



UiO : University of Oslo



Social barriers and implications of Clean Energy Transitions

Experiences from Include

Tor Håkon Jackson Inderberg, Senior Research Fellow,
Fridtjof Nansen Institute / Include,
Oslo, Norway

thinderberg@fni.no

Why Include

Two-fold grounding:

1. Clean Energy Transitions (CET) potential for significant social justice and participation consequences. Should not aggravate grievances.
2. Social barriers – behavioural, acceptance issues – with individuals, communities, and organisations, can inhibit transitions.





A research centre for socially inclusive energy transitions

Tanja Winther, SUM, UiO

WP1 Tor Håkon J. Inderberg, FNI

WP2 Per Gunnar Røe, ISS, UiO

WP3 Hege Westskog CICERO/SUM

WP4 Ole Smørdal, IPED, UiO

WP5 Simone Abram, Durham University, UK

Lene Foss, Norges arktiske universitet (UiT)

Anders Tønnesen, TØI

Sigrid Stokstad, NIBR (OsloMet)

Kacper Szulecki, ISV, UiO

Lars Böcker, UiO/TØI

Include (UiO, 2020–2027)

22 partners

7 research institutions

41 ongoing projects

7 PhDs (to increase)

<https://www.sum.uio.no/english/include/>



UiO : University of Oslo



FRIDTJOF NANSENS INSTITUTT
FRIDTJOF NANSEN INSTITUTE



UiT Norges arktiske universitet



Institute of Transport Economics
Norwegian Centre for Transport Research

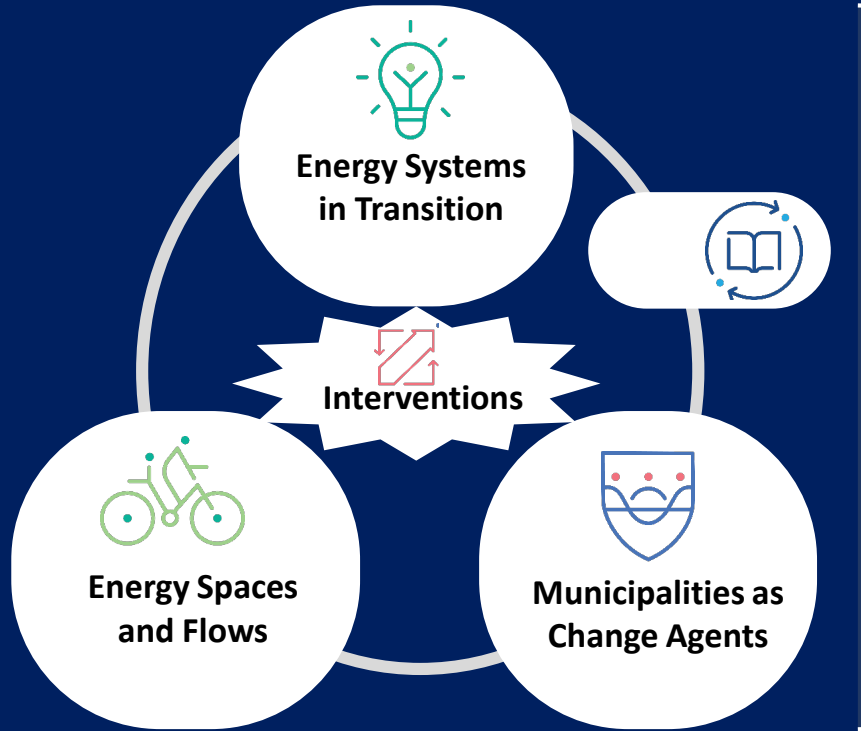


Center for International
Climate Research



Durham
University

Include



Synthesis and Outreach

Three example studies

- **Flexible energy consumption measures:**
Indicates highly diverging individual energy use flexibility. National policy does not consider differences in potential. Hiding new forms of energy poverty?
- **Windpower siting:**
Turned highly controversial in Norway. Participation and perceptions of justice crucial to the outcome. Might lead to problems for electrification.
- **Municipality as energy entrepreneur:**
Local Governments have significant influence as agents going forward – organizational form and local identity crucial for overcoming barriers to ‘crazy investments’.



Indicative conclusions

- Social factors largely seen to be outside of the energy sector's mandate
- Individual and collective agency can represent significant barriers to, as well as facilitate, transition
- Transitions have potential for creating significant justice issues if left unaddressed

The research centre will further investigate:

- In what ways social barriers can impede CET and why
- How social implications of CET can be addressed in policy
- The links between justice, legitimacy issues, and acceptance for CET, and related behaviour



Include

A research centre for socially
inclusive energy transitions

*Tor Håkon Jackson Inderberg,
Senior Research Fellow,
Fridtjof Nansen Institute*

thinderberg@fni.no