

المجلس العالمي للبصمة الكربونية  
GLOBAL CARBON COUNCIL



**Project  
Submission  
Form**

V4.0- 2022

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## COVER PAGE- Project Submission Form (PSF)

*Complete this form in accordance with the instructions attached at the end of this form.*

### BASIC INFORMATION

<b>Title of the Project Activity as per LON/LOA</b>	<b>Maslaktepe WPP</b>																																				
<b>PSF version number</b>	1																																				
<b>Date of completion / Updating of this form</b>	03/01/2023																																				
<b>Project Owner(s) as per LON/LOA</b> <small>(Shall be consistent with De-registered CDM Type B Projects)</small>	<ol style="list-style-type: none"> <li>1. Eni Enerji İnşaat Taahhüt Ticaret ve Sanayi A.Ş.</li> <li>2. Sekans Enerji Ltd. Şti. (Focal point to act on behalf of all Project Owners)</li> </ol>																																				
<b>Country where the Project Activity is located</b>	Turkey																																				
<b>GPS coordinates of the project site(s)</b>	<table border="1" style="width: 100%; border-collapse: collapse; text-align: center;"> <thead> <tr> <th>No</th> <th>Latitude (North)</th> <th>Longitude (East)</th> </tr> </thead> <tbody> <tr><td>T1</td><td>39°52'7.2444"</td><td>26°41'0.33"</td></tr> <tr><td>T2</td><td>39°51'55.7388"</td><td>26°41'10.986"</td></tr> <tr><td>T3</td><td>39°51'40.8168"</td><td>26°41'46.0608"</td></tr> <tr><td>T4</td><td>39°51'15.4224"</td><td>26°42'22.0068"</td></tr> <tr><td>T5</td><td>39°51'15.2964"</td><td>26°42'57.4704"</td></tr> <tr><td>T6</td><td>39°51'16.83"</td><td>26°43'21.5256"</td></tr> <tr><td>T7</td><td>39°51'30.9744"</td><td>26°43'46.8192"</td></tr> <tr><td>T8</td><td>39°51'22.302"</td><td>26°44'1.8132"</td></tr> <tr><td>T9</td><td>39°50'51.4284"</td><td>26°43'20.784"</td></tr> <tr><td>T10</td><td>39°50'52.3716"</td><td>26°43'52.4208"</td></tr> <tr><td>T11</td><td>39°50'53.3508"</td><td>26°44'25.3176"</td></tr> </tbody> </table>	No	Latitude (North)	Longitude (East)	T1	39°52'7.2444"	26°41'0.33"	T2	39°51'55.7388"	26°41'10.986"	T3	39°51'40.8168"	26°41'46.0608"	T4	39°51'15.4224"	26°42'22.0068"	T5	39°51'15.2964"	26°42'57.4704"	T6	39°51'16.83"	26°43'21.5256"	T7	39°51'30.9744"	26°43'46.8192"	T8	39°51'22.302"	26°44'1.8132"	T9	39°50'51.4284"	26°43'20.784"	T10	39°50'52.3716"	26°43'52.4208"	T11	39°50'53.3508"	26°44'25.3176"
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<p><b>Eligible GCC Project Type as per the Project Standard</b> (Tick applicable project type)</p>	<p><input checked="" type="checkbox"/> <b>Type A:</b></p> <p><input type="checkbox"/> Type A1</p> <p><input checked="" type="checkbox"/> Type A2</p> <p><input checked="" type="checkbox"/> Sub-Type 1</p> <p><input type="checkbox"/> Sub-Type 2</p> <p><input type="checkbox"/> Sub-Type 3</p> <p><input type="checkbox"/> Sub-Type 4</p> <p><input type="checkbox"/> Type A3</p> <p><input type="checkbox"/> <b>Type B – De-registered CDM Projects:<sup>1</sup></b></p> <p><input type="checkbox"/> Type B1</p> <p><input type="checkbox"/> Type B2</p>
<p><b>Minimum compliance requirements</b></p>	<p><input checked="" type="checkbox"/> Real and Measurable GHG Reductions</p> <p><input checked="" type="checkbox"/> National Sustainable Development Criteria (if any)</p> <p><input checked="" type="checkbox"/> Apply credible baseline and monitoring methodologies</p> <p><input checked="" type="checkbox"/> Additionality</p> <p><input checked="" type="checkbox"/> Local Stakeholder Consultation Process</p> <p><input checked="" type="checkbox"/> Global Stakeholder Consultation Process</p> <p><input checked="" type="checkbox"/> No GHG Double Counting</p> <p><input checked="" type="checkbox"/> Contributes to United Nations Sustainable Development Goal 13 (Climate Action)</p>
<p><b>Choose optional and additional requirements</b> (Tick applicable label categories)</p>	<p><input checked="" type="checkbox"/> Do-no-net-harm Safeguards to address Environmental Impacts</p> <p><input checked="" type="checkbox"/> Do-no-net-harm Safeguards to address Social Impacts</p> <p><input checked="" type="checkbox"/> Contributes to United Nations Sustainable Development Goals (in addition to Goal 13)</p>

<sup>1</sup> Owners of Type B projects shall fill in the form provided in Appendix 7.

<p><b>Applied methodologies including version No.</b></p> <p>(Shall be approved by the GCC or the CDM)</p>	<p>CDM Approved ACM0002 Grid-connected electricity generation from renewable sources, Version 21.0</p>																														
<p><b>GHG Sectoral scope(s) linked to the applied methodology(ies)</b></p>	<table border="1" data-bbox="532 569 1456 737"> <thead> <tr> <th data-bbox="532 569 992 621">GHG Sectoral Scope</th> <th data-bbox="992 569 1456 621">GHG Sectoral Scope Title</th> </tr> </thead> <tbody> <tr> <td data-bbox="532 621 992 737">GHG-SS #1</td> <td data-bbox="992 621 1456 737">Energy (renewable/nonrenewable sources)</td> </tr> </tbody> </table>		GHG Sectoral Scope	GHG Sectoral Scope Title	GHG-SS #1	Energy (renewable/nonrenewable sources)																									
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<p><b>Applicable Rules and Requirements for Project Owners</b></p> <p>(Tick applicable Rules and Requirements)</p>	<table border="1" data-bbox="524 863 1446 1791"> <thead> <tr> <th data-bbox="524 863 1159 915">Rules and Requirements</th> <th data-bbox="1159 863 1446 915">Version</th> </tr> </thead> <tbody> <tr> <td data-bbox="524 915 1159 968"><input checked="" type="checkbox"/> ISO 14064-2</td> <td data-bbox="1159 915 1446 968"></td> </tr> <tr> <td data-bbox="524 968 1159 1052"><input checked="" type="checkbox"/> Applicable host country legal requirements /rules</td> <td data-bbox="1159 968 1446 1052"></td> </tr> <tr> <td data-bbox="524 1052 805 1791" rowspan="10"><input checked="" type="checkbox"/> GCC Rules and Requirements<sup>2</sup></td> <td data-bbox="805 1052 1159 1104"><input checked="" type="checkbox"/> Project Standard</td> <td data-bbox="1159 1052 1446 1104">V3.1</td> </tr> <tr> <td data-bbox="805 1104 1159 1188"><input type="checkbox"/> Approved GCC Methodology (XXXXX)</td> <td data-bbox="1159 1104 1446 1188"></td> </tr> <tr> <td data-bbox="805 1188 1159 1241"><input checked="" type="checkbox"/> Program Definitions</td> <td data-bbox="1159 1188 1446 1241">V3.1</td> </tr> <tr> <td data-bbox="805 1241 1159 1325"><input checked="" type="checkbox"/> Environment and Social Safeguards Standard</td> <td data-bbox="1159 1241 1446 1325">V3.0</td> </tr> <tr> <td data-bbox="805 1325 1159 1409"><input checked="" type="checkbox"/> Project Sustainability Standard</td> <td data-bbox="1159 1325 1446 1409">V3.0</td> </tr> <tr> <td data-bbox="805 1409 1159 1524"><input checked="" type="checkbox"/> Instructions in Project Submission Form (PSF)-template</td> <td data-bbox="1159 1409 1446 1524">V4.0</td> </tr> <tr> <td data-bbox="805 1524 1159 1577"><input checked="" type="checkbox"/> Clarification No. 01</td> <td data-bbox="1159 1524 1446 1577"></td> </tr> <tr> <td data-bbox="805 1577 1159 1629"><input type="checkbox"/> Clarification No. 02</td> <td data-bbox="1159 1577 1446 1629"></td> </tr> <tr> <td data-bbox="805 1629 1159 1682"><input type="checkbox"/> Clarification No. 03</td> <td data-bbox="1159 1629 1446 1682"></td> </tr> <tr> <td data-bbox="805 1682 1159 1734"><input type="checkbox"/> Clarification No. 04</td> <td data-bbox="1159 1682 1446 1734"></td> </tr> <tr> <td data-bbox="805 1734 1159 1791"><input type="checkbox"/> Clarification No. 05</td> <td data-bbox="1159 1734 1446 1791"></td> </tr> </tbody> </table>		Rules and Requirements	Version	<input checked="" type="checkbox"/> ISO 14064-2		<input checked="" type="checkbox"/> Applicable host country legal requirements /rules		<input checked="" type="checkbox"/> GCC Rules and Requirements <sup>2</sup>	<input checked="" type="checkbox"/> Project Standard	V3.1	<input type="checkbox"/> Approved GCC Methodology (XXXXX)		<input checked="" type="checkbox"/> Program Definitions	V3.1	<input checked="" type="checkbox"/> Environment and Social Safeguards Standard	V3.0	<input checked="" type="checkbox"/> Project Sustainability Standard	V3.0	<input checked="" type="checkbox"/> Instructions in Project Submission Form (PSF)-template	V4.0	<input checked="" type="checkbox"/> Clarification No. 01		<input type="checkbox"/> Clarification No. 02		<input type="checkbox"/> Clarification No. 03		<input type="checkbox"/> Clarification No. 04		<input type="checkbox"/> Clarification No. 05	
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<sup>2</sup> GCC Program rules and requirements: <http://www.globalcarboncouncil.com/resource-centre/>

Project Submission Form

		<input type="checkbox"/> Standard on avoidance of double counting	
	<input checked="" type="checkbox"/> CDM Rules <sup>3</sup>	<input checked="" type="checkbox"/> Approved CDM Methodology (XXXXX)	V21.0
		<input checked="" type="checkbox"/> TOOL 1- Tool for the demonstration and assessment of additionality	V07.0.0
		<input type="checkbox"/> TOOL 02- Combined tool to identify the baseline scenario and demonstrate additionality	
		<input checked="" type="checkbox"/> TOOL 07- Tool to calculate the emission factor for an electricity system	V07.0
		<input checked="" type="checkbox"/> TOOL 10- Tool to determine the remaining lifetime of equipment	V01
		<input type="checkbox"/> TOOL 19- Demonstration of additionality of microscale project activities	
		<input type="checkbox"/> TOOL 20- Assessment of debundling for small scale project activities	
		<input type="checkbox"/> TOOL 21- Demonstration of additionality of small-scale project activities	
		<input type="checkbox"/> TOOL 23- Additionality of first-of-its-kind project activities	
		<input checked="" type="checkbox"/> TOOL 24- Common practice	V03.1
		<input checked="" type="checkbox"/> TOOL 27- Investment analysis	V11.0
		<input type="checkbox"/> TOOL 32- Positive lists of technologies	

<sup>3</sup> CDM Program rules: <https://cdm.unfccc.int/Reference/index.html>

		<input type="checkbox"/> Guidelines for objective demonstration and assessment of barriers	
<p><b>Choose Third Party Project Verification by approved GCC Verifiers<sup>4</sup></b></p> <p>(Tick applicable verification categories)</p>	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> GHG emission reductions (i.e., Approved Carbon Credits <b>(ACCs)</b>)</li> <li><input checked="" type="checkbox"/> Environmental No-net-harm Label <b>(E<sup>+</sup>)</b></li> <li><input checked="" type="checkbox"/> Social No-net-harm Label <b>(S<sup>+</sup>)</b></li> <li><input type="checkbox"/> United Nations Sustainable Development Goals <b>(SDG<sup>+</sup>)</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Bronze SDG Label</li> <li><input checked="" type="checkbox"/> Silver SDG Label</li> <li><input type="checkbox"/> Gold SDG Label</li> <li><input type="checkbox"/> Platinum SDG Label</li> <li><input type="checkbox"/> Diamond SDG Label</li> </ul> </li> <li><input checked="" type="checkbox"/> CORSIA requirements <b>(C<sup>+</sup>)</b> <ul style="list-style-type: none"> <li><input type="checkbox"/> Host Country Attestation on Double counting</li> </ul> </li> </ul>		

<sup>4</sup> **Note:** GCC Verifiers under the Individual Track are not eligible to conduct verifications for GCC Project Activities whose owners intend to supply carbon credits (ACCs) for use within CORSIA.



<p><b>Declaration by the ‘Authorized Project Owner<sup>5</sup> and focal point’</b></p> <p>(Tick all applicable statements<sup>6</sup>)</p>	<p>The Project Owner(s) declares that:</p> <p><b>Generic Requirements applicable to all Project Types:</b></p> <p><input checked="" type="checkbox"/> We confirm that the Project Activity complies with the eligibility of the applicable project type (A1, A2, A3, B1 or B2) as stipulated by the Project Standard and relevant clarifications.</p> <p><input checked="" type="checkbox"/> We confirm that the Project Activity shall start or have started operations, and shall start or have started generating emission reductions, on or after 1 January 2016.</p> <p><input checked="" type="checkbox"/> We confirm that the Project Activity is eligible to be registered under the GCC program.</p> <p>We shall ensure the following for the Project Activity (tick at least one of the two options):</p> <p><input checked="" type="checkbox"/> No outcomes (e.g., emission reductions, environmental attributes) generated by the Project Activity under GCC will be claimed as carbon credits or environmental attributes under any other GHG/non-GHG<sup>7</sup> program, either for compliance or voluntary purposes, during the entire GCC crediting period; or</p> <p><input checked="" type="checkbox"/> If the project activity has been issued with carbon credits or environmental attributes of compensating nature<sup>8</sup> by any other GHG/ non-GHG program, either for compliance or voluntary purposes, the ACCs will be claimed only for the remaining crediting period (subject to a maximum of 10 years of crediting period including the periods under other programs and GCC program) for which carbon credits/ environmental attributes of compensating nature have not been issued by any other GHG/ non-GHG program.</p> <p><b>Specific requirements applicable to respective Project Types:</b></p> <p><b><u>For Project Type A1:</u></b></p> <p><input type="checkbox"/> For Project Type A1, we confirm that the Project Activity is NOT registered as a GHG Project Activity in any other GHG/non-GHG program or any other</p>
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<sup>5</sup> The Project Owner means the legal entity or organization that has overall control and responsibility for the Project Activity

<sup>6</sup> **Consequences in case of Non-compliance with declaration statements:**

If at any point in time non-compliance with the declared statements is established as a result of negligence, fraud or wilful misconduct of the GCC Project Owner/s the GCC project activity will be disqualified, and the registration of the proposed Project Activity will be rejected.

<sup>7</sup> Non-GHG programs could be such as I-REC facilitating reliable energy claims with Renewable Energy Certificate (REC) schemes

<sup>8</sup> The environmental attributes of compensating nature are those which are used by captive users (e.g., corporates/industries) for offsetting their GHG emissions

	<p>voluntary program and has not issued or will not issue credits under any other program.</p> <p><b><u>For Project Type A2 (Sub-Type 1):</u></b></p> <p><input checked="" type="checkbox"/> For Project Type A2 Sub-Type 1, we confirm that the Project Activity is NOT registered as a GHG Project Activity in any other GHG/non-GHG program or any other voluntary program and has not issued or will not issue credits under any other program.</p> <p><b><u>For Project Type A2 (Sub-Type 2 or Sub-Type 3):</u></b></p> <p>For Project Type A2 Sub-Type 2 or Project Type A2 Sub-Type 3, we confirm that for Project Activity, which has been registered with CDM or any GHG/non-GHG Program and we shall (tick at least one of the two options):</p> <p><input type="checkbox"/> Submit a proof for deregistration from CDM; or</p> <p><input type="checkbox"/> Submit a signed &amp; stamped public undertaking, stating that the Project Owner will never submit any request for Issuance of ACCs or request for renewal of crediting period to CDM-EB or under article 6.4 or any authority after submission to GCC Program and shall formally inform CDM-EB or authority under article 6.4 or any authority after submission to GCC Program.</p> <p><input type="checkbox"/> For Project Type A2 Sub-Type 2 or Project Type A2 Sub-Type 3, we confirm that the Project Activity is NOT included as a component Project Activity (CPA) in any registered GHG Programme of Activities (PoA) or any other functionally equivalent grouped/aggregated activities under any GHG program (such as the CDM or any other voluntary program).</p> <p><b><u>For Project Type A2 (Sub-Type 4):</u></b></p> <p>For Project Type A2 Sub-Type 4, we confirm that the Project Activity has been included in a registered CDM-POA and we shall (tick at least one of the two options):</p> <p><input type="checkbox"/> Submit the proof for exclusion of CPA(s) from registered CDM-POA prior to the date of initial submission to the GCC Program; or</p> <p><input type="checkbox"/> Submit the proof of exclusion of CPA(s) from the registered CDM-PoA after the request for registration has been submitted to GCC Program but before the final decision is made by the GCC Steering Committee.</p> <p><b><u>For Project Type A3:</u></b></p> <p><input type="checkbox"/> For Project Type A3, we confirm that the Project Activity is NOT registered as a GHG Project Activity in any other GHG/non-GHG program or any other voluntary program and has not issued or will not issue credits under any other program.</p> <p><b><u>For Project Type B1 or B2:</u></b></p>
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	<p>For Project Type B1 or Project Type B2, we confirm that for Project Activity, which has been registered with CDM or any GHG/non-GHG Program and we shall (tick at least one of the two options):</p> <p><input type="checkbox"/> Submit a proof for deregistration from CDM; or</p> <p><input type="checkbox"/> Submit a signed &amp; stamped public undertaking, stating that the Project Owner will never submit any request for Issuance of ACCs or request for renewal of crediting period to CDM-EB or under article 6.4 or any authority after submission to GCC Program and shall formally inform CDM-EB or authority under article 6.4 or any authority after submission to GCC Program.</p> <p><b>Requirements to avoid double counting:</b></p> <p>We intend to submit or have submitted a written attestation<sup>9</sup> (Host Country Letter of Authorization - HCLOA) from the host country's national focal point or focal point designee for CORSIA eligible units generated beyond 31 December 2020 at the following stages<sup>10</sup> (tick at least one of the three options):</p> <p><input type="checkbox"/> The initial submission for GSC; or</p> <p><input type="checkbox"/> Along with the submission for a request for registration (after Project Verification is completed); or</p> <p><input checked="" type="checkbox"/> Along with the submission for a request for the first or subsequent issuance of ACCs.</p> <p><b>Project specific requirements:</b></p> <p><b><u>CORSIA specific requirements:</u></b></p> <p><input checked="" type="checkbox"/> We confirm that bundled projects or grouped projects shall have registered crediting period starting on or after 1 Jan 2016 for the grouped/aggregated project as a whole.</p> <p><input checked="" type="checkbox"/> We confirm that the Project Activity meets all the requirement of the CORSIA Eligible Emissions Units<sup>11</sup> required for GCC projects and does not fall under the excluded unit types, methodologies, programme elements, and/or procedural classes.</p> <p><input checked="" type="checkbox"/> We confirm that the Project Activity aims to achieve at least Silver or higher SDG+ label (i.e., positively impact at least 3 or more United Nations Sustainability Development Goals).</p>
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<sup>9</sup> In case of any change of Host Country Letter of Authorisation (HCLOA) the project owner shall inform the GCC operations team immediately.

<sup>10</sup> If the host country attestation is not submitted at the initial submission of GSC, the project can be tagged with an indicative CORSIA flag if it's confirmed to be submitted later. If the host country attestation is not submitted at the request for registration, the project can be tagged with an indicative CORSIA flag if at least the PSF and Verification Report confirms to submit this letter, at first issuance. If the host country attestation is not submitted at request for first issuance, the ACCs will not be tagged as CORSIA (C+) compliant if this letter is not submitted.

<sup>11</sup> CORSIA Eligible Emissions Units containing approval and conditions for GCC Program: <https://www.icao.int/environmental-protection/CORSIA/Pages/CORSIA-Emissions-Units.aspx>

Project Submission Form

	<p><input checked="" type="checkbox"/> We confirm that the Project Activity will be implemented in a country which is UN member state<sup>12</sup>.</p> <p>Provide details (if any) below for the boxes ticked above</p>
	<p>The Project Owner(s) declares that:</p> <p><input checked="" type="checkbox"/> All the information provided in this document, including any supporting documents submitted to the GCC or its registry operator IHS Markit at any time, is true and correct.</p> <p><input checked="" type="checkbox"/> They understand that a failure by them to provide accurate information or data, or concealing facts and information, can be considered as negligence, fraud or willful misconduct. Therefore, they are aware that they are fully responsible for any liability that arises as a result of such actions.</p> <p>Provide details below for the boxes ticked above</p>
<p><b>Appendixes 1-9</b></p>	<p>Details about the Project Activity are provided in Appendixes 1 through 9 to this document.</p>
<p><b>Name, designation, date and signature of the Focal point (as per LON/LOA)</b></p>	<p><b>SILA DURAN</b></p> <p><b>Eni Enerji İnşaat Taahhüt Ticaret ve Sanayi A.Ş., Sekans Enerji Limited Şirketi</b></p> <p><b>24/12/2022</b></p> <p><b>On behalf of Project Owners;</b></p> <p><b>Sıla Duran</b></p> <p><b>SEKANS ENERJİ LTD. ŞTİ.</b>  <b>Koruyucu Mah. Mimosza Sk.</b>  <b>Başın Sitesi CBL-A No:1R No:11</b>  <b>Beşiktaş/İstanbul</b>  <b>Beşiktaş V.D.:7590988733</b></p>

<sup>12</sup> The list of UN member states countries can be found at <https://www.un.org/en/about-us/member-states>

## 1. PROJECT SUBMISSION FORM

### Section A. Description of the Project Activity

#### A.1. Purpose and general description of the Project Activity

The Maslaktepe WPP (hereafter referred as “Project”) is a new built wind power plant, located in Çanakkale Province, Turkey owned by Eni Enerji İnşaat Taahhüt Ticaret ve Sanayi A.Ş. The generation license of the project was issued by the Energy Market Regulatory Authority (EMRA) on 15/03/2012 for 49 years. The project has an installed capacity of 52.9 MWm/51.525 MWe and the annual generation is estimated to be 185,362 MWh. Currently, 11 wind turbines (52.9 MW) are in operation, but additional 3 (17.70 MW) turbines will be commissioned in near future.

The purpose of the Project is to produce renewable electricity using wind as the power source and to contribute to Turkey’s growing electricity demand through a sustainable and low carbon technology. The project will displace the same amount of electricity generated by the grid dominated with fossil fired power plants. The annual emission reduction estimated by the project is 120,151 tonnes of CO<sub>2</sub>. During the crediting period, 1,201,839 tonnes of CO<sub>2</sub> are expected to be reduced.

Project has been developed to have six Nordex N131 turbines, each having a capacity of 3.9 MWm/3.9 MWe and and five Nordex N149 turbines, each having a capacity of 5.9 MWm/5.625 MWe. There are 11 turbines in total in the project. The electricity is transmitted to substation Sütlüce Basın TM over Malkara TM, via a 5 km, 154 kV transmission line.

The Project has started its commercial operation through the ministry acceptance of three turbines with the total installed capacity of 11.7 MWm/10.5 MWe on 03/10/2019.<sup>13</sup> On 11/12/2021, total installed power of the project has been reached to 23.4 MWm/23.4 MWe. Rest of the units will be commissioned through ministry acceptance protocols in near future.

The project will produce positive environmental and economic benefits through the following aspects:

- Displacing the electricity generated by fossil fuel fired power plants by utilizing the renewable resources so as to avoid environmental pollution and GHG emissions,
- Contributing the economic development of the region by providing sustainable energy resources,
- Increasing the income and local standard of living by providing job opportunities for the local people,
- Reducing the blackout because of low voltage by lowering required capacity of the transformer.

The project is expected to contribute 3 SDGs which are SDG 7, 8 and 13.

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<sup>13</sup> Ministry Acceptance Protocols

**SDG 7 – Affordable and Energy:** The project contributes SDG Target 7.2 “By 2030, increase substantially the share of renewable energy in the global energy mix” by the utilization of hydropower as a renewable energy source.

**SDG 8 – Decent Work and Economic Growth:** During the construction and operation phases of the project, direct and indirect job opportunities are created. Therefore, the project contributes to SDG Target 8.5, “By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities and equal pay for work of equal value.”

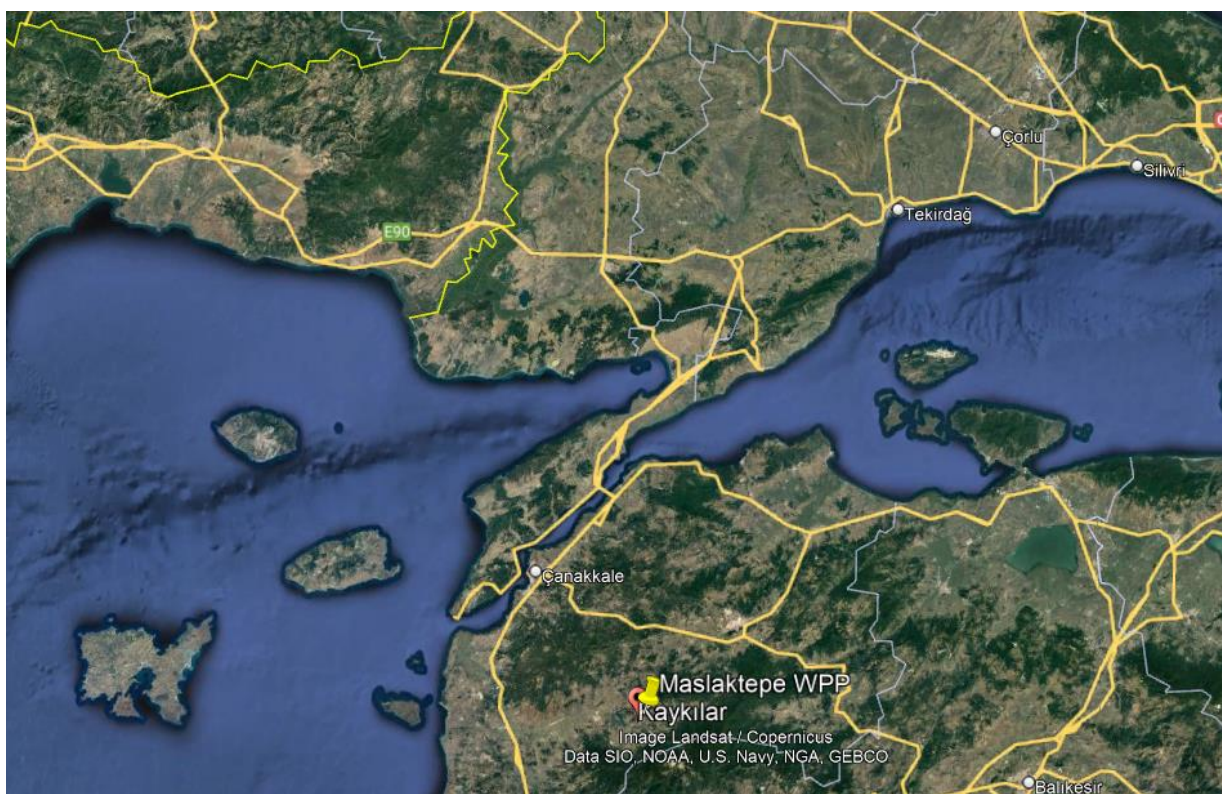
**SDG 13 – Climate Action:** The project helps to reduce CO2 emissions by producing clean renewable energy. Thus, it contributes SDG Target 13.3 “Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning”.

For the calculation of the emission reductions of the project activity, “Tool to calculate the emission factor of an electricity system” Version 07.0.0. is taken into consideration.

## A.2. Location of the Project Activity

The Maslaktepe WPP is located in Yenice and Kaykılar Villages within the borders of Bayramiç Town of Çanakkale Province, in the Marmara Region of Turkey.

Physical address	Address and geodetic coordinates of the physical site of the Project Activity		
	No	Latitude (North)	Longitude (East)
Çanakkale Province, Bayramiç Town, Yenice and Kaykılar Villages	T1	4413229,96	472925,52
	T2	4412874,40	473177,40
	T3	4412411,43	474009,14
	T4	4411625,73	474860,67
	T5	4411619,09	475703,26
	T6	4411664,52	476274,99
	T7	4412098,80	476877,33
	T8	4411830,31	477232,79
	T9	4410881,47	476255,00
	T10	4410908,28	477006,84
	T11	4410936,15	477788,69



**Figure 1. Location of Maslaktepe WPP**

### A.3. Technologies/measures

The Project Scenario entails the installation of six Nordex N131 turbines, each of them having a capacity of 3.9 MWm/3.9 MWe and eight Nordex N149 turbines, each of them having a capacity of 5.9 MWm/5.625 MWe. The project activity involves 11 turbines in total. The turbines are 3 bladed with a horizontal axis. The turbine blades have the ability to change angles according to wind direction. Turbines are connected to the Sütluçe Basin Transformer Station via Malkara Transformer Station with a 5 km, 154 kV electricity transmission line to the Turkish National Grid. The metering has been done at Sütluçe Basin substation before electricity is fed into the grid.

Table 1 - Key technical specifications of wind turbines<sup>14</sup>

Parameter	Values	
Brand	Nordex Energy GmbH	Nordex Energy GmbH
Model	Nordex N131 - 3900 Delta	Nordex N149 /4000 Delta

<sup>14</sup> Ministry Acceptance Protocol (page 5-6)

Number of units	6	5
Rated power of a unit	3.9 MWm/3.9 MWe	5.9 MWm/5.625 MWe
Rotor diameter	131 m	149.1 m
Cut-off wind speed	20 m/s	26 m/s
Number of blades	3	3
Hub Height	120 m	105 m

The measurements will be performed by two measuring devices, which are the main (primary) measuring device and the backup (secondary) measuring device. The measuring frequency of both devices is continuous. The meters are placed at the Powerhouse.

The baseline scenario has been defined as the generation of the same amount of electricity by the national grid which is dominated by thermal power plants. The main emission source of electricity generation in fossil fuel fired power plants that are connected to Turkish National Grid is CO<sub>2</sub> as in baseline scenario. Compared to that baseline scenario, the project activity has positive influences on sustainable development in Turkey.

The project activity utilizes long-term potential of wind energy, efficient technology to reduce GHG emissions as well as to diversifying and increasing security of the local energy supply and contributing to a sustainable development. The project contributes to technology and know-how transfer from Germany since the electricity generation technologies in Turkey are currently dominated by fossil fuel power plants.

#### A.4. Project Owner(s)

Location/ Country	Project Owner(s)	Where applicable <sup>15</sup> , indicate if the host country has provided approval (Yes/No)
Turkey	Eni Enerji İnşaat Taahhüt Ticaret ve Sanayi A.Ş.	Not Applicable

#### A.5. Declaration of intended use of Approved Carbon Credits (ACCs) generated by the Project Activity

The Project Activity is expected to generate ACCs for a full 10-year crediting period and supply the credits to offset the following GHG emissions:

Period		Name of the Entities	Purpose and Quantity of ACCs to be supplied
From	To		
03/10/2019	02/10/2019	CORSIA	1,201,839

<sup>15</sup> For example, *Project Coordination Form* is to be filled-in by Project Owners for projects located in Qatar. A written attestation from the host country's national focal point or the focal point's designee, as required by CORSIA (Refer section A.5 of the PSF guidelines).



The project owner confirms that the ACC's generated from the project will not be double counting in any other mechanism like ETS. According to Clarification No. 01, under section 7 and paragraph 28, the project owner confirms that the project is not included/covered in any emission trading system and therefore emission reductions will not be subject to double accounting since the ACCs of the project are issued only by GCC Program.

#### **A.6. Additional requirements for CORSIA**

Please see Section E and F.

### **Section B. Application of selected methodology(ies)**

#### **B.1. Reference to methodology(ies) and tools applied in the project**

Methodology: ACM0002: Grid-connected electricity generation from renewable, Version 21.0

ACM0002 refers to:

- Tool 01 - Tool for the demonstration and assessment of additionality, Version 07.0.0<sup>16</sup>
- Tool 07 - Tool to calculate the emission factor for an electricity system, Version 07.0<sup>17</sup>
- Tool 24 - Common practice, Version 03.1<sup>18</sup>
- Tool 27 - Investment analysis, Version 11.0<sup>19</sup>
- Tool 10 - Tool to determine the remaining lifetime of equipment, Version 01

#### **B.2. Applicability of methodology(ies) and tools applied in the project**

The methodology ACM0002: Grid-connected electricity generation from renewable sources is applicable to grid-connected renewable power generation project activities that a) install a Greenfield power plant; b) involve a capacity addition to (an) existing plant(s); c) involve a retrofit of (an) existing operating plants/units; d) involve a rehabilitation of (an) existing plant(s)/unit(s); or e) involve a replacement of (an) existing plant(s)/unit(s).

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<sup>16</sup> <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-01-v7.0.0.pdf>

<sup>17</sup> <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-07-v7.0.pdf>

<sup>18</sup> <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-24-v1.pdf>

<sup>19</sup> <https://cdm.unfccc.int/methodologies/PAmethodologies/tools/am-tool-27-v11.0.pdf>

The choice of methodology ACM0002 Version 21.0 is justified as the proposed project activity meets relevant applicability criteria:

- The project is installation of a new power plant at a site where there was no renewable energy power plant operating prior to the implementation of the project activity.
- The project is wind power plant.
- The project does not involve switching from fossil fuels to renewable energy sources and is not a biomass fired power plant.
- The project does not involve retrofits, rehabilitations, replacements, and it's not a capacity addition.

Table 2 - Applicability of ACM0002

<b>Applicability Criteria</b>	<b>Justification</b>
<p>This methodology is applicable to grid-connected renewable energy power generation project activities that:</p> <ul style="list-style-type: none"> <li>(a) Install a Greenfield power plant;</li> <li>(b) Involve a capacity addition to (an) existing plant(s);</li> <li>(c) Involve a retrofit of (an) existing operating plants/units;</li> <li>(d) Involve a rehabilitation of (an) existing plant(s)/unit(s); or</li> <li>(e) Involve a replacement of (an) existing plant(s)/unit(s)</li> </ul>	<p>The project is installation of a new power plant at a site where there was no renewable energy power plant operating prior to the implementation of the project activity.</p>
<p>The methodology is applicable under the following conditions:</p> <ul style="list-style-type: none"> <li>(a) The project activity may include renewable energy power plant/unit of one of the following types: hydro power plant/unit with or without reservoir, wind power plant/unit, geothermal power plant/unit, solar power plant/unit, wave power plant/unit or tidal power plant/unit;</li> <li>(b) (b) In the case of capacity additions, retrofits, rehabilitations or replacements (except for wind, solar, wave or tidal power capacity addition projects) the existing plant/unit started commercial operation prior to the start of a minimum historical reference period of five years, used for the calculation of baseline emissions and defined in the baseline emission section, and no capacity expansion, retrofit, or rehabilitation of the plant/unit has been undertaken between the start of this minimum</li> </ul>	<p>The project is a wind power plant.</p>

<p>historical reference period and the implementation of the project activity.</p>	
<p>In case of hydro power plants, one of the following conditions shall apply:</p> <p>(a) The project activity is implemented in existing single or multiple reservoirs, with no change in the volume of any of the reservoirs; or</p> <p>(b) The project activity is implemented in existing single or multiple reservoirs, where the volume of the reservoir(s) is increased and the power density, calculated using equation (3), is greater than 4 W/m<sup>2</sup>; or</p> <p>(c) The project activity results in new single or multiple reservoirs and the power density, calculated using equation (3), is greater than 4 W/m<sup>2</sup>.</p> <p>(d) The project activity is an integrated hydro power project involving multiple reservoirs, where the power density for any of the reservoirs, calculated using equation (7), is lower than or equal to 4 W/m<sup>2</sup>, all of the following conditions shall apply:</p> <p>(i) The power density calculated using the total installed capacity of the integrated project, as per equation (8), is greater than 4 W/m<sup>2</sup> ; (ii) Water flow between reservoirs is not used by any other hydropower unit which is not a part of the project activity; (iii) Installed capacity of the power plant(s) with power density lower than or equal to 4 W/m<sup>2</sup> shall be: a. Lower than or equal to 15 MW; and b. Less than 10 per cent of the total installed capacity of integrated hydro power project.</p>	<p>The project is not a hydro power plant.</p>
<p>The methodology is not applicable to:</p> <p>(a) Project activities that involve switching from fossil fuels to renewable energy sources at the site of the project activity, since in this case the baseline may be the continued use of fossil fuels at the site; (b) Biomass fired power plants/units.</p>	<p>The project does not involve switching from fossil fuels to renewable energy sources and is not a biomass fired power plant.</p>
<p>In the case of retrofits, rehabilitations, replacements, or capacity additions, this methodology is only applicable if the most plausible baseline scenario, as a result of the identification of baseline scenario, is “the continuation of</p>	<p>The project does not involve retrofits, rehabilitations, replacements, and it’s not a capacity addition.</p>

the current situation, that is to use the power generation equipment that was already in use prior to the implementation of the project activity and undertaking business as usual maintenance”.

### B.3. Project boundary, sources and greenhouse gases (GHGs)

The project boundary encompasses the physical, geographical site of the renewable generation source. The wind power plant with all installation is the project boundary.

As the electricity generated by the project displaces the electricity generated by Turkish National Grid, the baseline boundary is defined as the Turkish National Grid. This includes the project site and all power plants connected physically to the national grid and excludes the off-grid power plants. Please see the diagram below:

The figure below provides an overview of the emissions sources included or excluded from the project boundary for determination of baseline and project emissions.

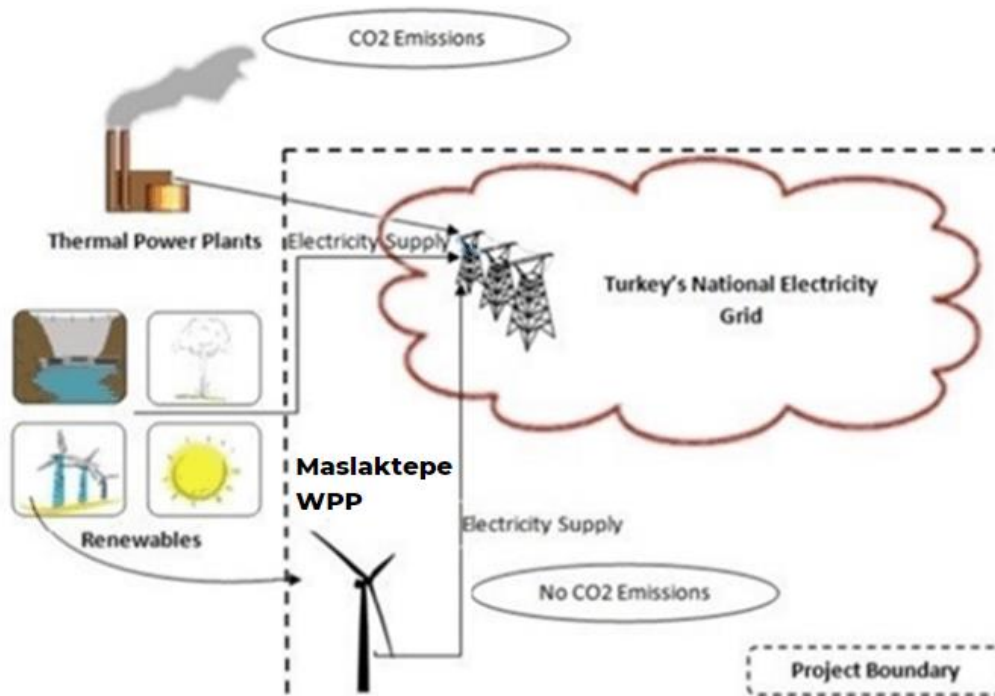


Figure 2. Project Boundary

The table below provides an overview of the emissions sources included or excluded from the project boundary for determination of baseline and project emissions.

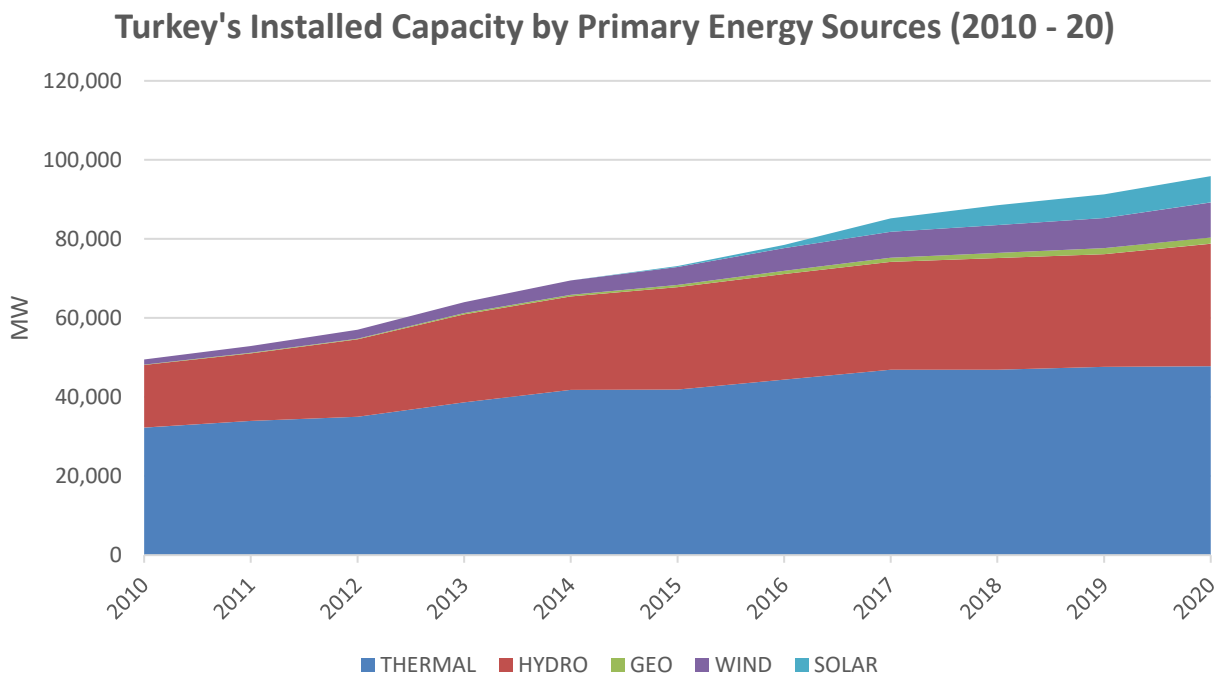
	Source	GHG	Included?	Justification/Explanation
Baseline	CO <sub>2</sub> emissions from electricity generation in fossil fuel fired power plants that are displaced due to the project activity.	CO <sub>2</sub>	Yes	Main source. The dominant emissions from power plants are in the form of CO <sub>2</sub> , therefore CO <sub>2</sub> emissions from fossil fuel fired power plants connected to the grid will be accounted for in baseline calculations.
		CH <sub>4</sub>	No	Minor
		N <sub>2</sub> O	No	Minor
Project Activity	Emissions as a result of Project Activity	CO <sub>2</sub>	No	Not applicable
		CH <sub>4</sub>	No	Not applicable
		N <sub>2</sub> O	No	Not applicable

#### B.4. Establishment and description of the baseline scenario

According to ACM0002 (Version 21.0), if the project activity is the installation of a new grid-connected renewable power plant, the baseline scenario is the electricity delivered to the grid by the project activity that otherwise would have been generated by the operation of grid-connected power plants and by the addition of new generation sources.

As it may be seen in Figure 3., the development of Turkey's installed capacity by primary energy resources between the years, 2010-2020<sup>20</sup>, the electricity generation has mainly been done by fossil fuel fired power plants in Turkey. Total Installed electricity generation capacity in Turkey has reached 95,891 megawatts (MW) as of 2020. As having a share of 32%, hydro power projects have an installed capacity of 30,984 MW.

<sup>20</sup> <https://www.teias.gov.tr/tr-TR/turkiye-elektrik-uretim-iletim-istatistikleri>



**Figure 3. The development of Turkey’s installed capacity by primary energy resources, 2010-2020**

Table-3 shows the comparison of renewable electricity generation share in Turkey total electricity generation and the distribution of the renewable energy resources within this share between the years of 2010 and 2020. It’s obvious that the renewable electricity generation has increased 130% during this period. Hydro has still the biggest share with 60.8%, whereas solar and wind have the portions of %8.5 and 19.3%, respectively. Geothermal and biomass have the smallest portions with 7.8% and 3.5%, respectively.

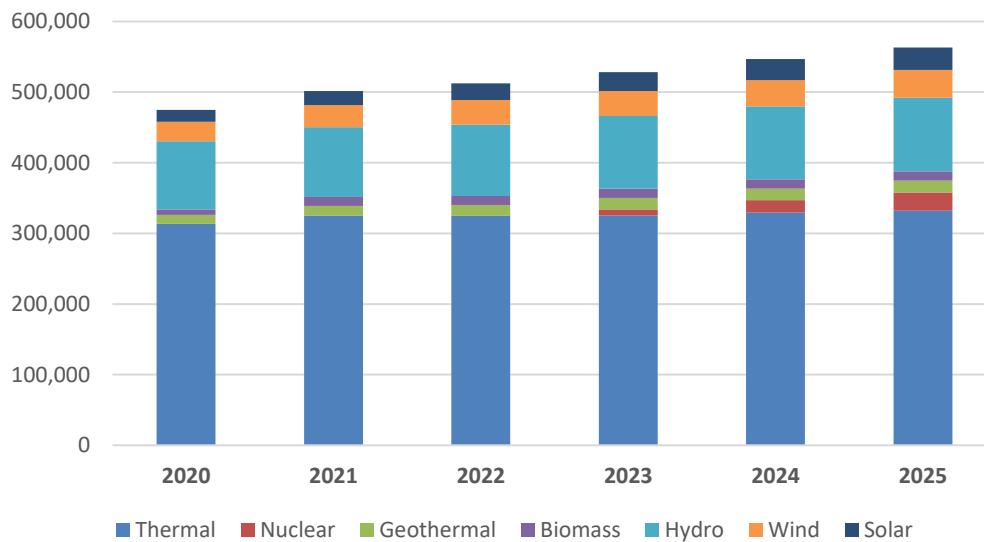
Table 3 - Comparison of Renewable Electricity Generation Share In Turkey Total Electricity Generation, 2010-2020

<b>Years</b>	<b>Hydro</b>	<b>Geo</b>	<b>Wind</b>	<b>Solar</b>	<b>Biomass</b>	<b>Renewable Share(%)</b>
<b>2010</b>	92,9%	1,2%	5,2%	0,0%	0,6%	26,4%
<b>2020</b>	60,8%	7,8%	19,3%	8,5%	3,5%	41,9%

In reference to 5-year capacity projection<sup>21</sup>, it is clear that fossil fuels will remain the main sources

<sup>21</sup> <https://webapi.teias.gov.tr/file/b965cb45-e01b-483a-8c91-3f7f5f2fe5d0?download>

for electricity generation through until 2025. According to TEİAS’s most up-to-date projection fossil fuels will continue to dominate the market. In 2025, hydro will account for 18% of the mix whereas all non-hydro renewable combined (geothermal/ biomass/ solar/ wind) will only account for 18% of all electricity generation capacity. This projection is consistent with continuing fossil fuel dependent characteristics of Turkish electricity sector.



**Figure 4. 5-year capacity projection**

The latest updated data for Operating, Build and Combined Margin Emission Factors have been published by the Ministry of Energy and Natural resources on 06.10.2021. The Ministry has calculated the factors as using the “Tool to calculate the emission factor for an electricity system Version 06.0”. Since it’s the latest available data, published by the Ministry, these factors have been considered.

### B.5. Demonstration of additionality

For the demonstration of additionality, “Tool to for the Demonstration and Assessment of Additionality Version 7.0.0” has been applied to the project

#### Step 1- Identification of alternatives to the project activity consistent with current laws and regulations

##### Sub-step 1a: Define alternatives to the project activity:

The project owner is a well-known company in the power sector and active in generation, wholesale and trading and distribution of electricity. The alternatives are defined related to the investor as per footnote 7 of the version 7.0.0 of the additionality tool:

- 1) The project activity taken without ACR: The investment is not financially attractive and comprises potential risks as described below. Therefore, this alternative is not realistic.
- 2) Building a new power plant utilizing other renewable resource: The Electricity Market License Regulation gives priority to local resources with low environmental impact to generate electricity and therefore other renewable resources are considered as alternatives to the proposed project.
- 3) No activity: In case no project activity is taken, the same amount of electricity will be generated by the existing grid to supply the increasing demand of the country. This alternative is the same as baseline scenario, which is described above as electricity delivered to the grid by the project activity would have otherwise been generated by the operation of grid-connected power plants and by the addition of new generation sources.

Outcome of Step 1a) The only realistic and credible scenario is that the same amount of electricity will be generated by the existing grid, which is the same as baseline scenario.

**Sub-step 1b: Consistency with mandatory laws and regulations:**

All alternatives to the project activity are in compliance with the existing laws and regulations which are described below in Table - 4:

Relevant Laws	Number/ Enactment Date	Aim and Scope
Environmental Law <sup>22</sup>	Nr. 2872 / 11/08/1983	The approval is requested for power plants from Ministry of Environment and Forest as Electricity License Regulation requests project to be in line with the environmental law.
Electricity Market Law <sup>23</sup>	Nr. 4628 / 03/03/2001	Regulating procedures of electricity generation, transmission, distribution, wholesale, retail for legal entities. Two regulations issued under the law; one for generation licence and the other for market price balancing and conciliation.

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<sup>22</sup> <https://www.mevzuat.gov.tr/MevzuatMetin/1.5.2872.pdf>

<sup>23</sup> <https://www.mevzuat.gov.tr/MevzuatMetin/1.5.4628.pdf>



Law on Utilization of Renewable Energy Resources for the Purpose of Generating Electrical Energy <sup>24</sup>	Nr. 5346 / 18/05/2005	Aims to extend the utilization of renewable energy for electricity generation and identifies method and principles for power generation from renewable resources in an economical and conservative manner as well as certification of the electricity generated from renewable resources.
Energy Efficiency Law <sup>25</sup>	Nr. 5627 / 02/05/2007	Identifies method and principles for industry, power plants, residential buildings and transport to imply necessary measures for energy efficiency during electricity generation, transmission, distribution and consumption.

Outcome of Step1b: The only realistic scenario is the supply of same amount of electricity from the existing grid, which is in compliance with the laws and regulations.

## Step 2 - Investment analysis

The investment analysis below aims to show that “the project activity is not (a) the most economically and financially attractive”.

### Sub-step 2a - Determine appropriate analysis method

There are three options for investment analysis method:

- Simple Cost Analysis
- Investment Comparison Analysis and
- Benchmark Analysis

As the project gains revenue from the sale of generated electricity, Simple Cost Analysis is not applicable. Investment Comparison Analysis is also not applicable as no alternative investment is point at issue. Therefore, Benchmark Analysis will be used for the evaluation of the project investment.

### Sub-step 2b - Option III-Apply benchmark analysis

For the purpose of benchmark analysis Project IRR before tax has been chosen as the indicator.

There are no available benchmarks for wind power plant projects in Turkey. The credibility of a particular project is evaluated on the basis of several factors including cost recovery period, risk of postponed commissioning and credibility of the project owner.

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<sup>24</sup> <https://www.mevzuat.gov.tr/MevzuatMetin/1.5346.pdf>

<sup>25</sup> <https://www.resmigazete.gov.tr/eskiler/2007/05/20070502-2.htm>

## Local Commercial Lending Rates

As the tool implies local commercial lending rate is appropriate benchmarks for a project IRR, therefore it could be chosen as a benchmark.

The lending rates for medium term investments are provided by Turkish Development Bank (TKB) to State Planning Organization.

State Planning Organization publishes “Main Economic Indicators” on a monthly basis. The lending rates for January-October 2018 have been given in Table-5.

. The lending rates for January-October 2018 have been given in Table - 5.

Table 5 - Loan Interest rates for medium term investment loans<sup>26</sup>

Turkish Development Bank (TKB) Interest rates for credits		
Date	Month	Medium Term Investment Rate (%)
2018	10	26.3

The investment decision was taken in October 2018. Therefore, the interest rate for October is 26.3% which reflects the banker’s expectations for a similar investment.

## Sub-step 2c - Calculation and comparison of financial indicators

The following table summarizes the financial figures for the project operation:

Table 6 - Summary of financial data

Parameter used for financial analysis	Unit	Value	Source
Expected Electricity Generation	MWh/year	185,362	Generation License
Total Investment	USD	42,262,013	IRR Spreadsheet
Operational Cost	USD/year	408,205	IRR Spreadsheet
Revenues	USD/year	10,668,375	IRR Spreadsheet
Electricity tariff	USD(MWh	2019 - 2024 94	Tarif Regulation for renewables:

<sup>26</sup> Lending And Deposit Interest Rates by Development Investment Bank of Turkey ([https://www.sbb.gov.tr/wp-content/uploads/2020/07/13-faiz\\_orani-1.xls](https://www.sbb.gov.tr/wp-content/uploads/2020/07/13-faiz_orani-1.xls))

		2025 - 2029 70 After 2029 6	<ul style="list-style-type: none"> <li>• <a href="https://mevzuat.gov.tr/MevzuatMetin/1.5.5346.pdf">https://mevzuat.gov.tr/MevzuatMetin/1.5.5346.pdf</a></li> <li>• <a href="https://seffaflik.epias.com.tr/transparency/piyasalar/gop/ptf.xhtml">https://seffaflik.epias.com.tr/transparency/piyasalar/gop/ptf.xhtml</a></li> </ul>
Depreciation Period	year	10	Depreciated economic assets, Turkish Revenue Administration
Income Tax Rate	%	20	Tax Regulation for 2016 (Summary list of Ernst & Young has been used)
Technical Lifetime	year	25	Default values indicated in "Tool to determine the remaining lifetime of equipment" (Version 01)

The Internal Rate of Return (IRR) for the project is calculated as 15.89% without the ER revenue.

The revenue acquired from the operation of the power plant is not financially attractive to do the investment. Therefore, it is contended that the ACC revenues are required to make the project more financially attractive.

### Sub-step 2d - Sensitivity analysis

The sensitivity analysis is applied in order to show that investment decision is not the most attractive alternative financially.

- Investment Cost
- Operating Cost
- Electricity Sales revenue

For a range of  $\pm 10\%$  fluctuations in parameters above as advised in "Tool for the demonstration and assessment of additionality", Table-7 below has been obtained.

Table 7 - Sensitivity analysis for the project IRR

IRR w/o carbon	-10%	-5%	5%	10%
Investment Cost	17.66 %	16.74 %	15.12 %	14.40 %
Operational Cost	15.97 %	15.93 %	15.85 %	15.82 %
Electricity Revenue	13.98 %	14.95 %	16.83 %	17.75 %

The project IRR becomes 17.75 % with a 10% rise in sales of electricity and 17.66 % with a 10% decrease in investment costs. As a result, the project could be competitive either a rise in price

of electricity occurs or the investment cost decrease.

The investment cost is not likely to decrease as it is fixed with the contract. On the other hand, the cost may increase due to the unexpected expenses, i.e., contingency, faced by the project. Still, the sensitivity analysis has been carried out within the range (-10%)-(10%) deviation. In addition, the operational cost is fixed by the contract based on electricity generation; therefore, change in the operational cost is not expected. In conclusion, the above benchmark and accompanying sensitivity analyses reveal the fact that no alternative scenario, with or without ACC revenues, can make the project pass the benchmark IRR expectation. Therefore, the project is not financially attractive without ACC revenues.

### **Step 3: Barrier analysis**

This step is not implemented for the project.

### **Step 4: Common practice analysis**

#### ***Sub-step 4a. Analyze other activities similar to the proposed project activity***

According to the requirements of common practice:

Projects are considered similar if they are in the same country/region and rely on a broadly same technology, are of similar scale and take place in a comparable environment with respect to regulatory framework, investment climate, access to technology, access to financing.

According to latest statistics published EMRA, there are 22 wind power projects started commercial operation before the project design document before the start date of the project activity.

#### **Step 1: Calculate applicable capacity or output range as +/- 50% of the total design capacity or output of the proposed project activity:**

Since the installed capacity is 52.90 MWe, the total capacity of power plants which will be included in the analysis will be between 26.45 MWe – 79.35 MWe.

#### **Step 2: Identify similar projects (both CDM and non-CDM) which fulfill all of the following conditions:**

- a) The projects located in applicable geographic area,
- b) The projects apply the same measure as the proposed project activity,
- c) The projects use the same energy source/fuel and feedstock as the proposed project activity, if a technology switch measure is implemented by the proposed project activity,
- d) The plants in which the projects are implemented produce goods or services with comparable quality, properties, and applications areas as the proposed project plant,
- e) The capacity or output of the projects is within the applicable capacity or output

- range calculated in Step 1,
- f) The projects started commercial operation before the project design document is published for global stakeholder consultation or before the start date of the proposed project activity, whichever is earlier for the proposed project activity.

Regarding the conditions:

- Applicable geographical area has been selected as Turkey.
- Wind energy projects have been selected regarding the same energy source type of projects.
- The selected plants deliver the same service (electricity generation).

Applicable output range has been determined from Electricity Production License Database by EMRA for 2019 which is the latest available year before the start date of the project activity.

Table 8 - Operational Wind Energy Power Plants Within the Scope of Common Practice

Project	Installed Capacity (MW)
Atik RES	31.55
Kürek Dağı RES	18.0
Manastır-Esenköy RES	32.5
Kırkağaç RES	30.45
Petkim RES	45.00
Poyraz RES	38.00
Şile RES	30.00
Mersinli RES	50.00
Güllük RES	55.00
Gökres-2 RES	0.00
Hacı Bey RES	35.00
Yeni RES	11.13
Havza RES	1.20
Bağarası RES	48.0
Poyrazgölü RES	46.0
Bafa RES	42.0
Kirazlı RES	35.0
Kandıra RES	50.0
Meryem RES	49.0
Datça RES	30.0
Poyraz RES	41.6

**Step 3: Within the projects identified in Step 2, identify those that are neither registered CDM project activities, project activities submitted for registration, nor project activities undergoing validation. Note their number**

When projects registered as carbon reduction projects and projects under validation are excluded, the new list entails 9 projects which are using renewable energy as a source. Satisfying the steps 2 and 3,  $N_{all}$  is 9.

**Step 4: Within similar projects identified in Step 3, identify those that apply technologies that are different to the technology applied in the proposed project activity. Note their number  $N_{diff}$ .**

There is no different to the technology applied in the proposed project activity.  $N_{diff}=6$

**Step 5: calculate factor  $F=1-N_{diff}/N_{all}$  representing the share of similar projects (penetration rate of the measure/technology) using a measure/technology similar to the measure/technology used in the proposed project activity that deliver the same output or capacity as the proposed project activity**

- $F = 1 - 6/9 = 0.33$

- $N_{all} - N_{diff} = 9 - 6 = 3$

Since the proposed project activity would be common practice only both of the following conditions apply.

$$F > 0.2 \text{ and } N_{all} - N_{diff} > 3$$

Outcome of Step 5:

Since  $F = 0.33$  and  $N_{all} - N_{diff} = 3$  the project activity is **not common practice and therefore the project is additional**.

## B.6. Estimation of emission reductions

### B.6.1. Explanation of methodological choices

Operating, Build and Combined Margin Emission Factors have been published by the Ministry of Energy and Natural resources. The Ministry has calculated the factors as using the “Tool to calculate the emission factor for an electricity system”. Since it’s the latest available data, published by the ministry, these factors have been considered.

### Calculation of the Operating Margin Emission Factor

It's been published as 0.7258 tCO<sub>2</sub>/MWh by the Ministry of Energy and Natural Resources.<sup>27</sup>

### Calculation of the Build Margin Emission Factor

It's been published as 0.4153 tCO<sub>2</sub>/MWh by the Ministry of Energy and Natural Resources.<sup>28</sup>

### Calculating of the Combined Margin Emission Factor

It's been published as 0.6482 tCO<sub>2</sub>/MWh by the Ministry of Energy and Natural Resources issued on 06/10/2021.<sup>29</sup>

The combined margin is calculated ex-post and has been fixed for the crediting period.

### Baseline Emission:

In accordance with ACM0002 (Version 21.0), the baseline emissions are calculated as the net electricity generated by the project activity, multiplied with the baseline emission factor of the project grid.

$$BE_y = EG_{PJ,y} \times EF_{grid,y} \quad \text{Equation (1)}$$

where:

**$BE_y$**  = Baseline Emissions in year y (tCO<sub>2</sub>)

**$EG_{PJ,y}$**  = Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the CDM project activity in year y (MWh)

**$EF_{grid,y}$**  = Combined margin CO<sub>2</sub> emission factor for grid connected power generation in year y calculated using the latest version of the "Tool to calculate the emission factor for an electricity system"(tCO<sub>2</sub>/MWh)

The net electricity is measured continuously by a power meter at the grid interface and recorded monthly. EPIAS records are the source of the exact electricity generation of the project and the imports from the grid. The quantity of net electricity delivered to the grid is cross checked with the

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<sup>27</sup> [https://enerji.enerji.gov.tr/Media/Dizin/BHIM/tr/Duyurular/Bilgi\\_Formu\\_Web\\_Sitesi\\_2019\\_202110071443.pdf](https://enerji.enerji.gov.tr/Media/Dizin/BHIM/tr/Duyurular/Bilgi_Formu_Web_Sitesi_2019_202110071443.pdf)

<sup>28</sup> [https://enerji.enerji.gov.tr/Media/Dizin/BHIM/tr/Duyurular/Bilgi\\_Formu\\_Web\\_Sitesi\\_2019\\_202110071443.pdf](https://enerji.enerji.gov.tr/Media/Dizin/BHIM/tr/Duyurular/Bilgi_Formu_Web_Sitesi_2019_202110071443.pdf)

<sup>29</sup> [https://enerji.enerji.gov.tr/Media/Dizin/BHIM/tr/Duyurular/Bilgi\\_Formu\\_Web\\_Sitesi\\_2019\\_202110071443.pdf](https://enerji.enerji.gov.tr/Media/Dizin/BHIM/tr/Duyurular/Bilgi_Formu_Web_Sitesi_2019_202110071443.pdf)

meter reading records (OSF forms-OSOS) which are provided to the company by TEIAS.

$$\begin{array}{rcl} \text{Net electricity generation} & & \text{Electricity} \\ \text{supplied by the project} & = & \text{supplied to the} \\ \text{plant to the grid [MWh]} & & \text{grid [MWh]} \end{array} - \begin{array}{l} \text{Electricity} \\ \text{consumption} \\ \text{from the grid [MWh]} \end{array}$$

### Project Emissions

Since the project activity is a wind power plant project, in accordance with the ACM0002 (Version 21.0),

$$PE_y = 0.$$

### Leakage

In accordance with the ACM0002 (Version 21.0), leakage is taken as zero since the project is a new power plant is taken as zero,

$$LE_y = 0.$$

### Emission Reductions

According to ACM0002 methodology, emission reductions related to project activities is estimated as follows:

$$ER_y = BE_y - PE_y - LE_y \quad \text{Equation (2)}$$

where:

$ER_y$  = Emission reductions in year y (tCO<sub>2</sub>/yr)

$BE_y$  = Baseline emissions in year y (tCO<sub>2</sub>/yr)

$PE_y$  = Project emissions in year y (tCO<sub>2</sub>/yr)

$LE_y$  = Leakage emissions in year y (tCO<sub>2</sub>/yr)



## B.6.2. Data and parameters fixed ex ante

**Data / Parameter Table 1.**

<b>Data / Parameter:</b>	<b>EF<sub>grid, CM, y</sub></b>
Methodology reference	ACM0002, Version 21.0
Data unit	tCO <sub>2</sub> /MWh
Description	Emission factor of the Turkish grid determined ex-ante. It's been published by the Ministry of Energy for 2019 on 06/10/2021.
Measured/calculated /default	Calculated
Data source	Ministry of Energy and Natural Resources 2019 <a href="https://enerji.enerji.gov.tr/Media/Dizin/BHIM/tr/Duyurular//Bilgi_Formu_Web_Sitesi_2019_202110071443.pdf">https://enerji.enerji.gov.tr/Media/Dizin/BHIM/tr/Duyurular//Bilgi_Formu_Web_Sitesi_2019_202110071443.pdf</a>
Value(s) of monitored parameter	0.6482
Measurement/ Monitoring equipment (if applicable)	N/A
Calculation method (if applicable)	-
QA/QC procedures	Official data
Purpose of data	Calculation of the baseline emissions-to demonstrate contribution to SDG Target 13.3.: Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning
Additional comments	-

## B.6.3. Ex-ante calculation of emission reductions

### Baseline Emissions

In accordance with ACM0002, the baseline emissions are calculated as the net electricity generated by the project activity, multiplied with the baseline emission factor of the project grid.

$$BE_y = EG_{PJ,y} \times EF_{grid,y} \quad \text{Equation (1)}$$

where:

$BE_y$  = Baseline Emissions in year y (tCO<sub>2</sub>e)

$EG_{PJ,y}$  = Quantity of net electricity generation that is produced and fed into the grid as a result of the implementation of the CDM project activity in year y (MWh)

$EF_{grid,y}$  = Combined margin CO<sub>2</sub> emission factor for grid connected power generation in year y calculated using the latest version of the “Tool to calculate the emission factor for an electricity system” (tCO<sub>2</sub>/MWh)

$$BE_y = 185,362 \times 0.6482$$

$$= 120,151 \text{ tCO}_2$$

The net electricity is measured continuously by a power meter at the grid interface and recorded monthly. EPIAS records are the source of the exact electricity generation of the project and the imports from the grid. The quantity of net electricity delivered to the grid is cross checked with the meter reading records (OSF forms-OSOS) which are provided to the company by TEIAS.

$$\begin{array}{l} \text{Net electricity generation} \\ \text{supplied by the project} \\ \text{plant to the grid [MWh]} \end{array} = \begin{array}{l} \text{Electricity} \\ \text{supplied to the} \\ \text{grid [MWh]} \end{array} - \begin{array}{l} \text{Electricity} \\ \text{consumption} \\ \text{from the grid [MWh]} \end{array}$$

### Project Emissions

Since the project activity is a wind power plant project, in accordance with the ACM0002 (Version 21.0),

$$PE_y = 0.$$

## Leakage

In accordance with the ACM0002 (Version 21.0), leakage is taken as zero since the project is a new power plant is taken as zero,

$$LE_y = 0.$$

## Emission Reductions

$$ER_y = BE_y - PE_y - LE_y \quad \text{Equation (2)}$$

$$ER_y = 120,151 - 0 - 0$$

$$ER_y = 120,151 \text{ tCO}_2$$

### B.6.4. Summary of ex ante estimates of emission reductions

Year	Baseline emissions (t CO <sub>2</sub> e)	Project emissions (t CO <sub>2</sub> e)	Leakage (t CO <sub>2</sub> e)	Emission reductions (t CO <sub>2</sub> e)
2019 (03.10.2019 - 31.12.2019)	29,626	0	0	29,626
2020	120,151	0	0	120,151
2021	120,151	0	0	120,151
2022	120,151	0	0	120,151
2023	120,151	0	0	120,151
2024	120,151	0	0	120,151
2025	120,151	0	0	120,151
2026	120,151	0	0	120,151
2027	120,151	0	0	120,151
2028	120,151	0	0	120,151
2029 (01.01.2029 - 02.10.2029)	90,854	0	0	90,854
<b>Total</b>	1,201,839	0	0	1,201,839
<b>Total number of crediting years</b>	10			
<b>Annual average over the crediting period</b>	120,151	0	0	120,151

## B.7. Monitoring plan

### B.7.1. Data and parameters to be monitored ex-post

**Data / Parameter Table 1.**

<b>Data / Parameter:</b>	<b>EG<sub>PJ, grid, y</sub> (SDG7)</b>																										
Methodology reference	ACM0002, Version 21.0																										
Data unit	MWh																										
Description	Net Electricity generated and delivered to the grid by the power plant in year y																										
Measured/calculated /default	Measured																										
Data source	Electricity meter readings on-site																										
Value(s) of monitored parameter applied with basis	Annual electricity generation is 185,362 MWh as indicated in generation license.																										
Measurement/ Monitoring equipment	<table border="1"> <thead> <tr> <th><b>Maslaktepe WPP</b></th> <th><b>Main Meter</b></th> <th><b>Spare Meter</b></th> </tr> </thead> <tbody> <tr> <td>Brand of meter</td> <td>EMH</td> <td>EMH</td> </tr> <tr> <td>Type of meter</td> <td>LZQJ-XC</td> <td>LZQJ-XC</td> </tr> <tr> <td>Location of meter</td> <td>At powerhouse</td> <td>At powerhouse</td> </tr> <tr> <td>Accuracy of meter</td> <td>-</td> <td>-</td> </tr> <tr> <td>Serial number of meters</td> <td>8500894</td> <td>8500895</td> </tr> <tr> <td>Calibration frequency</td> <td>Every 10 year</td> <td>Every 10 year</td> </tr> <tr> <td>Calibration Status</td> <td>Calibrated</td> <td>Calibrated</td> </tr> </tbody> </table>			<b>Maslaktepe WPP</b>	<b>Main Meter</b>	<b>Spare Meter</b>	Brand of meter	EMH	EMH	Type of meter	LZQJ-XC	LZQJ-XC	Location of meter	At powerhouse	At powerhouse	Accuracy of meter	-	-	Serial number of meters	8500894	8500895	Calibration frequency	Every 10 year	Every 10 year	Calibration Status	Calibrated	Calibrated
<b>Maslaktepe WPP</b>	<b>Main Meter</b>	<b>Spare Meter</b>																									
Brand of meter	EMH	EMH																									
Type of meter	LZQJ-XC	LZQJ-XC																									
Location of meter	At powerhouse	At powerhouse																									
Accuracy of meter	-	-																									
Serial number of meters	8500894	8500895																									
Calibration frequency	Every 10 year	Every 10 year																									
Calibration Status	Calibrated	Calibrated																									
Frequency of Measuring/reading	Continuous measurement																										
Recording frequency	Monthly																										
Calculation method (if applicable)	The net electricity is measured continuously by a power meter at the grid interface and recorded monthly. EPIAŞ records are the source of the exact electricity generation of the project and the imports from the grid. The quantity of net electricity delivered to the grid is cross checked with the meter reading records (OSF forms-OSOS) which are provided to the company by TEİAŞ.																										
QA/QC procedures	<ul style="list-style-type: none"> <li>• Back-up meters are used for crosschecking the accuracy and all meters are periodically tested.</li> <li>• The metering devices are in line with the technical requirements which are set out by the Communiqué for Metering Devices to be used in the Electricity Market, which describes the minimum accuracy requirement the metering devices have to fulfill, which are categorized according to the installed capacity. The periodical test or maintenance is under the responsibility of</li> </ul>																										

	<p>TEİAŞ. Since TEİAŞ meters are sealed by distribution company the project proponent cannot intervene with the devices.</p> <ul style="list-style-type: none"> <li>The net electricity export/supplied to a grid is the difference between the measured quantities of the grid electricity export and the import.</li> </ul>
Purpose of data	<p>Calculation of emission reductions</p> <p>SDG 7.2. By 2030, increase substantially the share of renewable energy in the global energy mix</p>
Additional comments	-

**Data / Parameter Table 2.**

<b>Data / Parameter:</b>	<b>Number of employments (SDG8)</b>
Methodology reference	GCC Project Sustainability Standard_V3.0.
Data unit	Number
Description	<p>a) Number of people permanently working for the operation of the project</p> <p>b) New short-term jobs (&lt; 1 year) created/ lost</p>
Measured/calculated /default	N/A
Data source	<p>a) Social Security System (SGK) records</p> <p>b) Interview with local people</p>
Value(s) of monitored parameter	<p>a) 14</p> <p>b) N/A</p>
Measurement/ Monitoring equipment	N/A
Measuring/reading/ recording frequency	<p>a) Yearly</p> <p>b) During construction period of the project activity</p>
Calculation method (if applicable)	<p>a) Number of the employees can be seen through the SGK records.</p> <p>b) N/A</p>
QA/QC procedures	<p>a) SGK records for the number of employees are provided during each monitoring period</p> <p>b) N/A</p>
Purpose of data	SDG 8.5. By 2030, achieve full and productive employment and decent work for all women and men, including for young people and persons with disabilities, and equal pay for work of equal value
Additional comments	-

**Data / Parameter Table 3.**

<b>Data / Parameter:</b>	<b>ER/y (SDG13)</b>
Methodology reference	GCC Project Sustainability Standard_V3.0.
Data unit	tCO <sub>2</sub> /y
Description	Emission reductions by the project activity in year y (t CO <sub>2</sub> /yr) In accordance with ACM0002, Version 21.0, baseline emissions include CO <sub>2</sub> from electricity generation in powerplants that are displaced due to the project activity. And baseline emissions correspond to emission reductions and are calculated as the net electricity generated by the project activity, multiplied with combined margin CO <sub>2</sub> emission factor for grid connected power generation in year y.
Measured/calculated/default	Both measured and calculated
Data source	Emission reductions will be calculated as considering the EPIAS records for the net electricity generated and the emission factor for the grid, 0.6482 tCO <sub>2</sub> /MWh, published by the Ministry of Energy
Value(s) of monitored parameter	120,151
Measurement/Monitoring equipment	N/A
Measuring/reading/recording frequency	Yearly
Calculation method (if applicable)	The baseline emissions are the product of electrical energy baseline $EG_{PJ, grid, y}$ expressed in MWh of electricity produced by the renewable generating unit multiplied by an emission factor
QA/QC procedures	Please check section B.7.4 for more detailed description of the monitoring plan.
Purpose of data	Calculation of combined margin CO <sub>2</sub> emission factor and thus the baseline emissions-to demonstrate contribution to SDG Target 13.3.: Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning
Additional comments	-

**Data / Parameter Table 4.**

<b>Data / Parameter:</b>	<b>Generation of Wastewater</b>
Methodology reference	GCC Project Sustainability Standard_V3.0.
Data unit	N/A

Description	Wastewater produced by employees during operation is collected in an impermeable septic tank and later they are periodically transferred to wastewater treatment plant.
Measured/calculated /default	N/A
Data source	Records of transfer of wastewater from power plant by sewage truck
Value(s) of monitored parameter	Transfer of wastewater from power plant by sewage truck
Measurement/ Monitoring equipment	N/A
Measuring/reading/ recording frequency	Yearly
Calculation method (if applicable)	N/A
QA/QC procedures	N/A
Purpose of data	Monitoring the project activity's disposal of generated wastewater
Additional comments	-

**Data / Parameter Table 5.**

<b>Data / Parameter:</b>	<b>Protecting/ enhancing species diversity</b>
Methodology reference	GCC Project Sustainability Standard_V3.0.
Data unit	N/A
Description	Regarding impact on bird and bats carcasses and nests, Ornithology Report was prepared, and it's been reported that no negative impact was considered.
Measured/calculated /default	N/A
Data source	Site personnel observation and interviews with local people
Value(s) of monitored parameter	N/A
Measurement/ Monitoring equipment	N/A
Measuring/reading/ recording frequency	Yearly

Calculation method (if applicable)	N/A
QA/QC procedures	N/A
Purpose of data	Monitoring the project activity's impact on species diversity
Additional comments	-

**Data / Parameter Table 6.**

<b>Data / Parameter:</b>	<b>Job related training imparted or not</b>
Methodology reference	GCC Project Sustainability Standard_V3.0.
Data unit	N/A
Description	Job related and HSE technical trainings are provided to the employees.
Measured/calculated/default	N/A
Data source	Training certificates or training attendance list
Value(s) of monitored parameter	N/A
Measurement/Monitoring equipment	N/A
Measuring/reading/recording frequency	Each monitoring period
Calculation method (if applicable)	N/A
QA/QC procedures	N/A
Purpose of data	Monitoring the project activity's social impact on employees
Additional comments	-

**B.7.2. Data and parameters to be monitored for E+/S+ assessments (negative impacts)**

No parameter is evaluated as "Harmful" in Section E.

**B.7.3. Sampling plan**

Not applicable



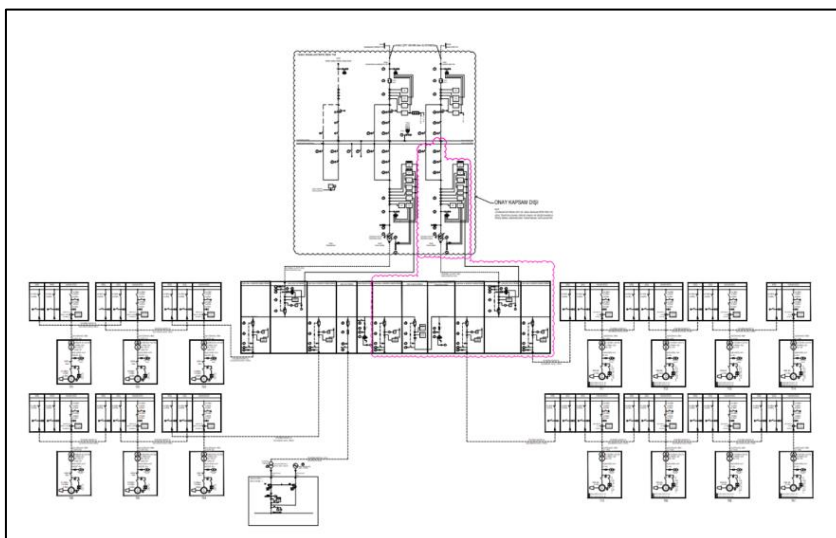
#### B.7.4. Other elements of the monitoring plan

The Project Owner will be responsible for the overall management of the monitoring procedures including recording, data collection and store. The project owner is also responsible for the administration of the data, setting up a carbon team who is responsible for monitoring all data required to estimate emission reductions. The emission reductions based on these monitored data will also be calculated by the Project Owner.

According to the methodology applied, the electricity supplied to the national grid by the project and the electricity consumed by the project activity shall be monitored. The net electricity is the difference of the electricity supplied and consumed by the project and shall be taken into account for emission reduction calculations.

Two power meters are installed at the grid interface of the project. One is the main meter, and the other is back-up meter of the main meter for cross-checking. Both meters are jointly inspected and sealed in order to be protected from interference by any of the parties.

The capacity of the transmission line connected is 154 kV, the accuracy class for main power meters have been defined in the Communiqué for Power Meters as 0.2S-0.5S class. The calibration will be implemented in accordance with the related standard procedures (IEC-EN 62053-22 and 62053-23) by either Turkish Electricity Transmission Corporation (TEIAS) or the provider company in the name of TEIAS. The meters are calibrated every ten years. Additionally, the meters are tested every two years.<sup>30</sup>



**Figure 5. Single Line Diagram**

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<sup>30</sup> Please see Clause 9: [Measuring Instruments directive](#)

The Project Owner regularly check the monitoring system on errors. In the case of errors, corrective actions will be undertaken by the Project Participant, or if required, by the supplier of the monitoring equipment.

TEİAŞ is performing remote reading of the meters and monthly power meter readings are the basis for monitoring net electricity fed into the grid. EPIAŞ records will used as the source of net generated electricity value and meter reading forms or OSF forms issued by TEİAŞ will be used for the crosscheck.

The website of EPIAŞ (<https://cas.epias.com.tr/cas/login>) is accessible to Project owner with their unique user ID and password. Once accessed, the Project owner is able to call electricity generation and consumption reports of their own projects. The same reports are used by the Project owner for invoicing TEİAŞ. The electricity generation data is reported monthly basis.

All data collected as part of monitoring will be archived electronically by the project owner and be kept at least for 2 years after the end of the last crediting period.

## **Section C. Start date, crediting period type and duration**

### **C.1. Start date of the Project Activity**

03/10/2019<sup>31</sup> (project commissioning date as per provisional acceptance certificate issued by Ministry of Energy and Natural Resources)

### **C.2. Expected operational lifetime of the Project Activity**

25 years as per “Tool to determine the remaining lifetime of equipment (Version 01)”.

### **C.3. Crediting period of the Project Activity**

#### **C3.1. Start and end date of the crediting period**

Start date of crediting period: 03/10/2019

End date of creditind period: 02/10/2029

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<sup>31</sup> Ministry Acceptance Protocol

### **C.3.2. Duration of crediting period**

10 years

## **Section D. Environmental impacts**

### **D.1. Analysis of environmental impacts**

Please see section E.

### **D.2. Environmental impact assessment and management action plans**

Approval from Ministry of Environment and Urbanization was taken on 13/04/2018 as assessing the environmental impacts of the project activity.

Additionally, Noise Impact Assessment was conducted, and it was concluded that no negative impact was considered.

Regarding impact on bird and bats carcasses and nests Ornithological and Ecological Evaluation Report <sup>32</sup> was prepared. Within the scope of the study, the observations made in projects site and its vicinity. The scientific data obtained from the observations and research carried out for different reasons in the past periods were also used. In support of field observations, face-to-face interviews were conducted with the local residents living in the project area, and extensive literature reviews were also carried out. There is no protection priority in terms of vegetation and plant species spreading in the area. Considering the areas where the turbines are installed, the feeding and sheltering habitats are far away from the project activity. The fact that the facilities within the scope of project activity are located in a very small area there won't be any negative impact on the breeding ecology of any species. There are no sensitive or naturally protected areas within the project site and around 10 km. No local endemic or rare species specific to the area were encountered in the project site. It's been reported that no negative impact was considered by the project activity.

## **Section E. Environmental and social safeguards**

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<sup>32</sup> Akdeniz University Faculty of Science Biology Department, May 2013

E.1. Environmental safeguards

Impact of Project Activity on		Information on Impacts, Do-No-Harm Risk Assessment and Establishing Safeguards								Project Owner's Conclusion		GCC Project Verifier's Conclusion  (To be included in Project Verification Report only)
		Description of Impact (positive or negative)	Legal/voluntary corporate requirement / regulatory/voluntary corporate threshold Limits	Do-No-Harm Risk Assessment (choose which ever is applicable)			Risk Mitigation Action Plans for aspects marked as Harmful		Performance indicator for monitoring of impact	Ex-ante scoring of environmental impact	Explanation of the Conclusion	3 <sup>rd</sup> Party Audit
				Not Applicable	Harmless	Harmful	Operational Controls	Program of Risk Management Actions				
<i>Environmental Aspects on the identified categories<sup>33</sup> indicated below.</i>	<i>Indicators for environmental impacts</i>	<i>Describe and identify anticipated and actual significant environmental impacts, both positive and negative from all sources (stationary and mobile) during normal and abnormal/emergency conditions, that may result from the construction and operations of the Project Activity, within and outside the project boundary, over which the Project Owner(s) has/have control.</i>	<i>Describe the applicable national regulatory requirements /legal limits / voluntary corporate limits related to the identified risks of environmental impacts.</i>	<i>If no environmental impacts are anticipated, then the Project Activity is unlikely to cause any harm (is safe) and shall be indicated as Not Applicable</i>	<i>If environmental impacts exist but are expected to be in compliance with applicable national regulatory /stricter voluntary corporate requirements and will be within legal/voluntary corporate limits by way of</i>	<i>If negative environmental impacts exist that will not be in compliance with the applicable national legal/ regulatory requirements or are likely to exceed legal limits, then the Project Activity is likely to</i>	<i>Describe the operational controls and best practices, focusing on how to implement and operate the Project Activity, to reduce the risk of impacts that have been identified as 'Harmful at least to a level that is in compliance with applicable legal/regulatory requirements or industry best practice or stricter voluntary</i>	<i>Describe the Program of Risk Management Actions (refer to Table 3), focusing on additional actions (e.g., installation of pollution control equipment) that will be adopted to reduce or eliminate the risk of impacts that have been identified as Harmful.</i>	<i>Describe the monitoring approach and the parameters (KPI) to be monitored for each impact irrespective of whether it is harmless of harmful. The frequency of monitoring to be specified as well including the data source.</i>	-1 0 +1	<i>Confirm the score of environmental impact of the project with respect to the aspect and its monitored value in relation to legal /regulatory limits (if any) including basis of conclusion.</i>	<i>Describe how the GCC Verifier has assessed that the impact of the Project Activity against the particular aspect and in case of "harmful impacts" how has the project adopted Risk Mitigation Action Plans to mitigate the risks of negative environmental impacts to levels that are unlikely to cause any harm as well as the net positive impacts of the project with respect to the most likely baseline alternative.</i>

<sup>33</sup> sourced from the CDM SD Tool and the sample reports are available ( <https://www4.unfccc.int/sites/sdcmicrosite/Pages/SD-Reports.aspx> )

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					plant design and operating principles, then the Project Activity is unlikely to cause any harm (is safe) and shall be indicated as Harmless /If the project has a positive impact on the environment mark it as "harmless" as well.	cause harm (may be un-safe) and shall be indicated as Harmful	corporate requirements					
Reference to paragraphs of Environmental and Social Safeguards Standard		Paragraph 12 (a)	Paragraph 13 (c)	Paragraph 13 (d) (i)	Paragraph 13 (d) (ii)	Paragraph 13 (d) (iii)	Paragraph 13 (e) (i)	Paragraph 13 (e) (ii)	Paragraph 12 (c) and Paragraph 13 (f)	Paragraph 22		Paragraph 24 and Paragraph 26 (a) (i)
Environment - Air	SO <sub>x</sub> emissions (EA01)	N/A	N/A	N/A	-	-	N/A	N/A		N/A		
	NO <sub>x</sub> emissions (EA02)	N/A	N/A	N/A	-	-	N/A	N/A		N/A		
	CO <sub>2</sub> emissions (EA03)	The dominant emissions from power plants are in the form of CO <sub>2</sub> , therefore CO <sub>2</sub> emissions from fossil fuel fired power plants connected to the grid will be accounted for in baseline calculations. Thus, the project activity reduces CO <sub>2</sub> emissions.	N/A	N/A	-	-	The Project Owner will take any precautions to operate the project activity. Operation & Maintenance activities will be conducted in	N/A	N/A	The generated electricity by the project activity will be continuously measured and the related CO <sub>2</sub> emission reduction will be calculated according to the applied methodology.	In the baseline scenario (grid) some of the fossil fuel power plants may have emitted CO <sub>2</sub> emissions, which has been calculated by the combined margin emission factor. Therefore,	+1

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							a responsible manner.				emission reductions are expected to be reduced which will be regularly monitored and verified ex -post and therefore is eligible to be scored.	
<i>CO emissions (EA04)</i>	N/A	N/A	N/A	-	-	N/A	N/A			N/A	N/A	
<i>Suspended particulate matter (SPM) emissions (EA05)</i>	N/A	N/A	N/A	-	-	N/A	N/A			N/A	N/A	
<i>Fly ash generation (EA06)</i>	N/A	N/A	N/A	-	-	N/A	N/A			N/A	N/A	
<i>Non-Methane Volatile Organic Compounds (NMVOCs) (EA07)</i>	N/A	N/A	N/A	-	-	N/A	N/A			N/A	N/A	
<i>Odor (EA08)</i>	N/A	N/A	N/A	-	-	N/A	N/A			N/A	N/A	
<i>Noise Pollution (EA09)</i>	Noise impact of the turbines. Measured noise levels would be below the allowed limitis.	According to the Regulation on the Ambient Noise Evaluation and Control the limits are 60-70dBA.	-	Harmless	-	N/A	N/A	N/A		N/A	N/A	
<i>Others (EA10)</i>	N/A	N/A	N/A	-	-	N/A	N/A			N/A	N/A	

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Environ- ment - Land	<i>Solid waste Pollution from Plastics (EL-01)</i>	Domestic wastes including plastics are properly stored and disposed in accordance with the related regulation.	According to the Waste Management Regulation <sup>34</sup> , domestic solid wastes shall be collected in waste bins and disposed by the related municipality.	-	Harmless	-	N/A	N/A	N/A	N/A	No significant plastic waste is expected from the project activity during operational phase.	
	<i>Solid waste Pollution from Hazardous wastes (EL02)</i>	Oil wastes will be handled appropriately in closed containers and transported by licensed transporters to the licensed processing and disposal facilities.	According to the Regulation on Waste Oil Management <sup>35</sup> , hazardous wastes shall be transported by licensed transporters to the licensed processing and disposal facilities.	-	Harmless	-	N/A	N/A	N/A	The records for the transfer of the wastes will prove the disposal of hazardous wastes.	As hazardous wastes shall be transported by licensed transporters to the licensed processing and disposal facilities, the records for the transfer of the wastes will prove the disposal.	
	<i>Solid waste Pollution from Bio-medical wastes (EL03)</i>	No Bio-medical wastes on site	N/A	N/A	-	-	N/A	N/A	N/A	N/A	N/A	
	<i>Solid waste Pollution from</i>	No E-wastes on site	N/A	N/A	-	-	N/A	N/A	N/A	N/A		

<sup>34</sup> <https://www.resmigazete.gov.tr/eskiler/2015/04/20150402-2.htm>

<sup>35</sup> <https://www.resmigazete.gov.tr/eskiler/2019/12/20191221-1.htm>

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	<i>E-wastes (EL04)</i>											
	<i>Solid waste Pollution from Batteries (EL05)</i>	No battery wastes on site	N/A	N/A	-	-	N/A	N/A	N/A	N/A	N/A	
	<i>Solid waste Pollution from end-of-life products/ equipment (EL06)</i>	N/A	N/A	N/A	-	-	N/A	N/A	N/A	N/A		
	<i>Soil Pollution from Chemicals (including Pesticides, heavy metals, lead, mercury) (EL07)</i>	No soil pollution from chemicals on site.	N/A	N/A	-	-	N/A	N/A	N/A	N/A		
	<i>land use change (change from cropland /forest land to project land) (EL08)</i>	N/A										
	<i>Others (EL09)</i>	N/A	N/A	N/A	-	-	N/A	N/A	N/A	N/A		
Environment - Water	<i>Reliability/ accessibility of water supply (EW01)</i>	N/A	N/A	-	-	-	N/A	N/A	N/A	N/A	N/A	
	<i>Water Consumption from ground and other sources (EW02)</i>	The project activity does not consume groundwater, drinking water is supplied by bottled water.	N/A	-	-	-	N/A	N/A	N/A			
	<i>Generation of wastewater (EW03)</i>	Wastewater is generated for domestic use only.	According to the Water	-	Harmless	-	N/A	N/A	N/A	N/.	N/A	



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			Pollution Control Regulation <sup>36</sup> , wastewater produced by workers during operation was collected in an impermeable septic tank and later they were periodically transferred to wastewater treatment plant.									
<i>Wastewater discharge without/with insufficient treatment (EW04)</i>	The project activity does not discharge any wastewater with insufficient treatment.	N/A	N/A	-	-	N/A	N/A	N/A	N/A	N/A	N/A	
<i>Pollution of Surface, Ground and/or Bodies of water (EW05)</i>	The project activity does not consume surface or groundwater, or discharge wastes to these	N/A	N/A	-	-	N/A	N/A	N/A	N/A	N/A	N/A	
<i>Discharge of harmful chemicals like marine pollutants / toxic waste (EW06)</i>	N/A	N/A	N/A	-	-	N/A	N/A	N/A	N/A	N/A	N/A	

<sup>36</sup> <https://www.mevzuat.gov.tr/mevzuat?MevzuatNo=7221&MevzuatTur=7&MevzuatTertip=5>

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	<i>Others (EW07)</i>	N/A	N/A	N/A	-	-	N/A	N/A	N/A	N/A	N/A	
Environment – Natural Resources	<i>Conserving mineral resources (ENR01)</i>	N/A	N/A	N/A	-	-	N/A	N/A	N/A	N/A	N/A	
	<i>Protecting/enhancing plant life (ENR02)</i>	Floras are protected within the project area.	CITES and Bern Convention	N/A	-	-	N/A	N/A	N/A	N/A	N/A	
	<i>Protecting/enhancing species diversity (ENR03)</i>	Regarding impact on bird and bats carcasses and nests, Ornithological and Ecological Evaluation Report was prepared, and it's been reported that no negative impact was considered.	CITES and Bern Convention	-	Harmless	-	N/A	N/A	N/A	N/A	N/A	
	<i>Protecting/enhancing forests (ENR04)</i>	N/A	N/A	N/A	-	-	N/A	N/A	N/A	N/A	N/A	
	<i>Protecting/enhancing other depletable natural resources (ENR05)</i>	N/A	N/A	N/A	-	-	N/A	N/A	N/A	N/A	N/A	
	<i>Conserving energy (ENR06)</i>	N/A	N/A	N/A	-	-	N/A	N/A	N/A	N/A	N/A	
	<i>Replacing fossil fuels with renewable sources of energy (ENR07)</i>	The project activity replaces fossil fuels with hydro energy as it's based on the baseline.	No legal limit	N/A	-	-	N/A	N/A	N/A	N/A	N/A	

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	<i>Replacing ODS with non-ODS refrigerants (ENR08)</i>	N/A	N/A	N/A	-	-	N/A	N/A	N/A	N/A		
	<i>Others (ENR09)</i>	N/A	N/A	N/A	-	-	N/A	N/A	N/A	N/A		
Net Score:					<b>+1</b>							
Project Owner's Conclusion in PSF:			The Project Owner confirms that the Project Activity will not cause any net harm to Environment.									
GCC Project Verifier's Opinion:			The GCC Verifier certifies that the Project Activity [is not likely to cause any] or [is likely to cause] net harm to the environment...									

**E.2. Social Safeguards**

Impact of Project Activity on		Information on Impacts, Do-No-Harm Risk Assessment and Establishing Safeguards							Project Owner's Conclusion		GCC project Verifier's Conclusion  (To be included in Project Verification Report only)
		Description of Impact (positive or negative)	Legal requirement /Limit, Corporate policies / Industry best practice	Do-No-Harm Risk Assessment (Choose which ever is applicable)			Risk Mitigation Action Plans (for aspects marked as Harmful)	Performance indicator for monitoring of impact.	Ex-ante scoring of environmental impact	Explanation of the Conclusion	3 <sup>rd</sup> Party Audit
				Not Applicable	Harmless	Harmful	Operational / Management Controls	Monitoring parameter and frequency of monitoring (as per scoring matrix Appendix-02)	Ex- Ante scoring of social impact of the project	Ex- Ante description and justification/explanation of the scoring of social impact of the project	Verification Process  Will the Project Activity cause any harm?
<b>Social Aspects on the identified categories<sup>37</sup> indicated below.</b>	Indicators for social impacts	Describe and identify actual and anticipated impacts on society and stakeholders, both positive or negative, from all sources during normal and abnormal/emergency conditions that may result from constructing and operating of the Project Activity within or outside the project boundary, over	Describe the applicable national regulatory requirements / legal limits or organizational policies or industry best practices related to the identified risks of social impacts	If no social impacts are anticipated, then the Project Activity is unlikely to cause any harm (is safe) and shall be indicated as <b>Not Applicable</b>	If social impacts exist but are expected to be in compliance with applicable national regulatory requirements/ stricter voluntary corporate limits by way of plant design and operating principles then the Project Activity is unlikely to cause any harm (is safe)	If negative social impacts exist that will not be in compliance with the applicable national legal/ regulatory requirements or are likely to exceed legal limits, then the Project Activity is likely to cause harm and shall be	Describe the operational or management controls that can be implemented as well as best practices, focusing on how to implement and operate the Project Activity, to reduce the risk of impacts that have been identified as <b>Harmful</b> .	Describe the monitoring approach and the parameters (KPI) to be monitored for each impact irrespective of whether it is harmless of harmful. The frequency of monitoring to be specified as well. Monitoring parameters can be quantitative or qualitative in nature along with the data source	-1 0 +1	Confirm the score of the social impacts of the project with respect to the aspect and its monitored value in relation to legal/regulatory limits (if any) including basis of conclusion	Describe how the GCC Verifier has assessed that the impact of Project Activity on social aspects (based on monitored parameters, quantitative or qualitative) and in case of "harmful" aspects how has the project owner adopted Risk Mitigation Action / management actions plans and policies to mitigate the risks of

<sup>37</sup> sourced from the CDM SD Tool and the sample reports are available ( <https://www4.unfccc.int/sites/sdcmicrosite/Pages/SD-Reports.aspx> )

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		which the project Owner(s) has/have control			and shall be indicated as <b>Harmless</b> , project having positive impact on society. To the BAU / baseline scenario must also mark their aspect as <b>"harmless"</b>	indicated as <b>Harmful</b>					negative social impacts to levels that are unlikely to cause any harm.  Also describe the positive impacts of the project on the society as compared to the baseline alternative or BAU scenario.
<b>Reference to paragraphs of Environmental and Social Safeguards Standard</b>		Paragraph 12 (a)	Paragraph 13 (c)	Paragraph 13 (d) (i)	Paragraph 13 (d) (ii)	Paragraph 13 (d) (iii)	Paragraph 13 (e) (i)	Paragraph 12 (c) and Paragraph 13 (f)	Paragraph 23		Paragraph 24 and Paragraph 26 (a) (ii)
<b>Social - Jobs</b>	Long-term jobs (> 10 year) created/ lost (SJ01)	The project creates long-term job opportunities for the operational period. 14 people have been employed as long-term workers.	Employment is made according to national employment regulations.	N/A	-	-	N/A	The number of people employed in the project will be monitored through SGK (Social Security Institution) records or payroll records.	+1	Employment will be monitored and recorded.	
	New short-term jobs (< 1 year) created/ lost (SJ02)	The project activity created temporary job opportunities for the construction activities.	Employments have been realized in accordance with the Labor Law.	N/A	-	-	N/A	Local people will be interviewed on created temporary job opportunities			
	Sources of income generation increased / reduced (SJ03)	Income generation has been provided with the project activity.	Employments have been realized in accordance with the Labor Law and Social Security Regulations.	N/A	-	-	N/A	According to the labor law of the Republic of Turkey, employers are obliged to insure their employees for the duration of their employment.	+1		

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								Employers' insurance records are proof that there are income generation by the employer which is project owner.			
	<i>Avoiding discrimination when hiring people from different race, gender, ethnics, religion, marginalized groups, people with disabilities (SJ04)</i>  <i>(Human rights)</i>	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<b>Social - Health &amp; Safety</b>	<i>Disease prevention (SHS01)</i>	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
	<i>Occupational health hazards (SHS02)</i>	Occupational accidents are probable within the scope of the projects. Job training are given to the employees.	Employees are trained in line the HSE Law. <sup>38</sup>	-	Harmless	-	N/A	N/A	N/A		
	<i>Reducing / increasing accidents/incidents/fatality (SHS03)</i>	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
	<i>Reducing / increasing crime (SHS04)</i>	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
	<i>Reducing / increasing food</i>	Not related	N/A	N/A	-	-	N/A	N/A	N/A		

<sup>38</sup> <https://www.mevzuat.gov.tr/MevzuatMetin/1.5.6331.pdf>

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	wastage (SHS05)										
	Reducing / increasing indoor air pollution (SHS06)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
	Efficiency of health services (SHS07)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
	Sanitation and waste management (SHS08)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
	Other health and safety issues (SHS09)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<b>Social - Education</b>	specialized training / education to local personnel (SE01)	Job related HSE trainings are provided to the employees.	-	-	Harmless	-	HSE trainings will be provided for all employees at the power plant.	N/A	N/A		
	Educational services improved or not (SE02)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
	Project-related knowledge dissemination effective or not (SE03)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
	Other educational issues (SE03)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<b>Social - Welfare</b>	Improving/ deteriorating working conditions (SW01)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		

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<i>Community and rural welfare (indigenous people and communities)</i> (SW02)	Employment opportunities and thus income generation have been created for local people.	Labor Law <sup>39</sup>	N/A	-	-	Employment choices have been used for local people.	Site personnel will be interviewed on permanent job opportunities.	+1		
<i>Poverty alleviation (more people above poverty level)</i> (SW03)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<i>Improving / deteriorating wealth distribution/ generation of income and assets</i> (SW04)	Income generation have been created for local people.	Labor Law <sup>40</sup>	N/A	-	-	Site personnel will be interviewed on permanent job opportunities.	Income generation have been created for local people.	+1		
<i>Increased or / deteriorating municipal revenues</i> (SW05)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<i>Women's empowerment</i> (SW06) (Human rights)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<i>Reduced / increased traffic congestion</i> (SW07)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<i>Exploitation of Child labour</i> (Human rights) (SW08)	Not related	N/A	N/A	-	-	N/A	N/A	N/A		

<sup>39</sup> <https://www.mevzuat.gov.tr/MevzuatMetin/1.5.4857.pdf>

<sup>40</sup> <https://www.mevzuat.gov.tr/MevzuatMetin/1.5.4857.pdf>



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<i>Minimum wage protection</i> <i>(Human rights)</i> <i>(SW09)</i>	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<i>Abuse at workplace. (With specific reference to women and people with special disabilities / challenges)</i> <i>(Human rights)</i> <i>(SW10)</i>	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<i>Other social welfare issues</i> <i>(SW11)</i>	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<i>Avoidance of human trafficking and forced labour</i> <i>(Human rights)</i> <i>(SW12)</i>	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<i>Avoidance of forced eviction and/or partial physical or economic displacement of IPLCs</i> <i>(Human rights)</i> <i>(CW13)</i>	Not related	N/A	N/A	-	-	N/A	N/A	N/A		
<i>Provisions of resettlement and human</i>	Not related	N/A	N/A	-	-	N/A	N/A	N/A		

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	<i>settlement displacement</i>  <i>(Human rights)</i>  <i>(CW14)</i>										
<b>Net Score:</b>		<b>+4</b>									
<b>Project Owner's Conclusion in PSF:</b>		The Project Owner confirms that the Project Activity will not cause any net harm to society.									
<b>GCC Project Verifier's Opinion:</b>		The GCC Verifier certifies that the Project Activity [is not likely to cause any] or [is likely to cause] net harm to society.									

## Section F. United Nations Sustainable Development Goals (SDG)

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UN-level SDGs	UN-level Target	Declared Country-level SDG	Defining Project-level SDGs				GCC Project Verifier's Conclusion (To be included in Project Verification Report only)	
			Project-level SDGs	Project-level Targets/Actions	Contribution of Project-level Actions to SDG Targets	Monitoring	Verification Process	Are Goal/Targets Likely to be Achieved?
<p><b>Describe UN SDG targets and indicators</b></p> <p>See: <a href="https://unstats.un.org/sdgs/indicators/indicators-list/">https://unstats.un.org/sdgs/indicators/indicators-list/</a></p>	Describe the UN-level target(s) and corresponding indicator no(s)	Has the host country declared the SDG to be a national priority? Indicate Yes or No	Define project-level SDGs by suitably modifying and customizing UN/ Country-level SDGs to the project scope or creating a new indicator(s). Refer to previous column for guidance.	Define project-level targets/actions in line with the project level indicators chosen. Define the target date by which the project Activity is expected to achieve the project-level SDG target(s).	Describe and justify how actions taken under the Project Activity are likely to result in a direct positive effect that contributes to achieving the defined project-level SDG targets	Describe the monitoring approach and the monitoring parameters to be applied for each project-level SDG indicator and its corresponding target, frequency of monitoring and data source	Describe how the GCC Verifier has verified the claims that the project is likely to achieve the identified Project level SDGs target(s).	Describe whether the project-level SDG target(s) is likely to be achieved by the target date (Yes or no)
<b>Goal 1: End poverty in all its forms everywhere</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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<b>Goal 2: End hunger, achieve food security and improved nutrition and promote sustainable agriculture</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Goal 3. Ensure healthy lives and promote well-being for all at all ages</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Goal 4. Ensure inclusive and equitable quality education and promote lifelong learning opportunities for all</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Goal 5. Achieve gender equality and empower all women and girls</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Goal 6. Ensure availability and sustainable management of water and sanitation for all</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Goal 7. Ensure access to affordable, reliable, sustainable, and modern energy for all</b>	<p>Target: 7.2. By 2030, increase substantially the share of renewable energy in the global energy mix.</p> <p>Indicator:</p>	No	<p>Increase the share of renewables in the total installed power capacity connected to the national electricity grid.</p> <p>Generation of 185,362 MWh annually.</p>	Commission 52.90 MW wind power plant and maintain the operation of the power plant during the lifetime of the project.	Enhance the share of installed electricity generation capacity from renewable energy sources by 0.014% in 2016	The installation of 52.90 MW wind power plant will displace the fossil-fuel based electricity production and increase the share of	The net electricity supplied to the grid by the project activity is continuously monitored through energy meter (main and spare	The Project Owner operates the project activity since 2019.	Yes

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	7.2.1. Renewable energy share in the total final energy consumption.				comparison to 2015.	electricity from clean energy resources in the national power system.  The project contributes to renewable energy share of Turkey's energy mix, as generating 185,362 MWh/yr clean energy.	meters) installed at the substation.		
<b>Goal 8. Promote sustained, inclusive, and sustainable economic growth, full and productive employment and decent work for all</b>	<p>Target:</p> <p>8.5. By 2030, achieve full and productive employment and decent work for all women and men</p> <p>Indicator:</p> <p>8.5.2. Unemployment rate, by sex, age and persons with disabilities</p> <p>Target: 8.8. Protect labour rights and promote safe and secure working</p>	No	<p>Generation of job opportunities.</p> <p>Given training on HSE.</p>	<p>Provide green jobs in the hydroelectric plant over the lifetime of the Project Activity and provide continuous learning opportunities for hydro power plant.</p>	<p>Number people to be employed including all levels.</p> <p>Trainings to be imparted per each monitoring period year (inhouse or external).</p>	<p>Both temporary and permanent jobs have been created during the construction and operational phase of the project activity. In total 14 employees are working for permanently.</p>	<p>The total number of persons working in the plant would be calculated based on the Social Security records.</p>	<p>The Project Owner operates the project activity since 2019.</p>	Yes

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	environments for all workers, including migrant workers, in particular women migrants, and those in precarious employment.  Indicator: 8.8.1 Frequency rates of fatal and non-fatal occupational injuries, by sex and migrant status.								
<b>Goal 9. Build resilient infrastructure, promote inclusive and sustainable industrialization and foster innovation</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Goal 10. Reduce inequality within and among countries</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Goal 11. Make cities and human settlements inclusive, safe, resilient, and sustainable</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Goal 12. Ensure sustainable consumption and production patterns</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

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<p><b>Goal 13. Take urgent action to combat climate change and its impacts</b></p>	<p>Target 13.3.: Improve education, awareness-raising and human and institutional capacity on climate change mitigation, adaptation, impact reduction and early warning</p> <p>Indicator: 13.3.2 Number of countries that have communicated the strengthening of institutional, systemic and individual capacity-building to implement adaptation, mitigation and technology transfer, and development actions</p>	<p>No</p>	<p>Emission reduction of 120,151 tCO<sub>2</sub> annually</p>	<p>Commission a 52.90 MW wind power plant by 2019.</p>	<p>Reduce greenhouse gas (GHG) emissions by 120,151 tCO<sub>2</sub>e every year.</p>	<p>Electricity produced by the project activity (measured with electricity meters) multiplied by the CO<sub>2</sub> emission factor would provide the emission reduction realized by using the renewable energy.</p>	<p>Calculate avoided GHG emissions every year.</p>	<p>The Project Owner operates the project activity since 2019.</p>	<p>Yes</p>
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<b>Goal 14. Conserve and sustainably use the oceans, seas, and marine resources for sustainable development</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Goal 15. Protect, restore, and promote sustainable use of terrestrial ecosystems, sustainably manage forests, combat desertification, and halt and reverse land degradation and halt biodiversity loss</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Goal 16. Promote peaceful and inclusive societies for sustainable development, provide access to justice for all and build effective, accountable, and inclusive institutions at all levels</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>Goal 17. Strengthen the means of implementation and revitalize the global partnership for sustainable development</b>	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
<b>SUMMARY</b>						<b>Targeted</b>		<b>Likely to be Achieved</b>	



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<b>Total Number of SDGs</b>	<b>3</b>	<b>3</b>
<b>Certification label (Bronze, Silver, Gold, Platinum, or Diamond) for the ACCs as defined in the PSF</b>	<b>Silver</b>	<b>Silver</b>

## Section G. Local stakeholder consultation

### G.1. MODALITIES FOR LOCAL STAKEHOLDER CONSULTATION

The promotion of the Maslaktepe WPP project was made on 18/12/2019 with the participation of the local people and the representatives of the relevant institution in Bıyıklı Village of Bayramiç Town, in Çanakkale Province.

The project was introduced to the local people and the questions of the participants were answered.

The announcement letters were put up on the public places and presented in the mukhtar's office. The meetings comprised of presentation that includes the Project information and record of comments. To ensure the communication of the meeting, project brochures were shared with the heads.

Agenda:

- Introduction of Project Representatives
- Introduction of the project activity
- Assessment of Impact of Project on Sustainability
- Q&A Session and Feedbacks

Local stakeholders were also informed on environment and social impacts on SDG elements of the project during the meetings.

It is important for the Project Owner to monitor the on-going stakeholder engagement process to ensure that consultation and disclosure efforts are effective, and stakeholders delivering grievances have been meaningfully consulted throughout the process.

Table 9 – The list of attendance to the Stakeholder Meeting

Name – Surname	Title
Cevdet Özenç	Mukhtar of Köylü Village
Muammer Özlük	Resident in Köylü Village
Erdiñç Kızılođlu	Mukhtar of Bıyıklı Village
Ekrem Kızılođlu	Resident in Bıyıklı Village
Rasim Koç	Resident in Köylü Village

Halil Avcı	Mukhtar of Kaykılar Village
Furkan Umut Özkan	Resident in Kaykılar Village
Kamil Çengel	Resident in Kaykılar Village
Ali Uzun	Resident in Kaykılar Village
Recep Çevik	Resident in Kaykılar Village
Mustafa Yılmaz	Resident in Saraycık Village
İsmail Demir	Resident in Kaykılar Village
Tolga Öçalan	Representative of Nartus Energy
Tuncay Albayra	Representative of Nartus Energy

## G.2. SUMMARY OF COMMENTS RECEIVED

Stakeholders considered clear signs of climate change in the region in recent years. The common outcome of the stakeholder consultation was positive, and stakeholders were in favor of the Project. Local people were employed during construction and are being employed during operation. Contribution to local economy and lead to improvement in living standards were also supported by the stakeholders. There was no negative comment from the participants during the meeting.

## G.3. CONSIDERATION OF COMMENTS RECEIVED

There were no negative comments in general at the meeting, however the contact information of the facility manager was shared with the stakeholders in order to be able to communicate and comment with the facility manager in the next process, and it was stated that the project owner and the local people would always be in contact. Moreover, feedback from meeting attendees will be reviewed revised annually (if necessary) during the operational phase, while the grievance mechanism will be reviewed on an ongoing basis.

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## **Section H. Approval and authorization**

Not applicable

### APPENDIX 1. CONTACT INFORMATION OF PROJECT OWNERS

<b>Project Owner name (as per LON/LOA)</b>	ENİ ENERJİ İNŞAAT TAAHHÜT TİCARET VE SANAYİ ANONİM ŞİRKETİ
<b>Country</b>	TURKEY
<b>Address</b>	ÜNİVERSİTELER MAH. 1597. CAD KÜME EVLERİ NO:128 BİLKENT/ÇANKAYA/ANKARA
<b>Telephone</b>	+90 (312) 266 69 40
<b>Fax</b>	+90 (312) 266 25 68
<b>E-mail</b>	<a href="mailto:anil.canatalay@enias.com.tr">anil.canatalay@enias.com.tr</a>
<b>Website</b>	<a href="http://www.enias.com.tr">www.enias.com.tr</a>
<b>Contact person</b>	MR. CAN ATALAY

<b>Project Owner name (as per LON/LOA)</b>	SEKANS ENERJİ LİMİTED ŞİRKETİ
<b>Country</b>	TURKEY
<b>Address</b>	EMNİYET EVLERİ MAH. ESKİ BÜYÜKDERE CAD. NO: 1 /1 İÇ KAPI NO: 1B04 KAGITHANE/ İSTANBUL
<b>Telephone</b>	-
<b>Fax</b>	-
<b>E-mail</b>	<a href="mailto:sila@sekansdanismanlik.com">sila@sekansdanismanlik.com</a>
<b>Website</b>	-
<b>Contact person</b>	MS. SILA DURAN

### APPENDIX 2. AFFIRMATION REGARDING PUBLIC FUNDING

This section has been left blank intentionally.

### APPENDIX 3. APPLICABILITY OF METHODOLOGY(IES)

Please refer B.2 of this PSF.

### APPENDIX 4. FURTHER BACKGROUND INFORMATION ON EX ANTE CALCULATION OF EMISSION REDUCTIONS

Please refer B.6.1 of this PSF.

## **APPENDIX 5. FURTHER BACKGROUND INFORMATION ON MONITORING PLAN**

Please refer B.7.1 of this PSF.

## **APPENDIX 6. SUMMARY REPORT OF COMMENTS RECEIVED FROM LOCAL STAKEHOLDERS**

Stakeholders considered clear signs of climate change in the region in recent years. The common outcome of the stakeholder consultation was positive, and stakeholders were in favour of the Project. Local people were employed during construction and are being employed during operation. Contribution to local economy and lead to improvement in living standards were also supported by the stakeholders. There was no negative comment from the participants during the meeting.

**APPENDIX 7. SUMMARY OF DE-REGISTERED CDM PROJECT OR PROJECTS FROM OTHER GHG / NON-GHG PROGRAMS (TYPE B)**

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<i>Complete this form in accordance with the instructions attached at the end of this form.</i>	
<b>Program Name</b>	
<b>Project registration number</b>	
<b>Date of registration in the program</b>	
<b>Title of the Project Activity</b>	
<b>Project de-registration reference number</b>	
<b>Date of de-registration of the Project</b>	
<b>Project Participants</b> <small>(Authorized by the host / annex 1 country letter of approval)</small>	
<b>Country where the project is located</b>	
<b>Applied methodology(ies)</b> <small>(Provide reference and version number(s))</small>	

Project Submission Form

<p><b>Pre-registration changes to the Project Activity</b> (Tick as applicable)</p>	<p><b>Pre-registration Changes</b></p>	<p><b>Reference number</b></p>	<p><b>Approved</b></p>	<p><b>Provide a summary of pre-registration changes</b></p>
	<p>Deviations from approved baseline and monitoring methodology</p>		<p><input type="checkbox"/></p>	
	<p>Deviations from applied Tool &amp; Guidance</p>		<p><input type="checkbox"/></p>	
	<p>Deviations from the rules</p>		<p><input type="checkbox"/></p>	
	<p>Other.....</p>		<p><input type="checkbox"/></p>	
<p><b>Post-registration changes to the Project Activity</b> (Tick as applicable)</p>	<p><b>Post registration Changes</b></p>	<p><b>Reference number</b></p>	<p><b>Approved</b></p>	<p><b>Provide a summary of post-registration changes</b></p>
	<p>Change in project design</p>		<p><input type="checkbox"/></p>	
	<p>Request for revision of monitoring plan</p>		<p><input type="checkbox"/></p>	
	<p>Request for change in start date of crediting period</p>		<p><input type="checkbox"/></p>	
	<p>Renewal of crediting period</p>		<p><input type="checkbox"/></p>	
	<p>Temporary deviations</p>		<p><input type="checkbox"/></p>	
	<p>Other.....</p>		<p><input type="checkbox"/></p>	



Project Submission Form

Crediting Period(s)	Crediting period(s)		Period (start & end dates)	ERs as per registered PDD/MR/Project documents	Credits issued	
	Crediting Period (Shall start on or after 1 Jan 2016)	Fixed 10 year				
		Renewable (7 years, with 2 approved renewals)	1 <sup>st</sup>			
			2 <sup>nd</sup>			
	3 <sup>rd</sup>					
	Period for which Credits have been issued					
	Period for which Credits have been requested but not issued					-
	Period for which Credits have never been requested for issuance (No monitoring reports submitted)					-
Period for which Credits have never been requested for issuance prior to CDM de-registration					-	
Remaining Crediting period, after de-registration, for which Credits have not been issued by the program , subject to a ceiling of 10 years as allowed under the GCC Program					-	

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<b>Details of Previous Issuance Requests</b>	<b>Issuance Request</b>	<b>Period</b> (start & end dates)	<b>ERs as per registered PDD</b>	<b>Quantity of Credits requested to be issued</b>	<b>Quantity of Credits issued</b>
	1 <sup>st</sup>				
	2 <sup>nd</sup>				
	3 <sup>rd</sup>				
	4 <sup>th</sup>				
	5 <sup>th</sup>				
	Add rows .....				
	<b>Total</b>				
<b>List any open issues in the Validation and last Verification Report (e.g., FARs, if any) and how they have been addressed</b>					
<b>Any other relevant information that has not been reported in the registered documents and that may have adverse impacts on the environmental integrity of the Project Activity</b>					
<b>Provide the list of all the registered documents related to this project, as available on the program's website and the corresponding URLs.</b>					

**Appendix 8. FURTHER INFORMATION ON DETERMINATION OF BUNDLE IN PROJECT ACTIVITY.**

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**Appendix 9. PUBLIC DECLARATION FOR A2 (Sub Type 2 and 3), B1 & B2 PROJECTS ON NON CONTINUATION FROM CDM/GHG/NON-GHG PROGRAMS.**

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## INSTRUCTIONS

### Instructions for completing this form

#### General instructions

1. For designing and developing a project for the GCC Program, the requirements stipulated in the 'Project Standard', clarifications (if any) and the applicable GCC or CDM Methodologies and tools, are applicable to Project Owners to ensure conformance with applicable GCC Rules and requirements while completing the Project Submission Form (PSF, this document).
2. The Project Standard stipulates that the Project Owners wishing to register a proposed GCC Project Activity with the GCC Program shall prepare a Project Submission Form, using the valid version of the applicable PSF form, available on the GCC website.<sup>41</sup>
3. When completing the PSF form, the Project Owners shall follow the instructions therein and provide all necessary information and documentation to demonstrate compliance of the proposed GCC Project Activity with all applicable requirements in this document and other applicable GCC Rules and requirements.
4. The terms<sup>42</sup> used in this document have been defined in the Program Definitions document and shall be referred to while completing the PSF.
5. The Project Owners shall assess the project to identify the appropriate project type (A1, A2, A3, B1 or B2), which complies with the eligibility criteria of the Project Standard. Once the eligible project type is identified, the PSF shall be completed, clearly identifying the requirements including the voluntary certification labels and/or market eligibility (e.g., CORSIA) they wish to target. The choices made by the Project Owners in the PSF (including on the cover page) shall become a package of requirements against which the GHG Verifier as well as the GCC Operations Team and Steering Committee shall assess and evaluate the Project Activity throughout the project cycle.
6. For Type A (A1, A2, A3) projects, all of the sections of the PSF are required to be completed, including the cover page. If the voluntary certification labels and/or market eligibility (e.g., CORSIA) have been chosen to be targeted, sections A.5 (requirements related to CORSIA including Host Country Attestation on Double Counting), B.7.2 (E+/S+/SDG monitoring), E.1 (Do-No-Net-Harm requirements for Environment), E.2 (Do-No-Net-Harm requirements for Society), and F (contribution to UN SDGs) are required to be filled with new information.
7. For Type B (de-registered from CDM) projects being submitted to the GCC Program, the PSF shall be completed as per the guidance provided below:
  - (a) **For Type B1 projects:**

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<sup>41</sup> GCC website : <http://www.globalcarboncouncil.com/resource-centre/>

<sup>42</sup> While using any GCC document, the terms/definitions/Acronyms and the names of the regulatory documents referred have their first letter in capitals (e.g., 'Project Standard').

- (i) All the sections of the PSF are required to be completed, including the cover page. New sections are required to be filled with new information not contained in the registered CDM PDD.
- (ii) Sections A.4, A.5 (requirements related to CORSIA including Host Country Attestation on Double Counting), A.6, C.1, C.2, C.3, H (if applicable) and Appendix 1 are required to be completed with new and/or updated information.
- (iii) If the voluntary certification labels and/or market eligibility (e.g., CORSIA) have been chosen to be targeted, sections A.5 (requirements related to CORSIA including Host Country Attestation on Double Counting), B.7.2 (SDG monitoring), E.1 (Do-No-Net-Harm requirements for Environment), E.2 (Do-No-Net-Harm requirements for Society) and F (contribution to UN SDGs) are required to be completed with new information.

**(b) For Type B2 projects:**

- (i) All the sections of the PSF are required to be completed, including the cover page. New sections are required to be filled with new information not contained in the registered CDM PDD.
- (ii) Sections A.4, A.5 (requirements related to CORSIA including Host Country Attestation on Double Counting), A.6, C.1, C.2, C.3, H (if applicable) and Appendix 1 are required to be filled with new and/or updated information.
- (iii) For project type B2, since the voluntary certification labels and market eligibility (e.g., CORSIA) are not chosen, mark the sections: B.7.2 (SDG monitoring), E.1 (Do-No-Net-Harm requirements for Environment), E.2 (Do-No-Net-Harm requirements for Society) and F (contribution to UN SDGs) as “Not applicable” and explicitly state that they have been left blank intentionally.

**(c) For both B1 and B2 projects:**

- (i) The remaining sections of the PSF, except those mentioned in paragraphs 7 (a) and (b) above and particularly related to GHG reduction, shall:
  - i. refer to the corresponding sections of the registered CDM PDD, where the same information as contained in the registered CDM PDD, is required; and
  - ii. provide, in the appropriate sections, additional information if required.
- (ii) The PSF shall also provide the required information in Appendix 7.
- (iii) The GCC Program shall not allow any post-registration changes or deviations from the contents of the registered CDM project documents (including registered CDM PDD and supporting documents such as spreadsheets, Modalities of Communication (CDM-MoC), letters of approval, etc.), unless approved by UNFCCC/ CDM as per its rules and CDM project cycle procedures. Therefore, any post-registration changes or deviations from the contents of the registered CDM project documents shall be

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approved under the CDM, following the CDM Project cycle procedures, prior to de-registering the CDM Project and completing the PSF for Type B projects.

8. Use this PSF form for all types of GCC Project Activities, except for afforestation and reforestation (A/R) Project Activities and carbon dioxide capture and storage (CCS) Project Activities, for which a separate template may be designed in future.
9. Where a PSF and/or spreadsheet contains information that the Project Owner(s) wish to be treated as confidential/proprietary, submit documentation in two versions:
  - (d) One electronic version where all parts containing confidential/proprietary information are redacted (e.g., made illegible by covering them with black ink) so that the version can be made publicly available without displaying confidential/proprietary information; and
  - (e) One electronic version containing all information that is to be treated as strictly confidential/proprietary by all parties handling this documentation (GCC approved verifiers, Steering committee members, external experts requested to consider such documents in support of work for the Steering committee, and the GCC team).
10. Information used to demonstrate additionality, to describe the application of the selected methodologies, and to support the environmental impact assessment, is not considered proprietary or confidential. The Project Owner(s) shall make any data, values and formulae included in spreadsheets provided accessible and verifiable. In case of strictly confidential financial information regarding a project, the Project Owner(s) can prepare two versions of spreadsheets in a similar way as mentioned in paragraph 10 above and mark one spreadsheet accordingly as “confidential”.
11. Complete this form in English. All sections of this form are mandatory, unless otherwise indicated, and shall be completed with all required information. Prepare all attached supporting documents in English, or, if their originals were prepared in another language, provide a full translation of the relevant sections of these documents in English.
12. Complete this form using the same format without modifying its font, headings or logo, and without any other alterations to the form.
13. Do not modify or delete tables and their columns in this form. Add rows to the tables as needed. Add additional appendices as needed.
14. If a section of this form is not applicable, explicitly state that the section has been left blank intentionally.
15. Use an internationally- recognized format for presentation of values. For example, use digits grouping in thousands and mark a decimal point with a dot (.), not with a comma (,).
16. Complete this form deleting the ‘Instructions for completing this form’.
17. Provide the information requested on the cover page.
18. The Project Owner(s) shall note that non-compliance with the instructions provided in this document shall lead to non-compliance of the Project Owner(s) with the Project Standard and the applicable GCC documents containing the rules and requirements governing the GCC Program.

## Section A. Description of the Project Activity

### A.1. Purpose and general description of the Project Activity

1. Provide the purpose and a general description of the Project Activity, including a summary of:
  - (a) The location of the Project Activity.
  - (b) The technologies/measures employed by the Project Activity.
  - (c) The project boundary.
  - (d) The baseline scenario.
  - (e) The estimates of annual average and total GHG emission reductions for the chosen crediting period.
2. Describe how the Project Activity contributes to sustainable development.
3. Provide a full description of 1(a)–(e) above in sections A2, A3, B3, , and B6, respectively.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### A.2. Location of Project Activity

4. Provide details of the physical/geographical location of the Project Activity, including the physical address (host country, region/state/province, city/town/community, street name and number) and a map identifying the project clearly, and if necessary, other information allowing for the unique identification of the Project Activity (e.g., geodetic coordinates). The geo-coordinates need to be presented in degree minutes seconds as well as in decimal format.
5. Do not exceed one page for the description of the location.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### A.3. Technologies/measures

6. Describe the technologies/measures to be employed and/or implemented by the Project Activity, including:
  - (a) A list of the facilities, systems and equipment that will be installed and/or modified under the Project Activity.

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- (b) The arrangement of the facilities, systems and equipment.
  - (c) The monitoring equipment and their location in the systems.
7. Describe the types and levels of services (normally in terms of mass or energy flows) provided by the facilities, systems and equipment that are being modified and/or installed under the Project Activity and their relation, if any, to other facilities, systems, and equipment outside the project boundary.
  8. For the facilities, systems and equipment that are being modified and/or installed under the Project Activity, provide information on:
    - (a) The age and average lifetime of the equipment based on the manufacturer's specifications and industry standards.
    - (b) The existing and forecast installed capacities, load factors and efficiencies.
    - (c) The energy and mass flows and balances of the facilities, systems, and equipment, if necessary.
  9. Provide a short summary of facilities, systems and equipment in the baseline scenario as established in section **Hata! Başvuru kaynağı bulunamadı..**
  10. Do not provide information that is not essential to understanding the purpose of the Project Activity and how it reduces GHG emissions. Do not include information related to facilities, systems and equipment that are auxiliary to the main scope of the Project Activity and that do not affect directly or indirectly GHG emissions and/or mass and energy balances of the processes related to the Project Activity.
  11. Describe how the technologies/measures and know-how for their use are transferred to the host country, where applicable.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### A.4. Project Owner(s)

12. Using the table provided, list the Project Owner(s) involved in the Project Activity in line with the LOA/LON, and provide contact information for each Project Owner in Appendix 01, the end of the PSF.
13. When this form is completed in support of a proposed new GCC methodology, identify at least the host country and any known Project Owner(s) (e.g., those proposing the new methodology).

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.



#### **A.5. Declaration of intended use of carbon credits (ACCs) from the Project Activity**

14. Indicate the intended use of carbon credits (ACCs) from the Project Activity.

15. Confirm that the carbon credits (ACCs) from the Project Activity shall not be double counted.

**Note:** For all project (Types A1, A2, B1 and B2), this section requires new information. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

#### **A.6. Additional Requirements for CORSIA**

16. If the Project Owner(s) intend to use/sell/transfer/retire the carbon credits (ACCs) generated by the Project Activity for offsetting purposes to Airlines under ICAO's CORSIA requirements, the Project Owner(s) shall:

(a) The start of Project Activity operation and the start of crediting period shall be on or after 1 January 2016 and complies with all the applicable GCC rules and requirements.

(b) The Project Activity is likely to result in GHG emission reductions as a result of implementation of the registered GCC project activity.

(c) The Project Activity has not caused any net harm to the environment and/or society and therefore achieves Environmental No-net-harm Label (E +) and Social No-net harm Label (S +).

(d) The Project Activity has made contributions for achieving United Nations Sustainability Development Goals (SDGs) and has contributed to achieving at least three SDGs and therefore targets to achieve Silver or higher SDG certification label (SDG+); and

(e) The project meets all the requirement of the CORSIA Eligible Emissions Units<sup>43</sup> required for GCC projects and does not fall under the excluded unit types, methodologies, programme elements, and/or procedural classes.

If GCC Program receives the approval to issue CORSIA eligible units beyond 31 December 2020, the Project owner shall ensure that there is no double counting for Emission units generated after 31 December 2020:

(i) A written attestation, expressing the intention, from the host country's national focal point or focal point designee shall be provided prior to submission of request for registration to the GCC Program; and

(ii) A self-declaration from the Project Owner in the PSF that written attestation from the host country's national focal point or focal point designee will be provided at the earliest opportunity, but prior to submission of requesting issuance to the GCC Program.

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<sup>43</sup>ICAO Document "CORSIA Emission unit Eligibility Criteria"

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At registration stage, the GCC Project Verifier shall provide a certification opinion on whether a project is expected to achieve an indicative CORSIA (C+ label) only if the project activity complies with the conditions stated in paragraph above and is likely to:

- (a) reduce a forecasted quantity of greenhouse gases (ACC label).
- (b) achieve Environmental No-Net Harm (E+ label).
- (c) achieve Social No-Net Harm (S+ label); and
- (d) achieve United Nations Sustainability Development Goals (Silver or higher SDG+ label)

**Note:** For all projects (Types A1, A2, A3, B1 and B2) that wish to apply for the *E+* or *S+* and/or *SDG+* label and for use under CORSIA, this section requires new information. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

## Section B. Application of selected Methodologies

### B.1. Reference to methodologies

17. Indicate the exact reference (number, title, version) of:

- (a) The selected methodology(ies) (approved by any GHG program including by the GCC or the CDM).
- (b) Any tools and other methodologies to which the selected methodology(ies) refers.
- (c) The selected CDM standardized baseline, where applicable.

18. Refer to the GCC<sup>44</sup> or UNFCCC CDM website for the exact references for approved methodologies, tools, and standardized baselines.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### B.2. Applicability of Methodologies and tools applied in the project

19. Justify the choice of the selected methodologies and tools, where applicable, the selected standardized baseline by showing that the Project Activity meets all applicability conditions of the methodology(ies), tools and, where applicable, the standardized baseline. Explain/describe any documentation that has been used in the justification and provide references to it or include the documentation in **Hata! Başvuru kaynağı bulunamadı..**

20. Ensure that the Project Activity complies with all the relevant requirements of the selected methodology(ies) and, where applicable, the selected standardized baseline, including the application of any tools, standards or guidelines required by the methodology(ies) and, where applicable, the standardized baseline.

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<sup>44</sup> GCC Methodologies: <https://www.globalcarboncouncil.com/standards/baseline-monitoring-methodologies/>  
CDM Methodologies: <https://cdm.unfccc.int/methodologies/index.html>

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### **B.3. Project boundary, sources, and greenhouse gases (GHGs)**

21. Define the project boundary of the Project Activity, including the physical delineation of the Project Activity, and which sources and GHGs are included in the project boundary, in accordance with the applied methodology(ies) and, where applicable, the applied standardized baseline.
22. In the table provided, describe emission sources and GHGs included in the project boundary for the purpose of calculating project emissions, baseline emissions and, if applicable, leakage emissions.
23. In addition to the table, where possible, present a pictorial depiction of the project boundary based on the description provided in section **Hata! Başvuru kaynağı bulunamadı..** Include in the flow diagram all the facilities, systems, and equipment, and flows of mass and energy described in that section. In particular, indicate in the diagram the emission sources and GHGs included in the project boundary and the data and parameters to be monitored.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided by the General Instructions section in paragraph 7, above.

### **B.4. Establishment and description of the baseline scenario**

24. Describe the baseline scenario for the Project Activity and explain how it is established in accordance with applicable provisions for the establishment and description of baseline scenarios in the Project Standard, the applied methodology(ies) and, where applicable, the applied standardized baseline.
25. Where the procedure in the applied methodology(ies) and, where applicable, the applied standardized baseline involves several steps, describe how each step is applied and transparently document the outcome of each step. Explain and justify key assumptions and rationales. Provide and explain all data used to establish the baseline scenario (variables, parameters, data sources, etc.). Provide all relevant documentation and/or references.
26. Where “future anthropogenic emissions by sources are projected to rise above current levels due to the specific circumstances of the host Party,” use the CDM document: “Guidelines on the consideration of suppressed demand in CDM methodologies” to propose a revision to an approved methodology to cover such scenario if it is not covered in the methodology.

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27. Describe how the relevant national and/or sectoral policies, regulations and circumstances are taken into account.
28. Provide a list of facilities, systems, and equipment in the baseline scenario, and clearly explain how the same types and levels of services provided by the Project Activity would have been provided in the baseline scenario.
29. Provide a transparent description of the baseline scenario as established above.
30. Note that this section and section B.5 are complementary. Some of the steps undertaken in one section may overlap with the steps undertaken in the other, depending on the procedures used to establish the baseline scenario and demonstrate additionality. If the “CDM Methodological tool: Combined tool to identify the baseline scenario and demonstrate additionality” is used, replicate the same information in both sections. In this case, make a reference to the other section where the description is contained.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### **B.5. Demonstrating additionality**

31. If the Project Activity is a type of Project Activity which is deemed automatically additional, in accordance with the GCC Project Standard or CDM rules:
  - (a) Specify the relevant methodologies, tools, standardized baselines, or specific technologies/measures conferring automatic additionality; and
  - (b) Explain how the Project Activity meets the criteria established in these for determining automatic additionality.
32. If the Project Activity is not a type of Project Activity that is deemed automatically additional, then follow the instructions in paragraphs 33 through 35 below.
33. Demonstrate that the Project Activity is additional in accordance with the applied methodology(ies), and where applicable the applied standardized baseline, and applicable provisions for demonstrating additionality in the GCC Project Standard. Where the procedure in the applied methodology(ies) and/or tools involves several steps, describe how each step is applied and transparently document the outcome of each step. Indicate clearly the method selected to demonstrate additionality (e.g., investment analysis or barrier analysis). Present in a transparent manner, in the form or in a separate appendix, all data used (variables, parameters, data sources, etc.) and how the additionality of the Project Activity is demonstrated.
34. Where investment analysis is used, clearly indicate the date of investment decision for the project, list all relevant assumptions and parameters used in the analysis. Where benchmark analysis is used, clearly indicate the benchmark. Where cost comparison is used, describe the scenarios compared.

35. Where barrier analysis is involved in demonstrating additionality, only select the most relevant barriers. Justify the credibility of the barriers, presenting key facts, assumptions, and rationale. Provide relevant documentation or references.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

## **B.6. Estimation of emission reductions**

### **B.6.1. Explanation of methodological choices**

36. Explain how the methods or methodological steps in the applied methodology(ies) and, where applicable, the applied standardized baseline, for calculating baseline emissions, project emissions, leakage emissions and emission reductions are applied to the Project Activity. Clearly state which equations will be used in calculating emission reductions.

37. Explain and justify all relevant methodological choices, including:

- (a) Where the applied methodologies and, where applicable, the applied standardized baselines include different scenarios or cases, indicate, and justify which scenario or case applies to the Project Activity.
- (b) Where the applied methodologies and, where applicable, the applied standardized baselines allow different default values, indicate, and justify which default value has been chosen for the Project Activity.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### **B.6.2. Data and parameters fixed *ex ante***

38. Include a compilation of information on the data and parameters that are not monitored during the crediting period of the Project Activity but are determined prior to registration of the Project Activity and that remain fixed throughout the crediting period. Do not include data that will only become available upon implementation of the Project Activity (e.g., measurements taken after Project Activity implementation begins). Such data shall be included in section **Hata! Başvuru kaynağı bulunamadı..**

39. The compilation of information may include data that are measured or sampled, and data that are collected from other sources (e.g., official statistics, expert judgment, proprietary data, the IPCC, commercial and scientific literature, etc.). Do not include data that are calculated applying

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equations provided in the applied methodology(ies) or default values specified in the methodology(ies) in the compilation.

40. For each piece of data or parameter, complete the table following the instructions below:

- (a) Value(s) applied: provide the value applied. Where a time series of data is used, where several measurements are undertaken or where surveys have been conducted, provide detailed information in **Hata! Başvuru kaynağı bulunamadı..** To report multiple values referring to the same data or parameter, use one table. If necessary, use references to spreadsheets.
- (b) Source of data: indicate and justify the choice of data source. Provide clear and valid references and, where applicable, additional documentation in **Hata! Başvuru kaynağı bulunamadı.;**
- (c) Measurement methods and procedures: where values are based on measurement, include a description of the measurement methods and procedures applied (e.g., which standards have been used), indicate the responsible person/entity that undertook the measurement, the measurement date, and the measurement results. More detailed information can be provided in **Hata! Başvuru kaynağı bulunamadı.;**
- (d) Purpose of data: choose one of the following:
  - (i) Calculation of baseline emissions.
  - (ii) Calculation of project emissions.
  - (iii) Calculation of leakage.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### **B.6.3. Ex-ante calculation of emission reductions**

41. Provide a transparent ex-ante calculation of baseline emissions, project emissions (or, where applicable, direct calculation of emission reductions) and leakage emissions expected during the crediting period of the Project Activity, applying all relevant equations provided in the applied methodology(ies) and, where applicable, the applied standardized baseline. For data or parameters available before the registration of the Project Activity, use values contained in the table in section **Hata! Başvuru kaynağı bulunamadı..**

42. For data or parameters not available before the registration of the Project Activity and monitored during the crediting period of the Project Activity, use estimates contained in the table in section B.7.1. If any of these estimates has been determined using a sampling approach, provide a description of the sampling efforts undertaken in accordance with the “CDM Standard: Sampling and surveys for CDM project activities and programme of activities.”

43. Document how each equation is applied, in a manner that enables the reader to reproduce the calculation. Where relevant, provide additional background information and/or data in **Hata! Başvuru kaynağı bulunamadı.**, including relevant spreadsheets.

44. Provide a sample calculation for each equation used.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 type projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

#### **B.6.4. Summary of ex-ante estimates of emission reductions**

45. Summarize the results of the ex-ante calculation of emission reductions for all years of the crediting period of the Project Activity, using the table in the form.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

#### **B.7. Monitoring plan**

46. In sections **Hata! Başvuru kaynağı bulunamadı.** through **Hata! Başvuru kaynağı bulunamadı.**, provide a detailed description of the monitoring plan for the Project Activity developed in accordance with the applicable provisions in the Project Standard, the applied methodology(ies) and, where applicable, the applied standardized baseline.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

##### **B.7.1. Data and parameters to be monitored ex-post**

47. Include specific information on how the data and parameters that need to be monitored in accordance with the applied methodology(ies), tools and, where applicable, the applied standardized baseline will be collected during monitoring. Include here data and parameters that are determined only after the implementation of the Project Activity begins.

48. For each piece of data or parameter, complete the table following the instructions below:

- (a) Source of data: indicate the source(s) of data that will be used for the Project Activity (e.g., records, invoices etc.). Where several sources are used, justify which data sources should be preferred.

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- (b) Value(s) applied: the value applied is an estimate of the data or parameter that will be monitored during the crediting period of the Project Activity, and is used for the purpose of calculating estimated emission reductions in sections **Hata! Başvuru kaynağı bulunamadı.** and **Hata! Başvuru kaynağı bulunamadı..** To report multiple values referring to the same data or parameter, use one table. If necessary, use references to spreadsheets.
- (c) Measurement methods and procedures: where data or parameters are to be monitored, specify the measurement methods, details of measuring instruments and procedures, standards to be applied, accuracy of the measurements, person/entity responsible for the measurements, and, in case of periodic measurements, the measurement intervals.
- (d) QA/QC procedures: describe the Quality Assurance (QA)/Quality Control (QC) procedures to be applied, including calibration procedures where applicable.
- (e) Purpose of data: choose one of the following:
  - (i) Calculation of baseline emissions.
  - (ii) Calculation of project emissions.
  - (iii) Calculation of leakage emissions.

49. Provide any relevant further background documentation in **Hata! Başvuru kaynağı bulunamadı..**

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### **B.7.2 Data and parameters to be monitored for E+/S+ assessments and SDG labels**

50. The aim of Do-No-Harm Residual Risk Assessments is to re-evaluate risks to determine the severity of environmental and social impacts and the mechanism to demonstrate that the impact remains within legal/regulatory/corporate limits, or they result in positively impacting the environment or society. In case of projects which may have “harmful” impact the assessment helps to put in place risk mitigation plan and identification of residual risks.

51. Describe the monitoring approach and the monitoring parameters corresponding to each impact that has been identified as either harmless or harmful, as per Table 3 of the Environment and Social Safeguards Standard.

**Note:** For Type A1, A2 and A3 projects, that wish to apply for the E+ and/or S+ label, this section requires new information. Information shall be provided as per the guidance provided in the General Instructions section in paragraph 7, above.

### **B.7.3. Sampling plan**

52. If data and parameters to be monitored in section **Hata! Başvuru kaynağı bulunamadı.** are to be determined by a sampling approach, provide a description of the sampling plan in accordance



with the recommended outline for a sampling plan in the “CDM Standard: Sampling and surveys for CDM project activities and programme of activities.”

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

#### **B.7.4. Other monitoring plan elements**

53. Describe the other elements of the monitoring plan as outlined in the Project Standard and the applied methodology(ies) and, where applicable, the applied standardized baseline, including the operational and management structure for monitoring, provisions for data archiving, and responsibilities and institutional arrangements for data collection and archiving.

54. Provide any relevant further background information in **Hata! Başvuru kaynağı bulunamadı..**

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### **Section C. Start date, crediting period type and duration**

#### **C.1. Project Activity start date**

55. State the start date of the Project Activity in the format of dd/mm/yyyy

56. Describe how the start date has been determined in accordance with the start date definition provided in the Project Standard and provide evidence to support this date.

**Note:** For Type A1, A2 and A3 projects) , this section requires new information. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

#### **C.2. Expected operational lifetime of the Project Activity**

57. State the expected operational lifetime of the Project Activity in years and months.

**Note:** For Type A1, A2 and A3 projects this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

#### **C.3. Crediting period of the GCC Project Activity**

##### **C3.1. Start date and end date of crediting period**

58. State the start date and the end date of the crediting period of the Project Activity in the format of dd/mm/yyyy. Do not attach any qualifications to the start date, such as “expected.”

**Note:** For Type A1, A2 and A3 projects, this section requires new information. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### **C3.2 Duration of crediting period**

Specify the duration of crediting period in years and months format.

**Note:** For Type A1, A2 and A3 projects), this section requires new information. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

## **Section D. Environmental impacts**

59. If the Project Owner(s) opt to implement Environmental and Social Safeguards, then this information will be provided in section E of this document. A summary may be provided here.

### **D.1. Analysis of environmental impacts**

60. Provide a summary of the analysis of the environmental impacts of the Project Activity, including transboundary impacts, and provide references to all related documentation. The section to include a summary of the assessment of the aspects presented as applicable to the project in sections E.1 and E.2 of the PSF.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### **D.2. Environmental impact assessment**

61. Where relevant, provide a copy of the Environmental Impact Assessment (EIA) or provide evidence that an EIA is not required.

62. If an environmental impact assessment is carried out in accordance with the applicable provisions of host country requirements, provide conclusions and references to all related documentation. If an environmental impact assessment is not carried out, indicate “Not applicable” and provide a justification.

**Note:** For Type A1, A2 and A3 projects, this section requires new information. For both Type B1 and B2 projects, the same information is required as provided in the registered CDM PDD. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

## **Section E. Environmental and Social Safeguards**

63. This section is optional and voluntary and provides an opportunity to submit information for those GCC Projects which, in addition to reducing greenhouse gases (GHG), voluntarily intend to

ensure that their Project Activity does not cause any net harm to the environment and society. This option provides an opportunity to demonstrate this achievement by obtaining additional certification labels: the Environmental No-net-harm (*E+*) label and the Social No-net-harm (*S+*) label.

64. If the Project Owner(s) select this option, they shall indicate their choice in this form and apply the requirements provided in the Environment and Social Safeguards Standard.

**Note:** For all project Types (A1, A2, A3, B1) that wish to apply for the *E+* and/or *S+* label, this section requires new information. Information shall be provided as per the guidance provided in the General Instructions section in paragraph 7, above.

### **E.1. Environmental Safeguards**

65. The Project Owner(s) shall design and define its plan for identifying and mitigating or eliminating the environmental impacts that may be caused due to the Project Activity in this form, as per Table 1(a) of the Environment and Social Safeguards Standard.

**Note:** For all project Types (A1, A2, A3, B1) that wish to apply for the *E+* label, this section requires new information. Information shall be provided as per the guidance provided in the General Instructions section in paragraph 7, above.

### **E.2. Social Safeguards**

66. The Project Owner shall design and define its plan for identifying and mitigating or eliminating the social impacts that may be caused as a result of the construction and operation of the Project Activity in this form, as per Table 1(a) of the Environment and Social Safeguards Standard.

**Note:** For all project Types (A1, A2, A3, B1) that wish to apply for the *S+* label, this section requires new information. Information shall be provided as per the guidance provided in the General Instructions section in paragraph 7, above.

## **Section F. United Nations Sustainable Development Goals (SDG)**

67. This section is optional and voluntary and provides an opportunity to submit information for those GCC Projects which, in addition to reducing greenhouse gases (GHG), voluntarily intend to ensure that their Project Activity demonstrates a given level of contribution towards achieving the United Nations Sustainability Development Goals (SDGs), and provides an opportunity to demonstrate this achievement by obtaining an additional certification label: the *SDG+* label (Bronze, Silver, Gold, Platinum, or Diamond).

68. If the Project Owner(s) select this option, they shall indicate their choice in this form and apply the requirements mentioned in the Project Sustainability Standard.

69. The project owner shall design and define its Project Level SDGs, Targets and Indicators in this form, as per the Table 1 of the Project Sustainability Standard.

**Note:** For all project Types (A1, A2, A3, B1) that wish to apply for the *SDG+* label, this section requires new information. Information shall be provided as per the guidance provided in the General Instructions section in paragraph 7, above.

## Section G. Local stakeholder consultation

### G.1. Modalities for conducting local stakeholder consultations

70. If there are host country rules regarding local stakeholder consultations that are applicable to the Project Activity, provide a summary of the consultations carried out in compliance with the host country rules, including the direct positive and negative impacts identified and how the negative impacts identified will be addressed. If such host country rules do not exist, follow the instructions in paragraphs 71 through 74, below.

71. Describe the local stakeholder consultation process undertaken for the Project Activity and demonstrate how the process complies with the relevant requirements in the GCC rules regarding:

- (a) The scope of local stakeholder consultation.
- (b) The minimum group of stakeholders to be involved.
- (c) The means for inviting stakeholders' participation.
- (d) The information to be made available to stakeholders specifically wrt. E+/S+ performance and SDG impacts due to the project.
- (e) The consultation(s) conducted.

72. For 72 (b) above, provide evidence that invitations were sent to the relevant stakeholders and that their comments were invited. If any of the relevant stakeholders were not invited, provide an appropriate justification.

73. For 72 (c) above, describe the steps/actions taken to invite comments, taking into account local and national circumstances.

**Note:** For all project Types (A1, A2, A3, B1) this section requires new information. For both Type B1 and B2 type projects, additional information than that required in the registered CDM PDD may be required. For all project Types (A1, A2, A3, B1) that wish to apply for the *E+*, *S+*, and/or *SDG+* label, this section requires new and additional information. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### G.2. Summary of comments received

74. Prepare a summary report of the comments received during the local stakeholder consultation and attach the report as **Hata! Başvuru kaynağı bulunamadı..**

75. Provide an executive summary of the comments in this section.

76. Describe complaints from local stakeholders, if any, submitted to the competent authority of the host country and forwarded through the GCC Verifier on the handling of the outcome of the local stakeholder consultation.

**Note:** For all project Types (A1, A2, A3, B1), this section requires new information. For both Type B1 and B2 projects, additional information than that required in the registered CDM PDD may be required. For project Types (A1, A2, B1) that wish to apply for the *E+*, *S+* and/or *SDG+* label, this section requires new and additional information. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### **G.3. Consideration of comments received**

77. Describe how the comments and, where applicable, complaints provided by local stakeholders have been taken into account in this form or in a revised PSF, including a justification if any comments were not incorporated.

**Note:** For all project Types (A1, A2, A3, B1), this section requires new information. For both Type B1 and B2 projects, additional information than that required in the registered CDM PDD may be required. For project Types (A1, A2, B1) that wish to apply for the *E+*, *S+* and/or *SDG+* label, this section requires new and additional information. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

## **Section H. Approval and authorization**

78. Where applicable, indicate whether any host-country clearance is required and has been received from the host country of the project, at the time of submitting the PSF to the GCC. If so, provide the relevant document that demonstrates that the host country has provided the clearance to the Project Owner(s).

**Note:** For all project Types (A1, A2, A3, B1, B2), this section requires new information. This section shall provide information as per the guidance provided in the General Instructions section in paragraph 7, above.

### **Appendix 1. Contact information of the Project Owner(s)**

79. Complete the table for each Project Owner listed in section A.4 in line with details provided in the LOA/LON. Copy and paste the table as needed.

### **Appendix 2. Affirmation regarding public funding**

80. If applicable, attach the affirmation obtained from the entity providing public funding for the Project Activity.

**Appendix 3. Applicability of methodology(ies)**

81. Provide any further background information on the applicability of the selected methodology(ies) and, where applicable, the selected standardized baseline.

**Appendix 4. Further background information on ex-ante calculation of emission reductions**

82. Provide any further background information on the ex-ante calculation of emission reductions. This may include data, measurement results, data sources, etc.

**Appendix 5. Further background information on the monitoring plan**

83. Provide any further background information used when developing the monitoring plan. This may include tables with time series data, additional documentation of measurement equipment, procedures, etc.

**Appendix 6. Summary report of comments received from local stakeholders**

84. Provide a summary report of the comments received from local stakeholders on the Project Activity during and, if any, after the local stakeholder consultation. In the report, also identify stakeholders who have made comments, including comments forwarded by the host country (if applicable) where project is located.

**Appendix 7. Summary of other Program de-registered project (Type B)**

85. For Type B projects, provide a summary of information regarding the de-registered project as detailed below:

- (a) Project registration number with another Program.
- (b) Date of registration of the Project.
- (c) Title of the Project Activity.
- (d) Project de-registration reference number.
- (e) Date of de-registration of the Project.
- (f) Project Participants (authorized by the host / annex 1 country letter of approval).
- (g) Country where project is located.
- (h) Applied methodology(ies) (provide reference and version number(s)).
- (i) Pre-registration changes to the Project Activity.
- (j) Post-registration changes to the Project Activity.

- (k) Crediting Periods.
- (l) Details of previous requests for issuance.
- (m) List of any open issues in the Validation and last Verification Report (e.g., FARs, if any) and how they have been addressed.
- (n) Any other information that you wish to provide that would be necessary or has not been reported in the registered project documents and that may have an adverse impact on the environmental integrity of the Project Activity; and
- (o) A list of all of the registered documents related to this project as available on other Program website and the corresponding URLs.

### **Appendix 8. Further information on determination of bundle in project activity**

86. Provide any further background information used when determining homogenous bundles in bundled project activities. This must be done in with the line with the procedure clarified under Clarification No. 01.

### **Appendix 9. Public declaration for A2 (sub type 2 and 3), B1 & B2 projects on non-continuation from CDM/GHG/NON-GHG programs**

87. If deregistration from CDM/ or under article 6.4 or any Program is not feasible/possible, submit a signed & stamped public undertaking, which states that the Project Owner will never submit any request for Issuance or request for renewal of crediting period to CDM - EB or under article 6.4 or any authority after submission to GCC Program.

## DOCUMENT HISTORY

Version	Date	Comment
V 4.0	27/09/2022	<ul style="list-style-type: none"> <li>▪ Revised version released on approval by Steering Committee as per GCC Program Process.</li> <li>▪ Revised version contains following changes:               <ul style="list-style-type: none"> <li>○ Introduced A3 type projects A2 project sub-types.</li> <li>○ Included revised Declaration by the 'Authorized Project Owner and focal point' on GCC requirements.</li> <li>○ Included modified format for E+/S+/ SDG assessment.</li> <li>○ Revised instructions for filling in the PSF.</li> <li>○ Editorial changes to the document.</li> </ul> </li> </ul>
V 3.2	31/12/2020	<ul style="list-style-type: none"> <li>▪ The name of GCC Program's emission units has been changed from "Approved Carbon Reductions" or ACRs to "Approved Carbon Credits" or ACCs.</li> </ul>
V 3.1	17/08/2020	<ul style="list-style-type: none"> <li>▪ Editorial revisions made               <ul style="list-style-type: none"> <li>○ Revised Table in section B.7.2 on Monitoring-program of risk management actions</li> <li>○ Revised Table in section E.1 on Environmental Safeguards</li> <li>○ Revised Table in section E.1 on Social Safeguards</li> <li>○ Revised Table in section F on United Nations Sustainable Development Goals (SDG)</li> </ul> </li> </ul>
V 3.0	05/07/2020	<ul style="list-style-type: none"> <li>▪ Revised version released on approval by Steering Committee as per GCC Program Process.</li> <li>▪ Revised version contains following changes:               <ul style="list-style-type: none"> <li>○ Change of name from Global Carbon Trust (GCT) to Global Carbon Council (GCC).</li> <li>○ Considered and addressed comments raised by Steering Committee:                   <ul style="list-style-type: none"> <li>➤ during physical meeting (SCM 01, dated 29 Oct 2019, Doha Qatar); and</li> <li>➤ electronic consultations EC01-Round 01 (15.09.2019 – 25.09.2019), EC01-Round 02 (27.03.2020 – 27.06.2020).</li> </ul> </li> <li>○ Feedback from Technical Advisory Board (TAB) of ICAO on GCC submission for approval under CORSIA<sup>45</sup>.</li> </ul> </li> </ul>

<sup>45</sup>See ICAO recommendation for conditional approval of GCC at [https://www.icao.int/environmental-protection/CORSIA/Documents/TAB/Excerpt\\_TAB\\_Report\\_Jan\\_2020\\_final.pdf](https://www.icao.int/environmental-protection/CORSIA/Documents/TAB/Excerpt_TAB_Report_Jan_2020_final.pdf)



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V 2.0	25/06/2019	<ul style="list-style-type: none"><li>▪ Revised version released for approval by the GCC Steering Committee.</li><li>▪ Revised version includes additional details and instructions on the information to be provided, consequent to the latest developments world-wide (e.g., CORSIA EUC).</li></ul>
V 1.0	01/11/2016	Initial version released under the GCC Program Version 1

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