



## General Explanation

### Application for the permit for Site I-A in the Nederwiek Wind Farm Zone

Ministerial Order for granting the permit for Nederwiek Wind Farm Site I-A

#### For what

With this form you can apply for a permit for the construction and operation of a wind farm on Site I-A in the Nederwiek Wind Farm Zone. This is an application under the Ministerial Order for granting the permit for Nederwiek Wind Farm Site I-A (hereinafter: Ministerial Order).

#### Conditions for the application

You must complete the application form in full. Check which attachments are mandatory and ensure all requested information is included. You must submit the fully completed application form, including the mandatory attachments, to the Netherlands Enterprise Agency (hereinafter: RVO). After the application period has closed, an application can no longer be supplemented or amended with information that could affect the assessment of the application. An incomplete application will be rejected. The application period opens on Thursday 16 October 2025 and closes on Thursday 30 October 2025 at 17:00.

The application form is in Dutch. You must provide the requested information in Dutch or English. An application submitted in any other language will not be processed.

This application form includes Explanatory Notes. The Explanatory Notes specify the information that must be included in the appendices. Please read them carefully. More information about the Order can be found at: <https://www.rvo.nl/windenergie-op-zee> and <https://www.rvo.nl/onderwerpen/windenergie-op-zee/nederwiek-i>. Any questions? Then send an e-mail to [WOZ@rvo.nl](mailto:WOZ@rvo.nl).

#### Submitting the application

The application must be submitted electronically via RVO's online application environment, the [eLoket](https://mijn.rvo.nl/eloket/login-start.html) (<https://mijn.rvo.nl/eloket/login-start.html>). You log in with eHerkenning. You need at least Level 3 authorisation for RVO services, at Level eH3, for your application. If you do not have eHerkenning yet, then apply for it in advance at <https://www.eherkenning.nl/eherkenning-aanvragen>.

#### After submitting the application

After the application period closes, RVO will assess the applications. The Minister will decide on your application within 13 weeks of the application deadline. This period may be extended once by a maximum of 13 weeks.



# Application

## Application for the permit for Site I-A in the Nederwiek Wind Farm Zone

Ministerial Order for granting the permit for Nederwiek Wind Farm Site I-A

The application form and Explanatory Notes are in Dutch. You must provide the requested information in Dutch or English. An application submitted in any other language will not be processed.

### 1. Applicant details

1.1 Organisation name

1.2 Chamber of Commerce (KVK) Number

1.3 Reason for no registration in the Dutch Business Register

☐ Foreign organisation

☐ Not subject to registration

1.4 Legal form

1.5 Postal address

Street

Building Number

Or P.O. Box

Postcode

Town/City

Country

1.6 Is your visiting (physical) address different from your postal address?

☐ Yes > go to question 1.7

☐ No > go to question 1.8

1.7 Visiting (physical) address

Street

Building Number

Postcode

Town/City

Country

1.8 Contact person

Title

Initial(s)

Infix

Surname

Telephone

Mobile

Email

1.9 Are you applying on behalf of a partnership?

☐ Yes, Appendix 8 is mandatory. Please attach this.

☐ No

1.10 Do you belong to a group or group company?

*As referred to in Article 24b of Book 2 of the Dutch Civil Code*

☐ Yes, Appendix 9 is mandatory. Please attach this.

☐ No

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## 2. Intermediary

The applicant can use an authorised intermediary to submit an application on its behalf.

2.1 Is another organisation or private individual authorised to submit the application on behalf of the applicant?

☐ Yes > go to question 2.2

☐ No > go to question 3.1

2.2 For what period are you authorised by the applicant?

☐ Submission of the permit application.

☐ Performance of (legal) duties related to the application up to and including the time a decision is made about the application.

☐ Performance of (legal) duties related to the application up to and including the time authorisation is withdrawn.

2.3 Name of Intermediary

2.4 Chamber of Commerce (KVK) or Citizen Service Number

2.5 Postal address

Street

Building Number

Or P.O. Box

Postcode

Town/City

Country

2.6 Contact person at intermediary

Title

Initial(s)

Infix

Surname

Telephone

Mobile

Email

### 3. Design data for the wind farm at the Nederwiek I-A site

In this part of the application form, you fill in the most important details of the design for the wind farm at the Nederwiek I-A site (Section 12a (4a) of the Offshore Wind Energy Act (hereinafter the Act)). This concerns the P50 value for net electricity production, total installed capacity of the wind farm and information about the wind turbines.

For calculation of the P50 value for the net electricity production, please take the following into account. Pursuant to Article 3 (1a) of the Ministerial Order, you must have a wind energy yield calculation (wind report) prepared that includes a calculation of the P50 value for the net electricity production of the wind farm. This wind report must meet the conditions set out in Article 3 (1a and b) of the Ministerial Order. A further explanation of this is given in the Explanatory Notes to the Appendices.

When calculating the P50 value for net electricity production, a number of losses must be taken into account, including wake effects (Article 3 (2) of the Ministerial Order). For wake effect, only the wind farm itself is taken into account. The calculation of the wake effect must be based on the average of at least three different models specifically designed for large offshore wind farms. Please make sure the parameter settings of the respective models are clearly indicated. The Explanatory Notes to the Appendices provide further explanation of these losses.

Enter the results of the wind energy yield calculation (Appendix 2) under 3.1. Attach the wind report as Appendix 2.

#### 3.1 The P50 value for net electricity production

MWh/year

#### 3.2 What is the total installed capacity for which you are applying for the permit?

*The total installed capacity is a minimum of 1000 MW and a maximum of 1150 MW.*

MW

#### 3.3 Are uncertified wind turbines included in the design?

☐ No

☐ Yes, demonstrate in Appendix 10 that the turbines will be certified in time (at least four weeks before start of construction).

#### 3.4 Below you indicate which type of wind turbines you will use and how many. For each type of wind turbine, you enter the requested information on each row. The sum of the total installed capacity must be at least 1000 MW and may not exceed 1150 MW, and must be equal to the value entered under 3.2.

Brand	Type	Power	Number

#### 4. Timetable for construction and operation of Nederwiek I-A

In this part of the application form, you must specify the dates for completion of the activities referred to in Article 3 (3) of the Ministerial Order. Please include an explanation of this in the summary description (Appendix 1). (Section 12a (4b) of the Act and Article 3 (3) of the Ministerial Order).

Since the dates for the timetable are linked to the date the permit becomes irrevocable, and it is impossible to predict exactly when this will be, you may use the fictitious date of **1 March 2026** for the permit becoming irrevocable.

- 4.1 Intended date for agreeing to the conditions of the offshore grid system operator for connection and transmission of electricity in accordance with the Electricity Act 1998

- 4.2 Intended date for awarding contracts to manufacturers, suppliers and installers

- 4.3 Intended date for installing the first foundation

- 4.4 Intended date for installing the first wind turbine

- 4.5 Intended date for the start of pull-in of the 66 kV cables on the offshore grid platform  
*The date cannot be before 31 March 2030.*

- 4.6 Intended date for start of first electricity supply  
*The date cannot be before 31 March 2030.*

- 4.7 Intended date for supply of full power for the test phase of the offshore grid  
*The date cannot be after 31 December 2030.*

- 4.8 Intended date for decommissioning of the wind farm

## 5. Financial data

In this part of the application form, you must provide the most important financial data from the operating calculation (Appendix 3), the annual accounts(s) and the auditor's report, if applicable, (Appendix 4), and the financing plan (Appendix 5).

- 5.1 Total investment costs for the wind farm at the Nederwiek I-A site  
*As included in the operating calculation model*

€

A mandatory part of the application is a financial offer. This is a financial offer that must be made paid annually from 2031 until the end of the permit period (35 years). In 5.2, enter the amount of the financial offer that will be paid annually in those 35 years. This amount must correspond to the amount as included in the operating calculation model (OPEX).

- 5.2 Financial offer (payable annually)  
*The amount to be paid annually*

€

Pursuant to Article 6 (2) of the Ministerial Order, the combined amount of equity and capital commitments must amount to at least 20% of total investment costs for the wind farm. If you want to receive points for Section 9 of the ranking criterion 'Certainty of realisation of the wind farm', as included in Table 2 of the Appendix to the Ministerial Order, the combined amount of the equity and capital commitments in relation to the investment costs of the wind farm determines the number of points to be awarded.

At your request, you can include the following equity and capital commitments when determining the combined amount of equity and capital commitments (Article 6 (3) of the Ministerial Order):

- If applicable, the equity of the participants or capital commitments made to the participants in the partnership.
- If the applicant or a participant in a partnership is a subsidiary, the equity of the parent company, or capital commitments made to the parent company.

- 5.3 Do you want to supplement your combined equity and capital commitments with equity funds or capital commitments from the parties referred to in Article 6 (3a and b) of the Ministerial Order?

- ☐ Yes, please attach your most recent annual accounts and all the annual accounts of the parties whose equity you want to include, and/or auditor's report(s) in the case of capital commitments that you want to include, to Appendix 4.
- ☐ No, only your equity and the capital commitments are included. Attach your most recent financial accounts and auditor's report(s) in the case of capital commitments to Appendix 4.

- 5.4 Combined equity and capital commitments

*Enter the total amount of equity as demonstrated by your own financial accounts, supplemented, if applicable, by those of the parent company(ies) or partner(s) in the joint venture, plus the capital commitments made to the parent company or partners in the joint venture.*

€

- 5.5 Combined size of equity and capital commitments / cost of investment  
 $(5.4 / 5.1) * 100\%$

*Here you indicate the ratio of the equity and capital commitments to the investment costs of the wind farm. This percentage must be at least 20%.*

%

## 6. Certainty of realisation of the wind farm

For the criterion 'Certainty of realisation of the wind farm' (Table 2 in the Appendix to the Ministerial Order), an application will be ranked higher if you demonstrate that the parties, as referred to in Article 3 (5 a, b, c, d, e, f, g and h), have knowledge and experience about/with the realisation of offshore wind energy projects.

In Appendix 7, provide a substantiation of Sections 1 to 9 as listed in Table 2 in the Appendix to the Ministerial Order.

If you want to receive points for Section 10 of Table 2 in the Appendix to the Ministerial Order, please indicate below how you contribute to sufficient internships for skilled professionals in the wind sector.

6.1 Do you finance and/or offer at least two internships per academic year for students who have completed the elective course "Wind Turbine Maintenance" (currently known as elective courses K1312 and K0350)?

- ☐ You do not commit to the implementation of the Wind Netherlands Internship Agreement, nor to making the equivalent of two internships available annually (namely an amount of €22,000).
- ☐ You commit to implementing the Netherlands Wind Internship Agreement and offer and fund at least two internships per academic year for students who have completed the elective "Wind Turbine Maintenance" (currently known as electives K1312 and K0350) or an equivalent.
- ☐ You do not commit to implementing the Netherlands Wind Internship Agreement, but you will make an annual amount of €22,000 (equivalent to two internships) available without conditions to an educational institution offering the elective "Wind Turbine Maintenance" (currently known as electives K1312 and K0350) or an equivalent. The educational institution is free to spend this money on improving the aforementioned electives and any directly related activities. You will begin this process no later than the calendar year in which maintenance on the offshore wind farm begins and report on this annually by providing proof of payment.

## 7. IRBC

For the criterion 'Compliance with the principles of the International Responsible Business Conduct (IRBC) Agreement for the Renewable Energy Sector' (Table 4 in the Appendix to the Ministerial Order), an application is ranked higher if it can be demonstrated that the parties, as referred to in Article 3 (5 a, b, c, d, e, f, g and h), exercise due diligence in the field of IRBC. You can demonstrate this by:

- 1) Participation in the IRBC Agreement for the Renewable Energy Sector (hereinafter: IRBC Renewable Energy Agreement/IRBC Agreement), led by the Social and Economic Council (SER), and the associated annual monitoring of the parties' supply chain, as described in the IRBC Renewable Energy Agreement; or
- 2) Participation in another multi-stakeholder initiative similar to the IRBC Renewable Energy Agreement, in which the participating parties' supply chains are monitored in a similar way; or
- 3) Having its own due diligence policy if there is no participation in the IRBC Renewable Energy Agreement or a multi-stakeholder initiative comparable to this Agreement. In the latter case, fewer points will be awarded.

If you want to receive points for IRBC, please indicate below whether the various parties (as referred to in Article 3 (5 a, b, c, d, e, f, g and h) are (or will be) participating in the IRBC Agreement or another multi-stakeholder initiative, or if they have their own due diligence policy that is comparable to the IRBC Agreement on Renewable Energy. In Appendix 11, you provide evidence or provide a further explanation of this.

	Proof of participation in the IRBC Renewable Energy Agreement. Accession to the IRBC Agreement takes place <u>before the application is submitted</u>	Before submitting the application, the <u>party has joined</u> another multistakeholder initiative similar to the IRBC Renewable Energy Agreement.**	The Party has its own due diligence policy based on the qualitative criteria referred to under Section 1 of Table 4 in the Appendix to the Ministerial Order.***
7.1 The applicant and, if applicable, each participant in the partnership	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.2 Wind turbine manufacturer(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.3 Wind turbine installer(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.4 The parties responsible for operation and maintenance of the wind farm	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

	You agree to demonstrate, no later than one year after the permit becomes irrevocable, that the party has acceded to the IRBC Renewable Energy Agreement.	You agree to demonstrate, no later than one year after the permit becomes irrevocable, that the party has joined another multi-stakeholder initiative comparable to the IRBC Renewable Energy Agreement.**	The Party has its own due diligence policy based on the qualitative criteria referred to in Table 4 of the Appendix. You demonstrate this by providing insight into this due diligence policy***
7.5 Foundation manufacturer(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.6 Foundation installer(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.7 Wind farm cabling manufacturer(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
7.8 Wind farm cabling installer(s)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

\* In Appendix 11, you must provide proof of participation in the IRBC Agreement.

\*\* In Appendix 11, you must provide proof of membership in another multistakeholder initiative similar to the IRBC Renewable Energy Agreement.

\*\*\* In Appendix 11, you must explain the party's own due diligence policy based on the qualitative criteria listed in Table 4 of the Appendix to the Ministerial Order.

## 8. Circularity

For the criterion 'Consumption of raw materials, environmental impact and value retention in the design, construction, operation and removal of the wind farm' (Table 5 in the Appendix to the Ministerial Order), an application is ranked higher the more insight is provided or that you agree to provide.

If you want to receive points for circularity, please provide substantiation in Appendix 12 for Sections 1.1, 1.2, 4.1 and 4.2 as listed in Table 5 of the Appendix to the Ministerial Order. In the substantiation, make sure you address all the points listed under the 'Qualitative measure' column in Table 5.

Regarding Sections 2.1 to 3.1 of Table 5 in the Appendix to the Ministerial Order, in Appendix 12 you indicate:

- whether you agree to provide insight into the requested information no later than 18 months after the permit has become irrevocable (Sections 2.1 to 2.6 and 3.1); and
- whether, with regard to Section 2.7, you undertake to provide insight into the qualitative criterion referred to in Section 2.7 no later than 12 months before the expiry date of the permit for construction and operation of the wind farm.

8.1 Would you like to receive points for the criterion 'Consumption of raw materials, environmental impact and value retention in the design, construction, operation and removal of the wind farm'?

*If you want to receive points for this criterion, please provide the requested information and/or commitments in Appendix 12.*

☐ Yes

☐ No

## 9. Contribution of the wind farm to the ecosystem of the Dutch North Sea

The criterion 'Contribution of the wind farm to the ecosystem of the Dutch North Sea' (Table 6 in the Appendix to the Ministerial Order) consists of two components:

1. Implement measures at the Nederwiek I-A site to reduce negative ecological impacts on locally occurring birds and marine mammals;
2. Investigate, protect and enhance underwater nature, marine ecosystems and naturally occurring diversity of benthos in the Nederwiek I-A site;

If you would like to receive points for this Section, in Appendix 13 please explain the measures you intend to take, as listed in Sections 1 and 2 (with the exception of measure 1.2) of Table 6 in the Appendix to the Ministerial Order.

9.1 Would you like to receive points for the criterion 'Contribution of the wind farm to the ecosystem of the Dutch North Sea'?

*If you want to receive points for this criterion, please provide the requested information and/or commitments in Appendix 13.*

☐ Yes

☐ No

## 10. Harbour porpoise disturbance days

If you want to receive points for reducing harbour porpoise disturbance days during the construction phase for the foundations of the wind farm compared to the Nederwiek I-A Wind Farm Site Decision, as included as a measure in Section 1.2 of Table 6 in the Appendix to the Ministerial Order, please provide the calculation of harbour porpoise disturbance days and a substantiation thereof in Appendix 14. This calculation must be assessed by an independent organisation with expertise in the field of underwater noise and porpoise disturbance days. Please also include this assessment in Appendix 14.

Then indicate below:

- the result of the calculation of harbour porpoise disturbance days (under 10.1).
- the overplanting factor. This should be calculated as follows:  
$$\frac{\text{Number of wind turbines planned in application} * \text{capacity per wind turbine}}{1,000 \text{ MW}}$$
- the result of the (following) division: harbour porpoise disturbance days / overplanting factor (10.1 / 10.2)

The result for 10.3 determines the number of points that are awarded, in accordance with the assessment criterion as listed in Section 1.2 of Table 6 in the Appendix to the Ministerial Order.

If you do not want to receive points for this section, you do not need to complete the form below.

10.1 How many harbour porpoise disturbance days are expected?

10.2 What is the overplanting factor?

10.3 Harbour porpoise disturbance days / overplanting factor

## 11. Appendices checklist

Check that an appendix has been included. If one or more of the mandatory appendices is missing, your application will be rejected. Please also carefully read the Explanatory Notes to the appendices included at the end of this form.

- Appendices 1 to 7 **must** be submitted with this application form.
- Appendices 8 to 14 may be **mandatory**.
- Appendix 15 is **optional**.

<input type="checkbox"/> Appendix 1	<b>Summary description of the realisation, operation and decommissioning of the wind farm</b> (Article 4 (a and b) of the Ministerial Order)
<input type="checkbox"/> Appendix 2	<b>Wind report, including the calculation models, environmental models and wind models</b> (Section 12a (4a) of the Act and Article 3 (1a and b) of the Ministerial Order)
<input type="checkbox"/> Appendix 3	<b>Operating calculation:</b> (Section 12a (4c) of the Act and Article 3 (4) of the Ministerial Order) Use the operating calculation model that RVO has made available in the form of an Excel worksheet.
<input type="checkbox"/> Appendix 4	<b>Annual accounts(s) and, if you include a capital commitment in the application, an auditor's report</b> (Article 4 (e and f) and Article 6 (2) of the Ministerial Order)
<input type="checkbox"/> Appendix 5	<b>Financing plan</b> (Article 4 (c) of the Ministerial Order)
<input type="checkbox"/> Appendix 6	<b>Table of wind turbine data and locations</b> (Article 3 (1c) Ministerial Order and Regulation 2 (1 to 6) and Regulation 3 (2 to 7) of the Wind Farm Site Decision)
<input type="checkbox"/> Appendix 7	<b>Overview of the knowledge and experience of the parties involved</b> (Act, Section 12a (4d and e) of the Act and Article 3(5 and 6) of the Ministerial Order)
<input type="checkbox"/> Appendix 8	Did you indicate in Question 1.9 that you are applying on behalf of a partnership? Then this Appendix is mandatory for you. <b>Overview of the partnership with a declaration of participation in the partnership signed by each participant and with an authorisation signed by each participant for the lead partner of the partnership</b> (Article 4 (d) of the Ministerial Order)
<input type="checkbox"/> Appendix 9	Did you indicate in question 1.10 that you belong to a group or group company? <b>Organisation chart of the group or group company, including the registration numbers in the Dutch Business Register of the legal entities and companies in the group or group company.</b> (Article 4 (g) of the Ministerial Order)
<input type="checkbox"/> Appendix 10	Have you included uncertified turbines in your design for the wind farm? Then this Appendix is mandatory for you. <b>Information on the declaration for uncertified turbines mentioned in the application</b> (Article 3 (1c) of the Ministerial Order)
<input type="checkbox"/> Appendix 11	Would you like to receive points in the ranking for the degree of compliance with the principles of the International Responsible Business Conduct (IRBC) Agreement for the Renewable Energy Sector? If yes, this Appendix is mandatory for you. <b>Description of the level of compliance with the principles of the IRBC Agreement</b> (Article 4 (h) of Ministerial Order and Table 4 in the Appendix to the Ministerial Order)
<input type="checkbox"/> Appendix 12	Would you like to receive points in the ranking for the degree of insight into raw material consumption, environmental impact and value retention in the design, construction, operation and removal of the wind farm? If yes, this Appendix is mandatory for you. <b>Description of the level of insight into resource consumption, environmental impact and value retention in the design, construction, operation and removal of the wind farm</b> (Article 4 (i) of the Ministerial Order and Table 5 in the Appendix to the Ministerial Order)

<input type="checkbox"/> Appendix 13	<p>Would you like to receive points in the ranking for the contribution of the wind farm to the ecosystem of the Dutch North Sea (as listed in Table 6 in the Appendix to the Ministerial Order)? If yes, this Appendix is mandatory for you.</p> <p><b>Description of the contribution of the wind farm to the ecosystem of the Dutch North Sea</b>          (Article 4 (j) of the Ministerial Order and Table 6 in the Appendix to the Ministerial Order)          A maximum of the first 75 pages (A4 format) of this Appendix will be assessed. Pages 76 and beyond are not included in the assessment. All pages, including title page and table of contents, are included in the count,.</p>
<input type="checkbox"/> Appendix 14	<p>Would you like to receive points in the ranking for contribution to reducing harbour porpoise disturbance days in the construction phase for the foundations of the wind farm compared to the Nederwiek I-A Wind Farm Site Decision? If yes, this Appendix is mandatory for you.</p> <p><b>Description of the contribution to reducing harbour porpoise disturbance days in the construction phase of the wind farm.</b>          (Article 4 (j) of the Ministerial Order and Table 6, Section 1.2, in the Appendix to the Ministerial Order)</p>
<input type="checkbox"/> Appendix 15	<p><b>Press release:</b> If the permit is awarded to you, the press office of the Ministry of Economic Affairs and Climate Policy would like to publish information about your project in a press release immediately after its announcement. You can optionally add a draft press release with your application containing the information you wish to share.</p>

**Please note:** Please note: In addition to all the information above, you must also provide information about the assessment of risks to public safety, security of supply, or security of delivery based on the Offshore Wind Energy Implementation Regulation. A separate application form has been established for this purpose. You must submit this application form and the required information to RVO in a separate envelope, simultaneously with this permit application.

## 12. Declaration and signature

The applicant hereby declares the following:

- I am qualified and/or authorised to sign this application.
- This form and the appendices have been completed fully and truthfully.

12.1 Name of signatory

12.2 Position

12.3 Date

12.4 Signature

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## Explanatory Notes for Appendices

### Application for the permit for Site I-A in the Nederwiek Wind Farm Zone

#### **Appendix 1 Summary description of the realisation, operation and decommissioning of the wind farm**

According to Article 4 (a and b) of the Ministerial Order, the application must include: a) a summary description of the realisation plan and documents demonstrating that the applicable delivery dates from the Offshore Wind Energy Development Framework, as referred to in Article 16e of the Electricity Act 1998, can be met, and b) a summary description of the operation and decommissioning (removal) of the wind farm. This consists of:

- Project description: which wind turbines (brand, type) does the wind farm consist of, where will they be located and what infrastructure will you install for them? Who are the suppliers of wind turbines, cables, foundations and other hardware? Provide this chapter with relevant illustrations, tables and graphs. The summary description must also briefly describe how the applicant intends to comply with nitrogen regulations during construction, maintenance and removal work, as described in Regulation 4 (5) of the Wind Farm Site Decision. A final work plan and action plan with regard to nitrogen emissions from ships used, as well as the calculation referred to in Regulation 4 (5c) of the Wind Farm Site Decision, do not yet need to be provided in this description.
- Realisation plan: Which phases must be completed to realise the wind farm, when must what be ready and which parties will be involved? The key milestones that will be assessed are: agreeing to the conditions of the offshore grid operator; awarding contracts to manufacturers, suppliers and installers; installation of the first foundation; installation of the first wind turbine; start of pull-in of the 66 kV cables on the offshore grid platform; start of the (first) supply of electricity and readiness to supply full power for the offshore grid test phase. In addition, you must show that it is plausible that the delivery dates from the Offshore Wind Energy Development Framework, as referred to in Article 16e of the Electricity Act 1998, will be met.

- Operating plan: When will you start operating, who will operate the wind farm, how will maintenance be arranged and with which party, and for how many years do you want to operate the wind farm in accordance with the requirements of the permit.
- Decommissioning plan: When do you intend to decommission the wind farm and what will be your approach to this?

#### **Appendix 2 Wind report**

According to Section 12a (4a) of the Act and Article 3 (1a and b) of the Ministerial Order, you must provide a wind energy yield calculation (wind report) and the calculation models, environmental models and wind models used for this. The wind report must be prepared by an independent organisation with expertise in the field of wind energy yield calculations. The wind report contains the results of the wind energy yield calculation, using well-established calculation models, environmental models, wind models and wind maps.

The wind report shall contain at least:

- the location data of the wind farm (provide coordinates for each wind turbine)
- brand and type of wind turbines
- technical specifications of the proposed wind turbines, including hub height, rotor diameter and power curve
- the local wind data for the wind farm
- a calculation of the P50 value for the annual net electricity production of the wind farm
- the calculation of the P50 value for net electricity production includes availability, wake effects, electricity losses, and curtailment losses, whereby for the wake effect, only the wind farm for which the application relates is taken into account
- the calculation models, environmental models and wind models used for the wind energy yield calculation.

The availability of the wind farm can be assumed to be 96% throughout the entire permit period (40 years).

To calculate the wake effect, you must take the average of at least three different models that are specifically suitable for large offshore wind farms. Please make sure the parameter settings of the respective models are clearly indicated.

You must take into account curtailment losses if you want to make use of overplanting. The capacity of TenneT's export cable is a maximum of 1 GW. However, you may connect 1.15 GW to TenneT's platform. If you make use of this overplanting, you must keep in mind that you may only supply a maximum of 1 GW to TenneT's platform at any given time.

In the wind report, you must also take into account curtailment losses resulting from the measures described in Regulation 4 (3 and 4) of the Wind Farm Site Decision, to prevent collisions with birds and bats during migration periods near the wind farm. For birds, a fixed number of full-load hours of 13 hours per year should be assumed, and for bats this is 6 full-load hours per year.

In addition, curtailment losses resulting from turbine downtime which the applicant may implement in addition to requirements in the Wind Farm Site Decision, as an investment to protect the existing ecology, must also be included.

## Appendix 3 Operating calculation

According to Section 12a (4c) of the Act and Article 3 (4) of the Ministerial Order, you must include an estimate of costs and revenues with your application. This estimate shall, in any case, include an operating calculation with:

- a breakdown of investment costs per component of the wind farm.
- an overview of all costs and revenues of the wind farm.
- a calculation of the project return over the duration of the project.

Pursuant Section 14 (1e) of the Act, an implausible operating calculation is grounds for rejecting your application. To assess this, it is important that the investment costs and the costs and revenues during operation are specified in sufficient detail.

RVO provides an operating calculation model in the form of an Excel worksheet. This calculation model can be downloaded and must be used to calculate the project return. In addition, this model calculates the return on

equity and the Debt Service Coverage Ratio (DSCR).

The mandatory components of the operating calculation are explained in Sections 3.1, 3.2 and 3.3 of these explanatory notes.

### 3.1 A breakdown of investment costs per component of the wind farm

A standard, internationally used list of investment costs recommended by RVO:

- Foundations;
  - Supply:
    - Primary steel
    - Secondary steel
    - Appurtenances and coating
    - Transport (from fabricator to marshalling harbour if applicable)
  - Installation:
    - Storage marshalling harbour (if applicable)
    - Mobilisation of installation vessel
    - Transport and installation
    - Demobilisation of installation vessel
    - Support vessels
- Infield cabling;
  - Supply:
    - Supply of infield cables
    - Transport to storage (if applicable)
  - Installation:
    - Mobilisation of cable laying vessel
    - Mobilisation of cable burial vessel
    - Transport and installation of cable laying
    - Cable burial
    - Demobilisation of cable laying vessel
    - Demobilisation of cable burial vessel
    - Cable pull-in and termination
- Wind turbines;
  - Supply:
    - Supply of wind turbines
    - Transport to marshalling harbour (if applicable)
  - Installation:
    - Mobilisation of installation vessel
    - Transport and installation of turbines
    - Demobilisation of installation vessel
    - Commissioning of turbines
- Financing costs
- Legal
- Project development
- Insurance

Provide a brief explanation for each investment item.

Furthermore, the investment costs breakdown must take into account:

- The costs arising from Article 9 (1) of the Ministerial Order. This is a fixed amount of €18,352,510 and is included in the breakdown as a non-changeable amount;
- Any costs during the construction phase for measures to promote the contribution of the wind farm to the ecosystem of the Dutch North Sea.

### 3.2 An overview of all costs and benefits of the wind farm

On the benefits side, you specify the following per year for the entire term:

1. How many MWh you produce. The P50 value for net electricity production.
2. The market value per MWh for which you sell the electricity. For the market value, you can use the forecast RVO provides in the operating model. You may also use your own forecast. Take into account the annual indexation and price agreements with the buyer of the energy produced.
3. The value per MWh for which you sell the Guarantees of Origin (GOs). Take into account the annual indexation and price agreements with the buyer of the energy produced.

On the cost side, you specify the costs per year for the entire operating period. For example, you can break down the costs into the main items below, but you can also use your own breakdown:

1. Financial bid
2. Annual reservation of financial offer after cessation of operations\*
3. Guarantee (warranty)
4. Maintenance
5. Network (fixed charges and variable)
6. Personnel
7. Administration
8. Monitoring system
9. Insurance
10. Spare parts
11. Disposal
12. Decommissioning reserve costs (incl. costs of bank guarantee for decommissioning)
13. Any costs incurred during operation for measures to improve the ecosystem of the Dutch North Sea
14. Unforeseen expenses
15. Other
16. Legal and finance
17. Advisors
18. Interest and depreciation

\* Regarding the costs for the financial offer, you should take the following into account. The financial offer must be paid

annually from 2031 until the end of the permit period, while the wind farm will stop operating earlier. Any costs for the financial bid that remains to be paid after the cessation of operations must be entered as an annual reserve in the operating years.

Please provide a brief explanation separately for each item, possibly accompanied by a quote.

### 3.3 A calculation of the project return over the term.

The project return in RVO's operating calculation model is calculated according to the Internal Rate of Return (IRR) method, where  $NPV = 0$ .

$$NPV = \sum_{n=0}^N \frac{C_n}{(1+r)^n} = 0$$

In this equation,  $N$  is the term in years,  $n$  is the year number,  $C_n$  is the cash flow in that year,  $r$  is the desired project return, and NPV is the Net Present Value.

The cashflow in a year is defined as net profit + depreciation + interest. Year 0 is the first year of investment. Net profit is the profit after deducting corporation tax. If there is a loss in any year, you can offset this loss in the following year. This will reduce the taxable income in that year. You only pay tax on a positive result.

In addition to the aforementioned mandatory components of the operating calculation, the RVO model also calculates the Return on Equity (ROE) and the Debt Service Coverage Ratio (DSCR).

The DSCR is benchmark used to determine whether a financed company is able to meet its interest and repayment obligations. The DSCR is defined as:

$$DSCR = \frac{\text{Profit after tax + depreciation + interest}}{\text{Repayments + interest}}$$

The ROE is also calculated according to the IRR method, but now not on the basis of the investment but on the contribution of equity.

## Appendix 4 Annual accounts(s)

Pursuant to Section 14 (1c) of the Act and Article 6 (2) of the Ministerial Order, your application will be rejected if the combined amount of equity and capital commitments is less than 20% of the total investment costs for the wind farm. You must prove your equity with the most recent annual accounts(s), which you must submit in accordance with Article 4 (e) of the Ministerial Order, or with an auditor's report showing the reserved amount from an investor, which you must submit, if applicable, pursuant to Article 4 (f) of the Ministerial Order.

You can, at your own request, supplement your equity with the equity of and/or capital commitments to the:

- participants in the partnership if you are part of a partnership or
- parent company(ies) if you are a subsidiary.

As the applicant, you must submit your most recently adopted annual accounts and, where relevant, those of the parent company(ies) and/or the participants in the partnership. The year to which these annual accounts relate must be no more than three calendar years before the year in which the permit application is submitted.

If you include one or more capital commitments in your application, you must also attach an auditor's report in which the investor and the reserved amount are identified.

## Appendix 5 Financing plan

You must include a financing plan with your application (Article 4 (c) of the Ministerial Order). In the financing plan, you must at least name the intended financiers and indicate what percentage of the investment you plan to finance yourself and what part will be financed by third parties. This percentage must correspond to what is stated in the operating calculation.

In accordance with Article 6 (2) of the Ministerial Order, the information provided in this Appendix is used to assess the financial feasibility of the construction and operation of the wind farm.

## Appendix 6 Table with wind turbine data and locations

You must submit a table with data for each wind turbine. This information must be the same as the information in other appendices. The requested data is used to verify whether the wind farm complies with Regulations 2 (1, and 3 to 6) and 3 (2 to 7) of the Wind Farm Site Decision.

For each wind turbine, please provide the following data for each line (a - f) in a table. The required accuracy is indicated after each piece of information.

a)	Brand	
b)	Type	
c)	Hub height MSL	[ ] [ ] [ ] [ ] m
d)	Rotor diameter (m)	[ ] [ ] [ ] [ ] m
e)	Power (MW)	[ ] [ ] [ ] [ ] MW
f)	Position of the centre of the wind turbine in UTM (ETRS89, zone 31)	
	UTM Northern	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]
	UTM Eastern	[ ] [ ] [ ] [ ] [ ] [ ] [ ] [ ]

When choosing the position of a wind turbine, ensure that the entire wind turbine, including rotor blades, is always within the prescribed boundaries of the site, regardless of wind directions. The blades must never extend beyond the site boundaries. The distance between the wind turbines must also be at least four times the rotor diameter, expressed in metres.

RVO requests that you submit the data in an Excel document and a shapefile with all associated files, including the coordinate system in ETRS89.

## Appendix 7 Overview of the knowledge and experience of the parties involved

This Appendix contains information that is mandatory under Section 12a (4 d and e) of the Act:

- a list of the parties involved in construction and operation of the wind farm. Article 3 (5) of the Ministerial Order prescribes that this concerns the following parties:
  - the applicant and, if applicable, any participant in the partnership
  - foundation manufacturer(s)
  - foundation installer(s)
  - wind turbine manufacturer(s)
  - wind turbine installer(s)
  - wind farm cable manufacturer(s)
  - wind farm cable installers
  - the parties responsible for operation and maintenance of the wind farm

- a description of the knowledge and experience of the parties involved. Article 3 (6) of the Ministerial Order stipulates that the knowledge and experience of the parties involved relates to offshore wind farms. This knowledge and experience includes:
  - installed capacity of offshore wind farms or number of offshore energy projects for which the applicant has carried out project management during construction.
  - number of foundations produced by the manufacturer(s).
  - number of foundations installed by the installer(s).
  - number of wind turbines produced by the manufacturer(s).
  - number of wind turbines installed by the installer(s).
  - number of offshore electricity connections for which cables have been produced by the manufacturer(s).
  - number of wind turbines connected by the installers of the wind farm cables.
  - installed capacity of wind farms that the parties responsible for operation and maintenance have operated and maintained.

In accordance with Article 6 (1b) of the Ministerial Order, the information provided in this Appendix is used to assess the technical feasibility of the construction and operation of the wind farm.

In addition, this data is used in the relative weighting of the ranking criteria as referred to in Article 8 (1) of the Ministerial Order. The weighting in points is further elaborated in Table 2 of the Appendix to the Ministerial Order.

### **Appendix 8 Overview of the partnership**

According to the Ministerial Order, you can apply as a partnership. Article 4 (d) of the Ministerial Order states that a declaration of participation in the partnership, signed by each participant, must be attached. This overview must include the following information for each participant:

- Company name, address, place of business
- Representative's Name and Position
- Signature, place and date

Also, each participant in the partnership must also include authorisation for the lead partner to submit the request.

However, RVO advises that you do not apply as a partnership, but rather as a private limited company (BV), limited partnership (CV) or public limited company (NV) in

which one or more of the parent companies/participants hold a share. The main advantage of this is that the permit is issued in the name of a single entity. The process of adding or removing shareholders is therefore an internal matter for the applicant entity. The process of any subsequent name change and possible transfer of the permit is also considerably easier.

### **Appendix 9 Organisation chart group or group company**

If you, as an applicant, belong to a group or group company, your application must include an organisation chart of the group or group company and the registration numbers in the Dutch Business Register of the legal entities and companies in the group or group company (Article 4 (g) of the Ministerial Order).

The information provided in this Appendix is used to assess whether an applicant has submitted a maximum of one application (Article 2 (2 and 3) of the Ministerial Order).

### **Appendix 10 Declaration for uncertified wind turbines in the application**

If you use uncertified wind turbines, you must provide information with your application demonstrating that the wind turbines will be certified no later than four weeks before the start of construction.

In accordance with Article 6 (1a) of the Ministerial Order, the information provided in this Appendix is used to assess the technical feasibility of the construction and operation of the wind farm.

### **Appendix 11 Description of the level of compliance with the principles of the International Responsible Business Conduct Agreement**

To receive points for the degree of compliance with the principles of the International Responsible Business Conduct (IRBC) Agreement for the Renewable Energy Sector, you must provide a description of your level of compliance in Appendix 11 (Article 4 (h) of the Ministerial Order).

In this Appendix, you must address the extent to which due diligence in the field of IRBC is applied – complying with the OECD Guidelines and the United Nations Principles on Human Rights and Business 2011 (UNGPs) – by the parties referred to in Article 3 (5) of the Ministerial Order.

You can demonstrate this by:

- 1) participation in the IRBC Agreement for the Renewable Energy Sector (hereinafter: IRBC Renewable Energy Agreement), which is led by the Social and Economic Council (SER), and the associated annual monitoring of the parties' supply chain, as described in the IRBC Renewable Energy Agreement; or
- 2) participation in another multi-stakeholder initiative similar to the IRBC Renewable Energy Agreement, monitoring the supply chain of the participating parties in a similar way; or
- 3) having your own due diligence policy if there is no participation in the IRBC Renewable Energy Agreement, or a multi-stakeholder initiative comparable to the Agreement. In this case, fewer points will be awarded.

In the application form, the parties referred to in Article 3 (5a, d, e and h) of the Ministerial Order are asked if they:

- 1) have acceded to the IRBC Renewable Energy Agreement, before submission of the application;
- 2) have joined another multi-stakeholder initiative similar to the IRBC Renewable Energy Agreement, before submitting the application;
- 3) or have their own due diligence policy.

Where points 1) or 2) above apply, you must provide evidence of this in Appendix 11.

Where point 3) above applies, in Appendix 11 you must demonstrate that the due diligence policy is based on the qualitative criteria listed in Table 4 in the Appendix to the Ministerial Order. You do this by providing insight into this due diligence policy.

In the application form, the parties referred to in Article 3 (5b, c, f and g) of the Ministerial Order are asked if:

- 1) the permit holder will demonstrate that the parties have acceded to the IRBC Renewable Energy Agreement no later than one year after the permit becomes irrevocable;
- 2) the permit holder will demonstrate, no later than one year after the permit becomes irrevocable, that the parties have joined another multistakeholder initiative comparable to the IRBC Renewable Energy Agreement.
- 3) Or that the party has its own due diligence policy.

Where points 1) and 2) above apply, you do not need to submit anything in Appendix 11. If you are granted the permit, a provision to this effect will be included in the permit.

Where point 3) above applies, Appendix 11 should include evidence that the due diligence policy is based on the qualitative criteria listed in Table 4 in the Appendix to the Ministerial Order. You do this by providing insight into this

due diligence policy.

The data provided in this Appendix will be used in the relative weighting of the ranking criteria as referred to in Article 8 (1) of the Ministerial Order. The weighting in points is further elaborated in Table 4 of the Appendix to the Ministerial Order.

### **Appendix 12      Description of raw material consumption, environmental impact and value retention in the design, construction, operation and disposal of the wind farm**

To receive points for use of raw materials, environmental impact and the value retention in the design, construction, operation and removal of the wind farm, you must describe the extent to which these factors are addressed in Appendix 12 (Article 4 (i) of the Ministerial Order).

Your application will be ranked higher if you provide, or agree to provide, the most comprehensive insight possible into this criterion.

In Appendix 12 you must address and provide explanations of Sections 1.1, 1.2, 4.1 and 4.2 as listed in Table 5 of the Appendix to the Ministerial Order. Make sure that you address all the points mentioned in the column 'Qualitative measure'. Failure to do so may result in fewer or no points.

Regarding Sections 2.1 to 2.6 and 3, as listed in Table 5 of the Appendix to the Ministerial Order (Life Cycle Analysis), explain in Appendix 12 whether you will provide insight into the corresponding qualitative criterion no later than 18 months after the permit has become irrevocable:

- Raw materials
- Climate
- Biodiversity
- Expected lifespan of wind farm components
- Reuse of wind farm components
- Recyclability of wind farm components
- Knowledge sharing

You must also indicate whether you promise to provide insight into the end-of-life plan for components of the wind farm no later than 12 months before the expiry date of the permit (Section 2.7 from Table 5 of the Appendix to the Ministerial Order).

Below is a brief explanation of Sections 1.1, 1.2, 4.1 and 4.2 as listed in Table 5 of the Appendix to the Ministerial Order.

## *1.1 Circular strategies*

You must substantiate how the design of the wind farm incorporates the following circular strategies:

- Reduction in the use of raw materials
- Substitution of raw materials and components
- High-quality processing of raw materials
- Extending the lifespan of wind farm components

For each strategy, you will at least address:

- Why the chosen design is appropriate for the circular strategy in question;
- What the total additional costs are, rounded to fifty thousand euros (€50,000), compared to a design where these design choices for implementing the chosen circular strategies are not used for this wind farm; and
- If innovations have been applied, in what development phase (Technology: Readiness Level, TRL) the circular innovations are in and what the expected annual development will be in the next ten years.

You will receive more points if you focus on multiple circular strategies (maximum 4 strategies).

## *1.2 Optimisation of the construction and operation phase*

You must substantiate how shipping will be optimised in the construction and operation phases, taking into account impact on local nature, the environment, climate and lifespan extension of wind farm components.

As a minimum, you will address:

- Use of sustainable fuels and/or electrification of the proposed vessels;
- Transport movements of the proposed vessels;
- Noise level of shipping during the construction and operation phases; and
- Use of antifouling on vessels.

## *4.1 Use reversible polymers*

Reversible polymers are used as much as possible in the rotor blades. The higher the percentage by weight of reversible polymers (excluding carbon) in the rotor blades, the more points are awarded.

If a different recycling technology is used, to be eligible for points, you must demonstrate that this technology:

- Can achieve at least TRL 6 by the start of construction (installation) of the first wind turbine
- Can achieve the same percentage and quality of fibres at the end of the rotor blades' lifespan as when using reversible polymers.

If co-processing is used, a maximum of half of the points can be awarded.

You substantiate the above in Appendix 12.

## *4.2 Recyclability of rotor blades*

The rotor blades used in the wind farm will be designed, as much as possible, for recyclability, using a technology that meets at least TRL 6 at the start of construction of the wind farm.

The recycling percentage determines the number of points to be awarded. You get more points the higher the percentage of rotor blades that are recyclable.

In Appendix 12, you substantiate that the chosen recycling percentage is plausible. The column 'Qualitative measure' in Section 4.2 of Table 4 in the Appendix to the Ministerial Order lists the conditions that must be met to qualify for points. Make sure you address all the points listed in the 'Qualitative measure' column. Failure to do so may result in fewer or no points.

The data provided in this Appendix will be used in the weighting of the ranking criteria as referred to in Article 8 (1) of the Ministerial Order. The weighting in points is further elaborated in Table 5 in the Appendix to the Ministerial Order.

## Appendix 13 Description of the contribution of the wind farm to the ecosystem of the Dutch North Sea

If you want to receive points for the contribution of the wind farm to the ecosystem of the Dutch North Sea, you must provide a description of the relevant measures and contributions in Appendix 13 (Article 4 (j) of the Ministerial Order).

In this Appendix, you will focus on:

- Implementing measures at the Nederwiek I-A site to reduce negative ecological effects on locally occurring birds and marine mammals, as described in more detail in Table 6, Section 1, in the Appendix to the Ministerial Order. You only need to discuss measures 1.1, 1.3 and 1.4.
- Researching, protecting and enhancing underwater nature, marine ecosystems and naturally occurring benthos diversity at the Nederwiek I-A site, as described in more detail in Table 6, Section 2, in the Appendix to the Ministerial Order.

The column 'Conditions for applying the assessment criterion' in Table 6 in the Appendix to the Ministerial Order lists the conditions that must be met to be eligible for points. Ensure you address all the points listed in the 'Assessment criterion' column. Failure to do so may result in fewer or no points.

In this Appendix, you do not have to address Section 1.2 of Table 6 in the Appendix to the Ministerial Order (reducing harbour porpoise disturbance days during the construction phase of the foundations of the wind farm compared to the EIA for Nederwiek I-A Wind Farm Site Decision). This information is requested in Appendix 14.

The data provided in this Appendix will be used in the relative weighting of the ranking criteria as referred to in Article 8 (1) of the Ministerial Order. The weighting is further elaborated in Table 6 in the Appendix to the Ministerial Order.

A maximum of the first 75 pages (A4 format) of this Appendix will be assessed. Pages 76 and beyond are not included in the assessment. All pages are counted in the count, including title page and table of contents.

## Appendix 14 Description of the contribution to reducing harbour porpoise disturbance days in the construction phase of the wind farm

If you want to receive points for the contribution to reducing harbour porpoise disturbance days during the installation of the foundations in the construction phase of the wind farm, you must provide a description of this in Appendix 14. This concerns the reduction of harbour porpoise disturbance days compared to the Nederwiek I-A Wind Farm Site Decision.

Your application will be ranked higher as the number of harbour porpoise disturbance days is reduced during the construction phase for foundation installation compared to the maximum stipulated in the Nederwiek I-A Wind Farm Site Decision.

In Appendix 14 you provide insight into the measure(s) you plan to implement. The measure(s) must meet the conditions (A to F) listed in Table 6, Section 1.2, of the Appendix to the Ministerial Order. Provide an explanation for all the conditions in Appendix 14. Please note condition F, which stipulates that the calculation of porpoise disturbance days must be tested (assessed) by an independent organisation with expertise in the field of underwater noise and porpoise disturbance days. You must include this assessment in this Appendix.

In addition to calculating harbour porpoise disturbance days, the overplanting factor must also be calculated. Overplanting factor:

$$\frac{(\text{number of wind turbines in application} * \text{capacity per turbine})}{1,000 \text{ MW}}$$

Turbines that qualify for Table 6, Section 1.3, of the Appendix to the Ministerial Order (demonstration of innovative foundation techniques) do not need to be taken into account in the calculation of the overplanting factor.

Points are awarded based on the outcome of the calculation: Harbour porpoise disturbance days / overplanting factor.

For specific conditions in this regard, see the description of the conditions as included in Table 6, Section 1.2, of the Appendix to the Ministerial Order.

The data provided in this Appendix will be used in the relative weighting of the ranking criteria as referred to in Article 8 (1) of the Ministerial Order. The weighting in points is further elaborated in Table 6, Section 1.2, in the Appendix to the Ministerial Order.

### Appendix 15 Press release

This attachment is optional. However, the press officer of the Ministry of Climate Policy and Green Growth (KGG) would appreciate it if you add a draft press release to your application. This allows the Minister to share some information about the project with the press immediately after the permit winner is announced. The information in the press release will, of course, only be published if you become the permit holder.

The Minister intends to announce/publish some details about the winning project. These are: the name of the permit holder and the ranking score per criterion.

The press release will not be used for the (application) assessment.