



Do you want to contribute research and innovation to the sustainable expansion of wind power?

Info meeting, 18th of March 2020

You can now apply for funding for projects related to the sustainable expansion and business development of Swedish wind power. Projects aimed at developing new solutions or building knowledge in the field are welcome to apply for funding within the framework of this call.

The call is part of the Swedish Energy Agency's wind energy program VindEI



Today's meeting

- Call description
- Assessment criteria
- Timeline
- Tips & FAQs
- How to E-kanalen

Call summary

Call budget	Ca 35 million SEK
Who can apply?	<ul style="list-style-type: none">• companies• the public sector• science, humanities, technical and scientific disciplines at universities and university colleges• research institutes• associations and non-governmental organisations
How to apply?	Through the E-channel 
When does the call close?	<ul style="list-style-type: none">• draft proposal deadline: 22nd of April 2020 (<u>optional, only category A</u>)• final application deadline: 10th of June 2020
When are grant decisions expected?	The Energy Agency plans to make a decision in November 2019
When can the project start?	Earliest 1 st of December 2020
When is the latest end date for the project?	31 st of December 2024
How much can I apply for?	Each project within the call can be granted a maximum of 7 million SEK in support from the Swedish Energy Agency*
	<p>*The amount of aid each project participant can receive depends, among other things on</p> <ul style="list-style-type: none">○ the extent of the eligible costs the participant has○ if the participant is engaged in non-economic activity or is a company○ which research activities the project is considered to correspond to

A renewable electrical system for a sustainable climate transition

Sweden's goal is to reach 100% renewable electricity production by 2040 and to achieve carbon neutrality by 2045.

The Swedish Energy Agency's' visions in the electricity system area is:

1. The Swedish electrical system enables 100 % renewable electricity production with an excellent delivery reliability. The electrical system is carbon neutral as well as resource and cost efficient
2. Sweden is one of the leading countries in the world with in the electricity area and delivers knowledge, innovation and energy services to a global market
3. Swedish electricity users, prosumers and producers are flexible actors in a functioning market and benefit from competitive prices



Call focus and challenges

Wind power is expected to supply the bulk of new electricity production in Sweden over the coming 20 years. There are many challenges facing the rapid expansion of wind power.

The Swedish Energy Agency has identified four comprehensive challenges where studies, research and innovation are needed to create sustainable solutions.

1. Conflicts of interest and competition for land use, both on land and at sea
2. Resource efficient Swedish wind power with minimum environmental impact
3. A robust electricity grid with a high security of supply demands new solutions and the incentives to utilize them
4. Time aspect – 2040 is just around the corner

CHALLENGE 1

Conflicts of interest and competition for land use, both on land and at sea

The expansion of wind power has an impact on other societal interests, meaning that many suitable sites for establishment are unavailable. From a holistic societal perspective, it will be a major challenge to create consensus and resolve conflicts of interest in an optimal manner.

CHALLENGE 2

Resource-efficient Swedish wind power with minimum environmental impact

It will not be possible, nor would it be economically justifiable, to expand wind power without affecting people and the environment to a certain extent. It will therefore be important to continue working to minimise this impact and to increase knowledge of the effects of wind power, both globally and locally. Costs and the efficient use of resources throughout the lifecycle are crucial. Major expansion will require a preparedness to build in all areas of the country, as well as off shore.

CHALLENGE 3

A robust electricity grid with a high security of supply demands new solutions and the incentives to utilise them

Wind power will need to contribute support services to the electricity grid. Even if solutions are available, the incentives must be in place to implement them. The transmission network is basically at maximum capacity in large parts of the country and it will also be a major challenge to ensure that the electricity grid expands in parallel with the needs of wind power.

CHALLENGE 4

Time aspect – 2040 is just around the corner

Many projects will need to be realised in order to deal with this new phase for the electricity grid. Long lead times, unpredictable permit processes and uncertainty regarding when needs will arise make planning difficult. Long permit application processes also mean that a large proportion of the wind power plants that will be operational by 2040 is already in the planning stage. The challenges that will arise at later stages must therefore be addressed here and now.

The call is aimed at projects that address the challenges above by:

Category A

Developing new solutions that can be commercialised and/or used in society

Category B

Building knowledge and expertise available to stakeholders in society

The Swedish Energy Agency's ambition is to distribute 2/3 of the budget to category A and 1/3 to category B.

New for category A: **Submission of draft proposal**

- Deadline: 22nd of April 2020 (7 weeks before final application deadline)
- Feedback by Swedish Energy Agency by 29th of April (one week later)

- Not obligatory
- Goal: increase quality of applications
- Why only category A?

Assessment criteria

1 Transitional potential for the energy system

This criterion assesses the degree to which the project may potentially contribute to the transition of the energy system and the call's purpose as formulated in the challenges outlined previously. The project need not contribute to meeting additional challenges in order to receive a higher score.

2A Level of innovation (Category A projects only)

- how unique the new solution is compared to other available solutions;
- what value the new solution can add;
- the new solution's potential for ground-breaking change.

2B Scientific quality (Category B projects only)

- how it relates to the current state of knowledge in the field;
- whether it contributes new knowledge and new competence bearers to the relevant challenges;
- whether its implementation is based on scientifically accepted methods: and
- where the project addresses relevant issues, if it has dealt with aspects related to gender equality, gender and diversity.

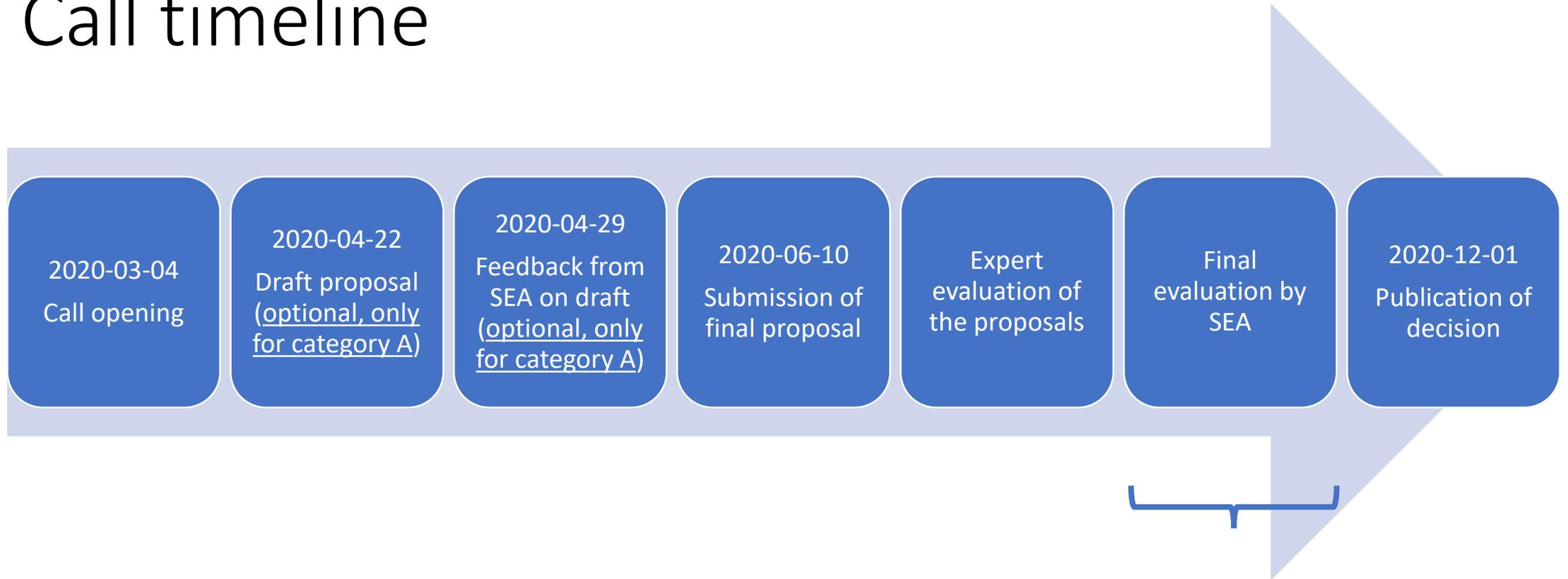
3 Benefits and dissemination

- Is there an identified need for the project's results, such as a clear knowledge gap or market potential?
- Does the application include a plan for how the results will be used and disseminated? Will the results be available to all (e.g. through open access publishing)?
- Have the groups that are expected to benefit from the results of the project been identified, and will these have the opportunity to influence or participate in the project?
- If the solution is a product intended to be marketed, does the application describe how the solution will be commercialised or utilised?

4 Feasibility and competences

- Are the projects goals measurable, specific, well-defined and reasonably ambitious?
- Is the proposed timetable specific and realistic?
- Do the project members have the requisite expertise and correct resources to implement the initiative?
- Have potential risks to the project been identified and, if so, is there a plan to deal with them?
- Is the budget reasonable in relation to the planned activities and objectives?
- How well does the composition of the project consortium address gender equality, gender and diversity?

Call timeline



- Equal weighting of the 4 evaluation criteria
- Creation of a ranking list for each category
- Additional criteria of SEA which shift ranking list:
 - portfolio relevance
 - budget distribution between categories

Pay attention to

- Well-defined state-of-the-art review where the added benefit of the project becomes clear
- Formulation of goals that are measurable/achievable
- Costs
 - List the costs of the **entire** project in the application
 - List only costs that are a direct result of the project
 - Figure out who you are (e.g. small/medium/large company) and based on that how much support (in %) you can be granted
 - Indirect costs are only eligible for non-economical actors.
- Make sure you define your collaboration e.g. between universities/institutes and companies without infringing on [EU-regulations](#).
- NOTE: Addition has been made to the call text in section Payroll costs: *“For universities and higher education institutions, the full cost principle that they apply applies.”*

On the importance of a correct and timely application

- Applications that do not include the information requested in the online system "e-kanalen" can be declined without the possibility of handing in additional documents/information to Swedish Energy Agency.
- During the entire evaluation process the Swedish Energy Agency may at any time request that additional information be handed in. Applicants, on the other hand, do not have the right to complete their respective proposal.
- It is not possible to hand in applications after the deadline on June 10th at 23:59. Applications and/or additional information that is sent in afterwards will not be taken into consideration.

Click on "Ansök om behörighet för projektledare"



Ansök om behörighet

I e-kanalen kan du skicka in din ansökan, följa ärendet samt göra läges- och slutrapporter. För att du ska kunna skicka in en ansökan i e-kanalen måste du ansöka om behörighet. Det är projektledaren som formellt ska skicka in ansökan och som behöver ansöka om behörighet, dvs användarnamn och lösenord.

Ansök via länken 'Ansök om behörighet för projektledare' i vänstermarginalen.

Observera att det kan ta upp till en arbetsdag innan du får dina inloggningsuppgifter.

<https://minasidor.energimyndigheten.se/>

E-kanalen

Click on "Ny ansökan"

Click on "Utllysning"

Chose "VindEL - programmet"

Chose "Utllysning 2020 kategori A" or "B"

- ▶ Start
- ▶ **Ny ansökan**
- ▶ Påbörjade ansökningar
- ▶ Skickade ansökningar
- ▶ Pågående ärenden
- ▶ Avslutade ärenden
- ▶ Logga ut

Kontakta oss:

Support:

Support angående ansökan ring 016-544 20 00 och fråga efter person som ansvarar för aktuell utlysning på hemsidan. Alt inom vilket område ansökan gäller.

Övriga frågor

ekanalen@energimyndigheten.se

Energikartläggningsstöd

energikartlaggning@energimyndigheten.se

Teknisk support:

Telefontid: 08.00 - 16.00
(Ej helger, röda dagar eller vardagar mellan två helgdagar)

Tel: 016-544 22 11

Start

- Utllysning ⓘ
- Enskilt projekt ⓘ
- Affärsutveckling ⓘ
- Planeringsbidrag ⓘ
- Stöd till Energikartläggning ⓘ

Energimyndighetens Program

Utllysning

VindEL - programmet

- Välj utlysning -

VindEL - Utllysning 2020 kategori A

VindEL - Utllysning 2020 kategori B

[Så här behandlar Energimyndigheten dina personuppgifter - Affärsutveckling](#)

[Så här behandlar Energimyndigheten dina personuppgifter - Enskilt projekt](#)

[Så här behandlar Energimyndigheten dina personuppgifter - Planeringsbidrag](#)

[Så här behandlar Energimyndigheten dina personuppgifter - Utllysning](#)

[Så här behandlar Energimyndigheten dina personuppgifter - Energikartläggning](#)

Questions?

If further questions come up: the Swedish Energy offers support until 4pm on June 10th 2020.

We do not comment on project ideas, only on questions related to the call.

Useful links:

[Information on the call VindEI program](#)

Contact



VindEI

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