on understanding, improving and influencing decision making processes through better decision basis and participation processes in order to support sustainability.

Main research areas include:

- › Environmental and social impact assessment
- › Industrial ecology, life cycle assessment and circular economy
- › Governance, decision making and stakeholder engagement
- › Integration and support of SDGs
- › Digitalization for sustainability

#### WHAT WE DO

Through research, education and outreach within environmental assessment and decision making processes, DCEA is dedicated to promoting and creating sustainability in companies and the wider society to counteract the climate crisis and support the fulfillment of the UN SDGs.

This entails:

- › Concrete assessments of sustainability consequences
- › Understanding the processes that assessments are a part of and change has to have
- › Engaging with practices

### EDUCATION

#### STUDY RELATED ACTIVITIES

The DCEA primarily coordinates and teaches engineering in **Urban, Energy and Environmental Planning** as well as the international degrees **Environmental Management and Sustainability Science**.

The DCEA coordinates and teaches the Danish continuing education with-

in environmental assessment as well as international capacity building.

### COLLABORATION

#### WHO BENEFITS FROM OUR RESEARCH

Our research is relevant for national and local public sector authorities, companies, NGOs and politicians worldwide.

#### EXTERNAL PARTNERS

Our wide range of partners includes

- › Authorities
- › Companies of all sizes
- › Private consultants
- › NGOs of all sizes
- › Research institutions worldwide

### PUBLICATIONS

#### IMPORTANT PUBLICATIONS

- › [Rationality in decision- and policy-making: implications for strategic environmental assessment](#)
- › [A framework for modelling indirect land use changes in life cycle assessment](#)
- › [Attributional or consequential Life Cycle Assessment: A matter of social responsibility](#)
- › [The role of EIA and weak assessments of social impacts in conflicts over implementation of renewable energy policies](#)
- › [Change Agents in the Field of Strategic Environmental Assessment](#)



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### KEY PROJECTS

#### MILJØ++

An ambitious collaboration where DCEA research has led the way for innovative solutions to industrial symbiosis, planning for green transition and documenting.

#### LIFE CYCLE ASSESSMENT OF BIOOIL

DCEA's research ensured critical and reflected use of waste resources as well as ILUC thinking (Indirect Land Use Changes).

#### STORING RADIOACTIVE WASTE IN DENMARK

DCEA research played an important role as a critical contribution in an assessment of the social consequences for the afflicted communities.

### VIDEO PRESENTATION



### CONTACT

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