

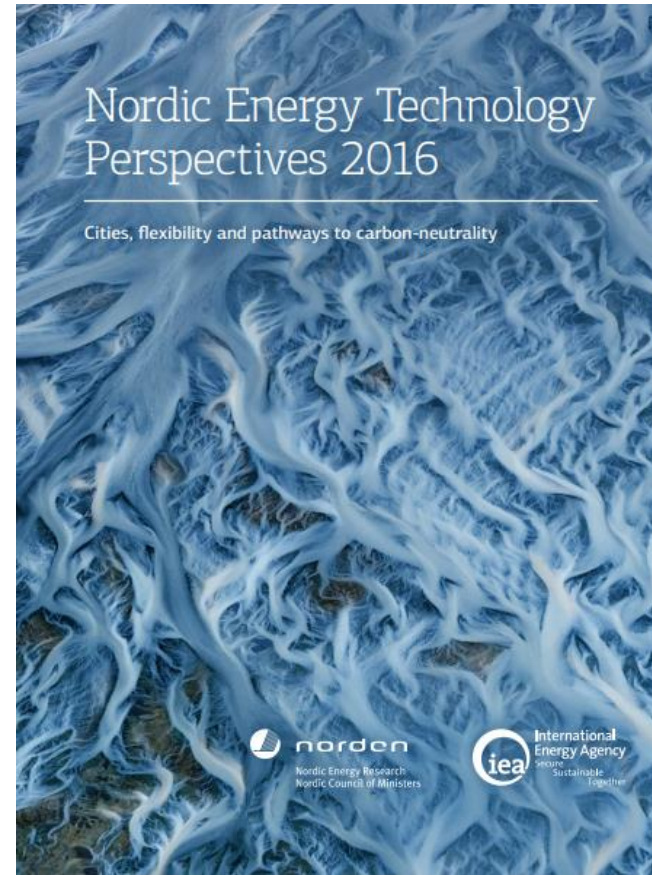
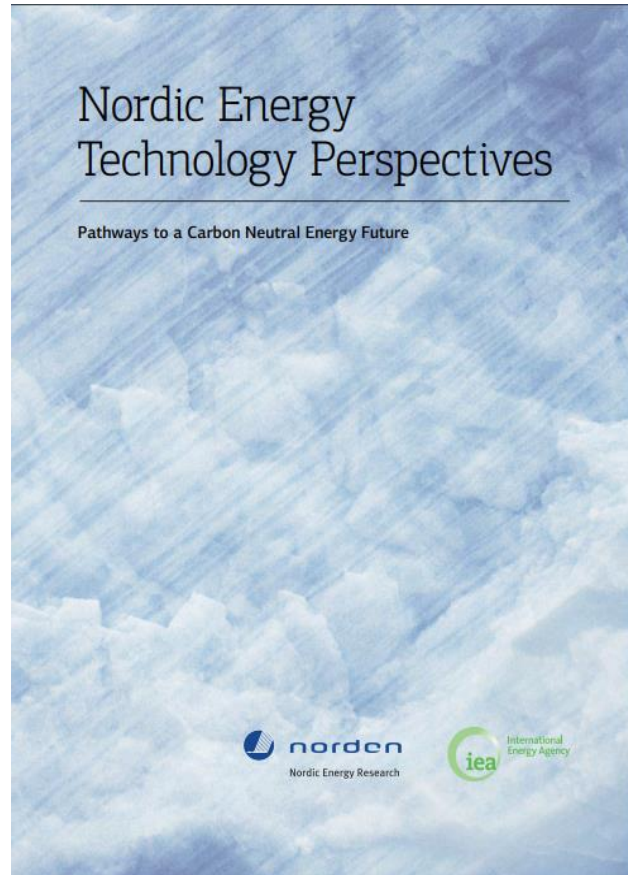
Nordic Energy Outlooks – Nordic Energy Systems Research

Agenda

- Introduction and welcome
- NEOs programme – Short intro
- WPO and WP1-4
- How to apply
- Any other Business / Q&A

Introduction and welcome

NEOs programme – Short intro



Nordic Clean Energy Scenarios

The project Nordic Clean Energy Scenarios will identify technological solutions to a carbon neutral Nordic region and develop energy scenarios for the Nordic energy sector that will enable the Nordic...

21 Oct 2020

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The project *Nordic Clean Energy Scenarios* will identify technological solutions to a carbon neutral Nordic region and develop energy scenarios for the Nordic energy sector that will enable the Nordic prime ministers' commitment of reaching carbon neutrality.

On January 25, 2019, the prime ministers of the Nordic countries signed the Declaration on Nordic Carbon Neutrality in which they commit themselves to working towards becoming a carbon neutral region. The Nordic Clean Energy Scenarios project supports this effort by modelling a range of alternative carbon neutral scenarios for the Nordic countries individually and as a region.

Stated Nordic national targets would make the entire Nordic region carbon neutral before 2040 and each country carbon neutral by 2050. An overarching carbon neutrality target pathway will be calculated separately for the Nordic region and for each country.

Year	Net total, excl. intl. transport	Non-CO ₂	LULUCF	Energy-related CO ₂	Intl. Transport
1990	220	10	0	210	0
2000	200	10	0	190	0
2010	180	10	0	170	0
2020	150	10	0	140	0
2030	100	10	0	90	0
2040	50	10	0	40	0
2050	0	10	0	-10	0

«Strengthen Nordic research competencies and collaboration between different groups and institutions researching Nordic energy systems by building on existing national research programs»

*«Strengthen Nordic research competencies and collaboration between different groups and institutions researching Nordic energy systems **by building on existing national research programs**»*

The Programme will add Nordic and national value by:

- **Strengthening Nordic cooperation** in this field
- **Facilitating synthesizes** of the current national research results and benchmarking these to new results on a regional level.
- **Increasing awareness** of the competencies of neighboring research groups and possible partners for future calls
- **Bringing together national research groups**
- **Increase knowledge and identify areas** where the Nordic countries could and should work together to facilitate a coordinated view of important challenges facing the region

WP0 and WP1-4

NEOs programme – WPs



WP1

Bioenergy and links to agriculture & LULUCF in a Nordic context



WP2

Increased electrification – new electricity generators and consumers



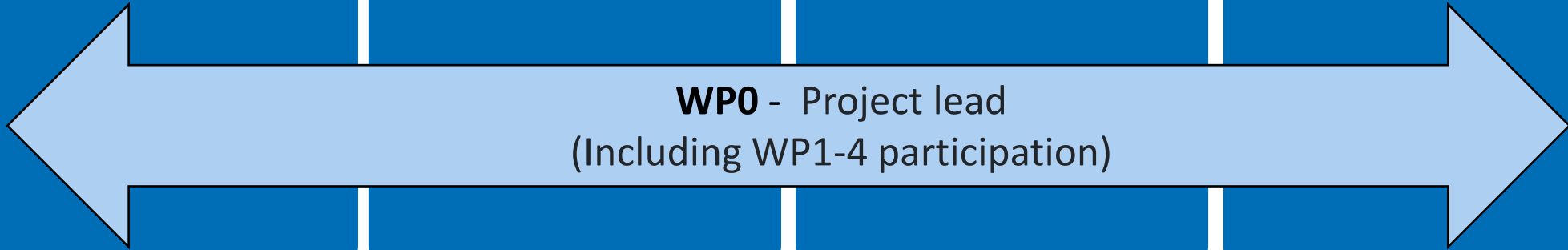
WP3

Energy efficiency and conservation in a Nordic perspective



WP4

Fossil free and resource efficient transport and transport infrastructure



WP0 - Project lead
(Including WP1-4 participation)

Funding available from the Countries and NER

The following funding will be made available for the applicants from the National Financiers and from NER.

Country	Financer	Funding available
Denmark	Energistyrelsen	In-Kind (maximum grant size per applicant is 500 k NOK, per WP)
Norway	Forskningsrådet	2,5 MNOK (maximum grant size per applicant is 500 k NOK, per WP)
Sweden	Energimyndigheten	2,5 MNOK
The Nordic Countries	Nordic Energy Research	3 MNOK
Total		8 MNOK

NEOs

How to apply

Who can apply

- You should apply if you are a Research Performing Organisation (RPO) based in one of the Nordic countries with expertise within energy system modelling. You can apply as an individual organisation, or as a consortium of organisations from the same country if that better facilitates drawing upon existing/ongoing modelling activities
- The applicant (Project Owner) must be a Research Performing Organisation (RPO) based in one of the Nordic countries
- The call does not require a predetermined consortium to apply.
- All applicants (groups or individual organisations) will be able to apply for each WP based on their experience in the field, and the funded Project Lead (WPO) will have the overall responsibility to coordinate and administrate the consortium that will consist of the funded applications.

How to apply

Apply for WP1,2,3 or 4

- Apply separately for each WP1-4

Apply for WPO

- First, apply separately for WP1-4
- Then, apply for WPO

(Applicants from Iceland, Finland, and Denmark have to apply for both WP1-4 and WPO)

Selection process

The eligible applications for WP1-4 will be ranked by two experts on two main criteria:

- Scientific quality
- Competence

The eligible applications for WPO will be ranked by the averaged WP1-4 scores as well as by two experts on one additional main criterion:

- Averaged WP1-4 scores
- Feasibility of deliverables and milestones

Selection of WP1,2,3 or 4

The Steering Board will convene a meeting to recommend funding based on the expert's evaluation, a relevance assessment, and according to the principles described under Financial Framework.

A portfolio assessment will strive to ensure that three countries are represented in all 4 WPs, given that there are applications of high enough quality.

We assess the proposals as a portfolio so that WP1-WP4 all represent at least 3 countries, if possible"

Selection of WPO

Only one application can receive this funding. This applicant will receive funding for activity in all WPs (WPO-WP4) by NER.

The other applicants who have applied for WPO, but do not receive funding, return to compete for participation in each of the other WPs (WP1-WP4), given national funding.

Call timeline

Timeline for applicants

Call opens	15th of February 2021
Kick-off Webinar for applicants	25th of February 2021
Webinar II: Q&A to application portal	25th of March 2021
Submission Deadline	Deadline for submitting Proposals at 13:00 (CET)
Decision communicated	8th of April
Project start date (WPO and WP1)	At latest the 30th of August 2021
	20th of September 2021

Webinar II: Q&A to application portal

25th of March 2021

<https://www.eventbrite.dk/e/nordic-energy-outlooks-the-nordic-energy-system-research-programme-tickets-141715265173>

Any other Business / Q&A