

Nordic Energy Research

Klaus Skytte, CEO



Nordic Energy
Research



Nordic Co-operation

Nordic Energy
Research

What we do

We are under the auspices of the
Nordic Council of Ministers – the
intergovernmental body between
Denmark, Finland, Iceland, Norway
and Sweden.

We fund R&D to promote a
sustainable future

We contribute to policy-making



13 CLIMATE
ACTION



15 LIFE
ON LAND



11 SUSTAINABLE CITIES
AND COMMUNITIES



14

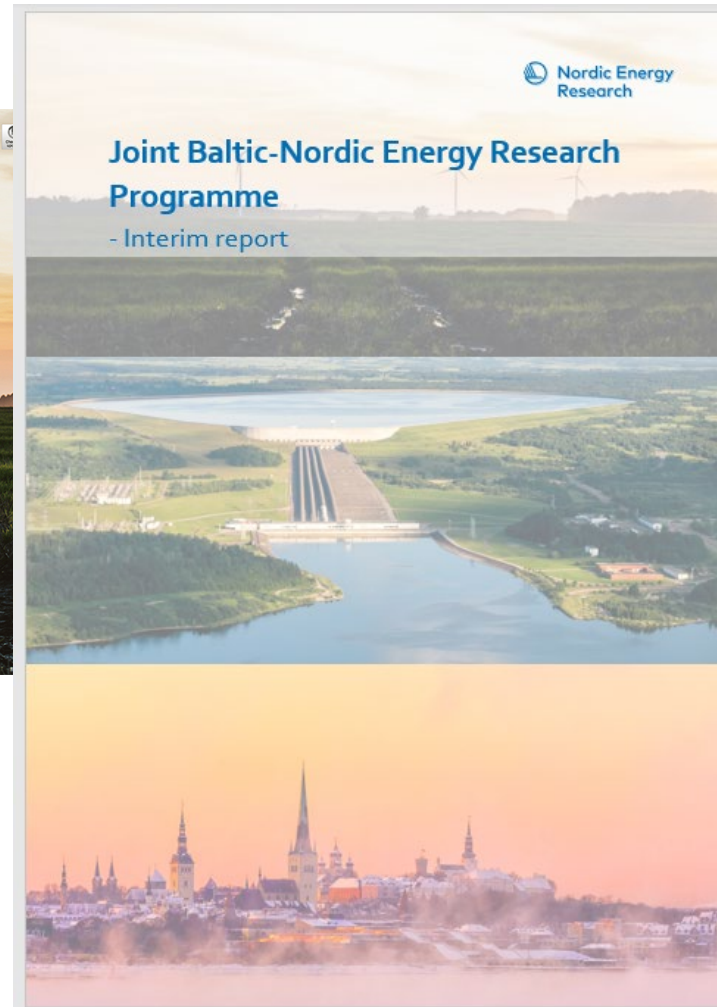
17 PARTNERSHIPS
FOR THE GOALS



7 AFFORDABLE AND
CLEAN ENERGY



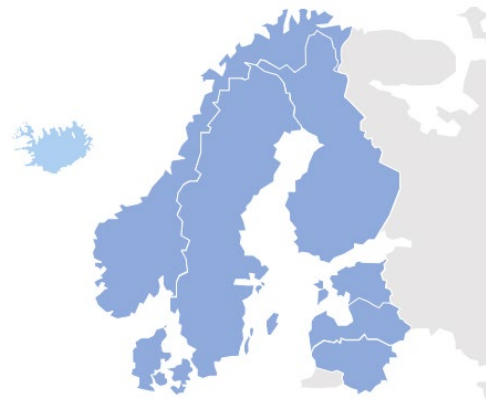
Nordic Energy Research in cooperation with the Baltic states



Six research projects funded - Three new ones on the way

Two reports completed - one on the way

Two mobility projects - a third out for proposals



NGCCUS, 2019-2021



NORDIC CLEAN ENERGY SCENARIOS

Targets, Goals and Pathways to Climate Neutrality

Kevin Johnsen, Senior Adviser
Nordic Energy Research



Nordic Energy
Research

NORDIC CLEAN ENERGY SCENARIOS

Solutions for Carbon Neutrality



Nordic Energy Technology Perspectives

Pathways to a Carbon Neutral Energy Future



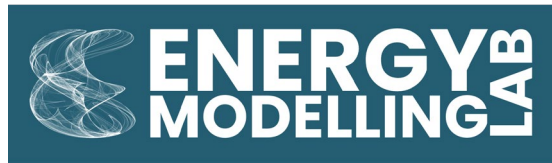
Baltic Energy Technology Scenarios 2018



ology



Project Partners



Three storylines

***Carbon
Neutral
Nordic
(CNN)***

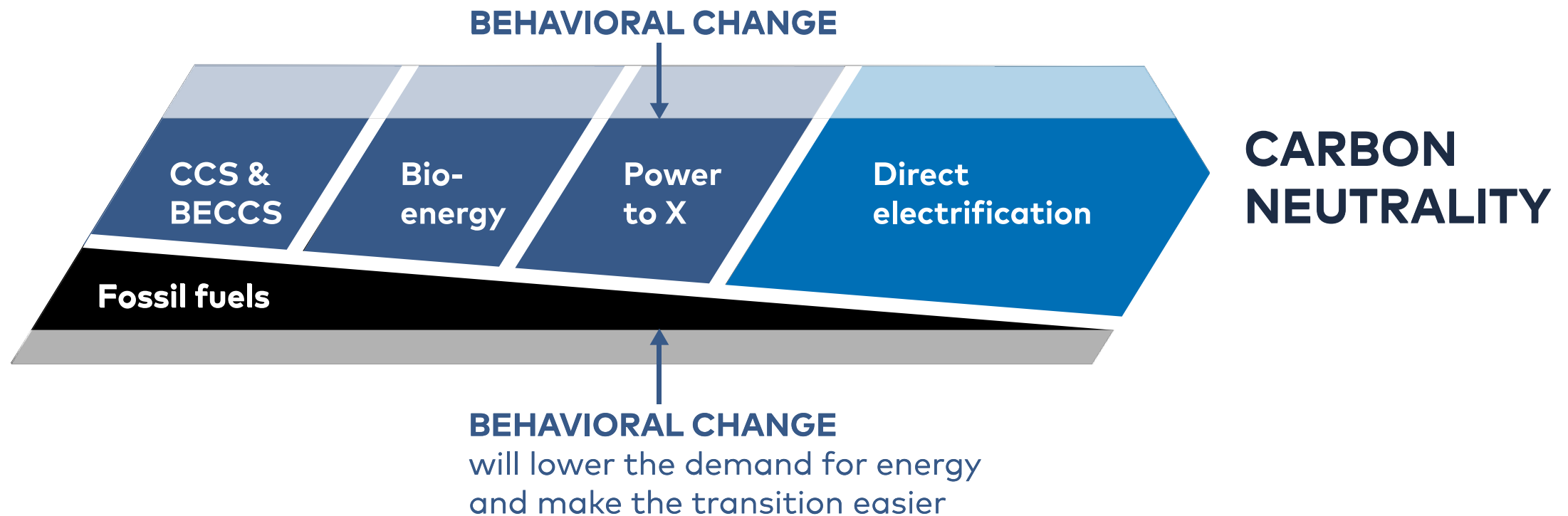
***Nordic
powerhouse
(NPH)***

***Climate
Neutral
Behaviour
(CNB)***



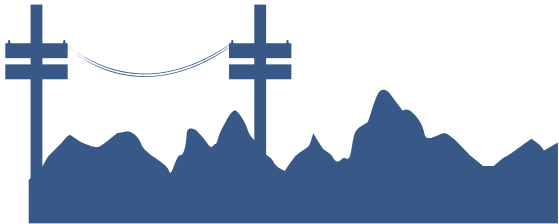
**Nordic Energy
Research**

Five Solution Tracks to Carbon Neutrality

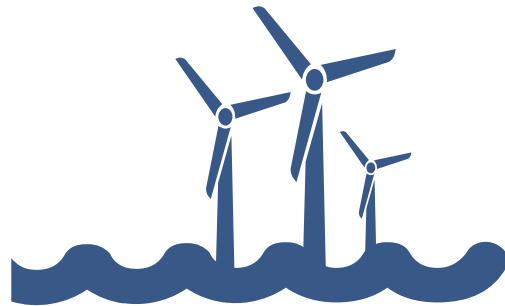


Four target areas for Nordic collaboration

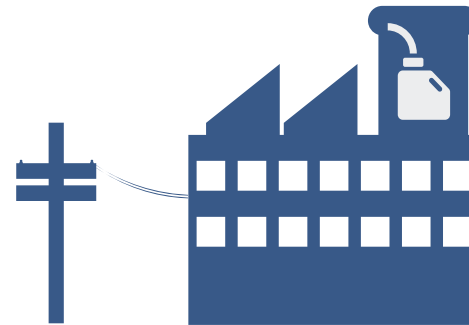
Stronger coordination of and commitments to Nordic power infrastructure planning



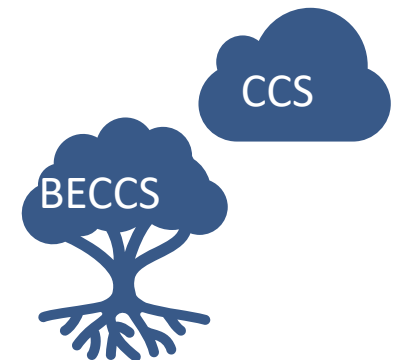
Nordic cooperation on integrated offshore wind and grid development



Common vision for the role of PtX production in the Nordics



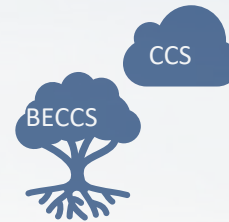
A common Nordic CCS strategy



Possible areas for Baltic-Nordic collaboration?



Offshore wind energy hubs?



A common Carbon Capture and Storage infrastructure?



Power infrastructure planning?



Sustainable bioenergy production?



Nordic Energy
Research

NORDIC CLEAN ENERGY SCENARIOS

Solutions for Carbon Neutrality












Access the Nordic Clean Energy
Scenarios report at
WWW.NORDICENERGY.ORG



Choose Countries



Choose Scenarios

CNN	 
CNN	 
CNB	 
CNB	 
NPH	 
NPH	 

Scenario Difference ☐

This function will calculate the difference in value between the blue and violet model results.

Explore all data and results through NCES
open access tools

AVAILABLE AT

WWW.NORDICENERGY.ORG

- Open access models
- Nordic energy statistics database
- Complete technology catalogue
- Web tool for scenario results and sensitivity analyses

Thank you for the attention!

Kevin Johnsen, Senior Adviser

Kevin.Johnsen@nordicenergy.org

Nordic Energy Research



Nordic Energy
Research