



ENERGIGÅRDEN  
Senter for Bioenergi



Nordregio



NIBIO

NORSK INSTITUTT FOR  
BIOØKONOMI

## Sustainable Bioenergy Development: One Size Does Not Fit All

Welcome to a one-day seminar at [The House of Literature](#)  
Oslo, Amalie Skram Room, 22 June 2017

Since 2014, the research project TRIBORN (Securing triple bottom line outcomes from bioenergy innovation in rural Norway) has investigated how to increase the production of bioenergy in ways that promote sustainable development in rural areas. As we finalize the project, we invite you to discuss our research results and their potential implications.

*Based on comparative case studies with user participation in Norway, Sweden, Finland, and Italy, the project has aimed to identify drivers and obstacles to sustainable bioenergy innovation in rural areas and how to facilitate the design of innovation systems that produce Triple Bottom Line (TBL) (economic, social, environmental) benefits, and promote the achievement of national bioenergy targets. TBL in this project includes: energy security and energy flexibility in rural areas; development of rural economies and rural communities; political legitimacy and conflict resolution; sustainable use of biological resources and the landscape including ecosystem services; increased production of renewable energy; reduction of climate gas emissions. The overall question has been: how should systems and strategies for bioenergy innovation be designed to promote Triple Bottom Line benefits in rural areas and to promote the achievement of national bioenergy targets?*



Benjamin Suomela

## PROGRAM

*0830-0900 Registration coffee*

0900-0915 Welcome and introduction (Karen Refsgaard, NORDREGIO and Atle Wehn Hegnes, NIBIO)

0915-0930 Norwegian strategies for bioenergy (Trond Værnes, The Research Council of Norway)

0930-1200 Results from TRIBORN - *One size does not fit all*

- 0930-0950 Ethics, innovation and triple bottom line (Stig Strandli Gezelius, USN)
- 0950-1005 Can forest harvesting for bioenergy be done sustainably? (Nicholas Clarke, NIBIO)
- 1005-1020 Bioenergy-to-grid in Norway - expanding the niche (Anders Chr. Hansen, Hansen Economics)
- 1020-1035 Innovation platforms – The importance of local and regional involvement (Karen Refsgaard, NORDREGIO)
- 1035-1050 Adapting to bioenergy in Norway (Atle Wehn Hegnes, NIBIO)
- 1050-1110 Comments/discussion

1110-1130 Green growth and green transition in the Nordic countries (Jukka Teräs, NORDREGIO)

1130-1150 Lessons from the research project AskeVerdi – Innovative utilization of ash from wood for value creation and sustainable forestry (Janka Dibdiakova, NIBIO)

1150-1230 Discussion

*1230-1330 Lunch*

1330-1400 The role of bioenergy in the future energy system (Erik Trømborg, NMBU)

1400-1420 The TRIBORN Policy Brief (John Bryden, NIBIO)

*1420-1440 Break*

1440-16:15 Panel session on policy recommendations

16:15-16:30 Conclusion of the day (Knut Øistad, NIBIO)

*Due to the limited number of seats available, rsvp would be appreciated before June 16th*  
Registration: [pamelding@energigarden.no](mailto:pamelding@energigarden.no)

Please visit the Project web page and Policy brief for more information

[Link to TRIBORN webpage](#)

[Link to TRIBORN Policy brief](#)

Changes in program may occur