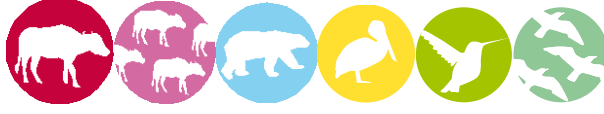


ANNEX R – PASSPORT TEMPLATE

CONTENTS



- A. Project title**
- B. Project description**
- C. Proof of project eligibility**
- D. Unique Project Identification**
- E. Outcome stakeholder consultation process**
- F. Outcome sustainability assessment**
- G. Sustainability monitoring plan**
- H. Additionality and conservativeness deviations**

- Annex 1 ODA declarations**

SECTION A. Project Title

Title: Barbaros Wind Power Plant- 12 MW

Date: 20/06/2016

Version no.: 01

SECTION B. Project description

Starting date of construction activities – starting date of project activity : 01.10.2015

Since renewable energy sources use local sources, they are sustainable, providing energy safety as well as being harmless to the environment locally, nationally and globally. They do not pollute the air, water or land.

In order to contribute to the electricity generation of our country and to popularize electricity generation from wind energy which is considered as one of the most important technologies among the renewable energy resources, Verim Enerji Yatırım Üretim ve Tic. A.Ş. has been granted electricity generation license from EMRA for Barbaros WPP project on 28.06.2012.

Barbaros Wind Power Plant Project pursues both to contribute to providing energy needs of Turkey and to create local industry as well as providing employment. Barbaros Wind Power Plant Project is located in Tekirdağ province, Şarköy district of Turkey and has the installed capacity of 12 MW. Estimated completion date of the entire project is mid-2016. Power plant will include 3 turbines with 3200 kW unit capacity and 1 turbine with 2850 kW unit capacity. Annual electricity generation is calculated as 42.000.0001 KWh which will be transmitted to the national substation at Tekirdağ transformer station through the Asya-Port Distribution Station. Barbaros WPP will provide employment to the project region in terms of qualified staff such as engineers, technicians and machine operators as well as regular personnel since the priority of employment during both the construction period and operation period will be given to the region.

At the present time, even if wind energy cannot answer the energy demand, usage of the wind power plants are increasing day by day. Some of the basic reasons of this increasing are low management expense and unnecessary raw material. Nowadays, mostly fossil fuels are used for electric generation. Due to these fuels have an extinction risk and they are harmful for environment, usage of the alternative energy sources become compulsory.

Wind Turbines are very important about the CO2 emission reduction. Recently Wind Power Plants become popular because of that, energy is generated with natural sources and also these plants do not cause natural source waste.

According to the calculations expected total emission reduction for chosen crediting period is 168507.01 t CO2.

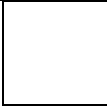
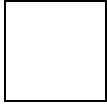
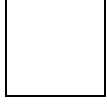


¹ Total capacity and electricity generation retrieved from the Generation Licence of the Barbaros WEPP

Barbaros WPP has obtained electricity generation license from EMRA (Energy Market Regulatory Authority) on 28.06.2012. As stated on the license, foreseen completion date for Barbaros WPP is 28.10.2016. Given a month to test runs, project will start to operation in 28.11.2016.

Barbaros WPP is projected to be financed through both project proponent's own resources and bank loans. However, dialogues in regard to bank loans have not been finalized yet. Barbaros WPP project is in pre-planning phase and has not concluded any agreements with companies regarding equipment and the construction.

SECTION C. Proof of project eligibility

C.1. Scale of the Project

Project Type	Large	Small
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	<input type="checkbox"/>
	<input type="checkbox"/>	X
	<input type="checkbox"/>	<input type="checkbox"/>

	<input type="checkbox"/>
---	--------------------------

C.2. Host Country

Turkey

The host country Turkey does not have a cap on its GHG emissions.

C.3. Project Type

Please tick where applicable:

Project type	Yes	No
Does your project activity classify as a Renewable Energy project?	X	<input type="checkbox"/>
Does your project activity classify as an End-use Energy Efficiency Improvement project?	<input type="checkbox"/>	X
Does your project activity classify as waste handling and disposal project?	<input type="checkbox"/>	X

Please justify the eligibility of your project activity:

Pre Announcement	Yes	No
Was your project previously announced?	<input type="checkbox"/>	X
Explain your statement on pre announcement		

[Metni yazın]

--

C.4. Greenhouse gas

Greenhouse Gas	
Carbon dioxide	X
Methane	<input type="checkbox"/>
Nitrous oxide	<input type="checkbox"/>

C.5. Project Registration Type

Project Registration Type	
Regular	X

Pre-feasibility assessment	Retroactive projects (T.2.5.1)	Preliminary evaluation (eg: Large Hydro or palm oil-related project) (T.2.5.2)	Rejected by UNFCCC (T2.5.3)
	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

SECTION D. Unique project identification

D.1. GPS-coordinates of project location

Table 1 Barbaros Wind Turbines Coordinates²

Coordinate order : Right Up Datum : ED-50 Type : UTM D.O.M. : 27 Zone : 35 Scaling Factor : 6 degree		Coordinate order: latitude, longitude Datum : WGS-84 Type : Geographic D.O.M. : -- Zone : -- Scaling Factor : -----	
Point	Y	X	Y:X
T 1	523957.350	4512669.595	40.76295709:27.28335226
T 2	522761.620	4513041.084	40.76633755:27.26919894
T 3	521467.213	4513238.438	40.76815012:27.25386898
T 4	522918.342	4514509.627	40.77956246:27.27110961
T 5	524363.667	4514991.401	40.78386103:27.28825660
T 6	526163.066	4515624.094	40.78950532:27.30960869
T 7	526882.826	4516042.019	40.79324690:27.31815762
T 8	524502.975	4516924.305	40.80126923:27.28998335
T 9	525118.254	4517243.553	40.80412660:27.29729008
T 10	526372.029	4517812.396	40.80921166:27.31217775

Table 2 Switchyard Coordinates³

Coordinate order : Right Up Datum : ED-50 Type : UTM D.O.M. : 27 Zone : 35 Scaling Factor : 6 degree		Coordinate order: latitude, longitude Datum : WGS-84 Type : Geographic D.O.M. : -- Zone : -- Scaling Factor : -----	
Point	Y	X	Y:X
S 1	526643.111	4515843.224	40.79146392:27.31530777
S 2	526743.111	4515843.224	40.79146068:27.31649305
S 3	526743.111	4515743.224	40.79055984:27.31648878
S 4	526643.111	4515743.224	40.79056309:27.31530351
Total Area	10.000 m²		

² Retrieved from Barbaros WPP Project Description File

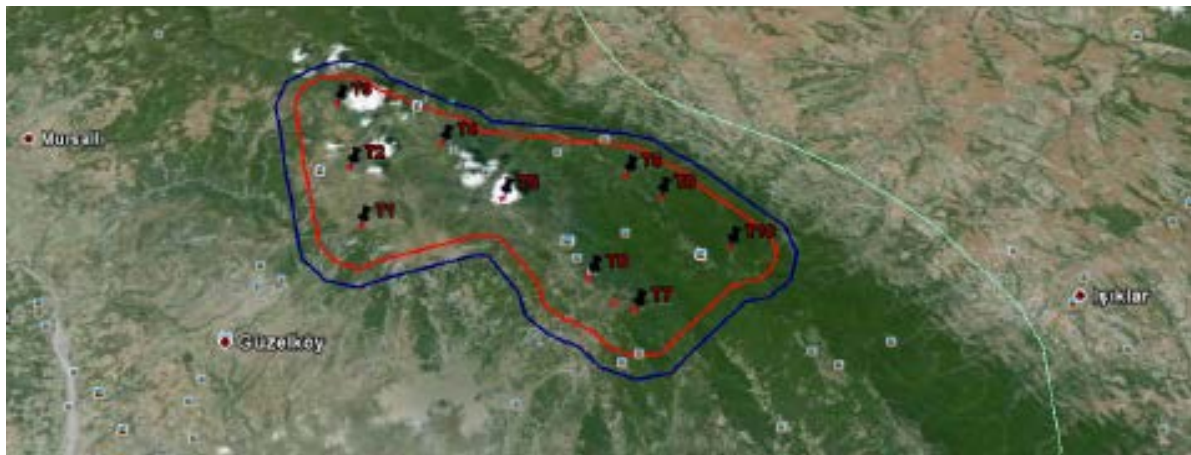
³ Retrieved from Barbaros WPP Project Description File

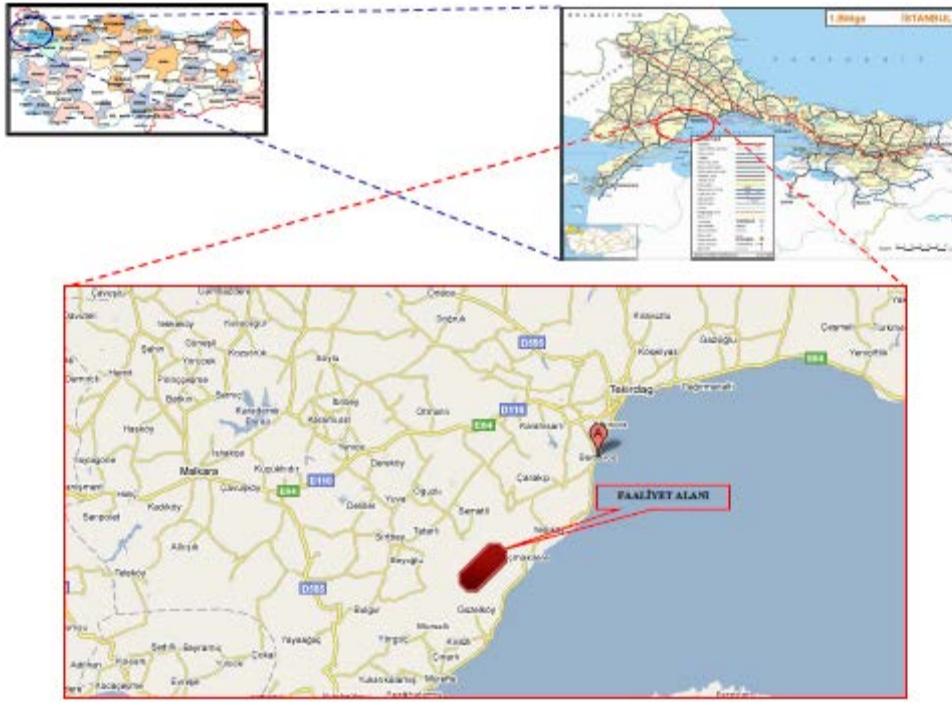
Table 3 Barbaros Power Plant Area Coordinates⁴

Coordinate order : Right Up Datum : ED-50 Type : UTM D.O.M. : 27 Zone : 35 Scaling Factor : 6 degree			Coordinate order: latitude, longitude Datum : WGS-84 Type : Geographic D.O.M. : -- Zone : -- Scaling Factor : -----
Point	Y	X	Y:X
K 1	526372.029	4518722.979	40.81741449:27.31221620
K 2	526827.320	4518600.984	40.81630083:27.31760956
K 3	527160.617	4518267.687	40.81328740:27.32154706
K 4	527263.337	4517884.332	40.80983066:27.32274825
K 5	527607.146	4516363.955	40.79612307:27.32675733
K 6	527693.409	4516042.019	40.79322002:27.32776560
K 7	527584.811	4515636.728	40.78957266:27.32646049
K 8	527317.297	4515369.213	40.78717176:27.32327809
K 9	526529.225	4514911.623	40.78307539:27.31391838
K 10	526229.084	4514831.201	40.78236056:27.31035792
K 11	524784.259	4514565.909	40.78001540:27.29322441
K 12	524348.837	4512598.327	40.76230358:27.28798776
K 13	524312.925	4512464.304	40.76109733:27.28755709
K 14	524162.641	4512314.020	40.75974796:27.28577080
K 15	523957.350	4512259.012	40.75925840:27.28333656
K 16	523823.745	4512294.812	40.75958478:27.28175508
K 17	522678.015	4512652.903	40.76284295:27.26819430
K 18	522650.660	4512660.233	40.76290973:27.26787047
K 19	521406.253	4512844.189	40.76460011:27.25313320
K 20	521261.922	4512882.863	40.76495230:27.25142446
K 21	521111.638	4513033.147	40.76630996:27.24964893
K 22	521056.630	4513238.438	40.76816071:27.24900407
K 23	521111.638	4513443.729	40.77000865:27.24966277
K 24	521201.242	4513533.334	40.77081360:27.25072753
K 25	522442.563	4514867.920	40.78280329:27.26548410
K 26	522613.050	4515038.408	40.78433438:27.26751076
K 27	522839.091	4515098.975	40.78487378:27.27019193
K 28	523897.664	4515359.471	40.78719042:27.28274781
K 29	523697.980	4516945.158	40.80148064:27.28044121
K 30	523800.990	4517329.596	40.80494085:27.28167700
K 31	524097.684	4517626.290	40.80760500:27.28520584
K 32	524438.886	4517717.715	40.80841848:27.28925462
K 33	524904.164	4517796.771	40.80911672:27.29477407
K 34	524982.259	4517817.697	40.80930281:27.29570080
K 35	525653.685	4518337.931	40.81396864:27.30368262
K 36	525916.738	4518600.984	40.81633004:27.30681253

⁴ Retrieved from Barbaros WPP Project Description File

D.2. Map





SECTION E. Outcome stakeholder consultation process

E.1. Assessment of stakeholder comments

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
Will you create employment for local people?	No	Except technical and qualified staff, the investor company will pay special attention and will be happy to employ local people during construction

<p>Will the project be beneficiary for us to have new roads for transportation?</p>	<p>No</p>	<p>We will built new roads for the transportation to the project area since turbines and other equipments will be transported. Transportation will pass through the Ormanlı village and all of the roads will be built and renewed if damaged and you will be able to use these roads for</p>
<p>Once the Turbines will be start to function will the underground water resources will be affected negatively?</p>	<p>No</p>	<p>Since the project will not produce any waste in operation, there will not be any damage on the nature including the underground waste resources.</p>
<p>What will happen to the excavation that will occur during the construction phase?</p>	<p>No</p>	<p>5 holes will be dug for the turbines erection during construction period and all of the excavation will be</p>

E.2. Stakeholder Feedback Round

Please describe report how the feedback round was organized, what the outcomes were and how you followed up on the feedback.

The Stakeholder Feedback Round was started at 04/10/2016 and not finished yet.

E. 3. Discussion on continuous input / grievance mechanism

By the way of continuous input/grievance mechanism, it is aimed to maintain a transparent communication channel with the local stakeholders throughout the crediting period of the project, to obtain the unforeseen issues that arise during the course of a project , to monitor the suggestions of stakeholders about the project, to understand the local conditions with locals' direct experience, to maintain the participation of stakeholders in a more active and continuous way and to increase the mutual trust between the project owner and the local stakeholders.

1. Continuous input/grievance expression process book
2. Telephone access
3. Internet/email access will be the methods to maintain the mechanism.

The comments received through those methods shall/will be documented using the template below which is the template of process book as well. The template book will be in Turkish.

The template of process book;

	Method Chosen (include all known details e.g. location of book, phone, number, identity of mediator)	Justification
Continuous Input / Grievance Expression Process Book		
Telephone access		
Internet/email access		
Nominated Independent Mediator (optional)		

At the LSC meeting, after mentioning about the subject of monitoring, the continuous input & grievance mechanism explained to the participants. The methods of input were explained to ensure that which method will be more appropriate. The process book and where is appropriate to make it available for local people and others were asked to participant. The mediator method was eliminated since locals stated that, "the mediator may be subjective after a while. You say during 7 or more years, people can change, we cannot be sure that he will be objective." The project consultant brought forward the method of process book after that criticism of local people. However, the place of book could not be decided for long time. Actually, it resulted in a clutter. It is foreseen actually since all local authorities may think as the position of process book somehow shows to the reputation and domination. The local people could not give their opinions even the project consultant encourage

them to give comments. At the end of debates, it was decided that the process book will be located at the Pamukören Municipality. The other methods telephone access and internet/email access was explained at the meeting for clearance. After the identification of the exact location of the process book in the municipality building, it will be stated in the GS Passport and PDD as well.

The comments in the book will be checked once in a month, the PP will record changes that are made to the project, acknowledge problems and explain their causes and it was stated at the LSC meeting.

The telephone number for communication will be that of the project site office and project consultant.

The Pamukören town has an internet access. Local people from town are able to use the internet and can give their comments via email. The email addresses of the GS's regional manager, project manager and project consultant will be provided to for the stakeholders to contact.

The calls and emails received will be logged and recorded in the same way as in the book, with the date, comment, action requested and project response recorded for each message. The stakeholders are not required to give their personal details.

If the comments cannot be addressed by the project, or if they are irrelevant, if the desired outcome of the stakeholders cannot be achieved, these are all explained. The PP will give maximum effort to solve the problems raised and be respectful to the views of stakeholders and try to suggest alternative solutions whenever possible.

All issues identified during the crediting period through any of the Methods shall have a mitigation measure in place. The identified issue should/will be discussed in the revised Passport and the corresponding mitigation measure should be added to sustainability monitoring plan.

SECTION F. Outcome Sustainability assessment

F.1. 'Do no harm' Assessment

The host country, Turkey, has ratified:

- ILO Convention 87 (freedom of association) and 98 (right to collective bargaining).
- ILO Convention 29 and 105 on elimination of forced and compulsory labor.
- Convention 138 (minimum age) and Convention 182 (worst form of child labor) under the ILO Declaration on Fundamental Principles and Rights at Work?
- Convention 100 (equal remuneration) and Convention 111 (Discrimination in employment/occupation) under the ILO Declaration on Fundamental Principles and Rights at Work
- UN Convention against Corruption and the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions.

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low/medium/high)	Mitigation measure
HUMAN RIGHTS			
1. The project respects internationally proclaimed human rights including dignity, cultural property and uniqueness of indigenous people. The project is not complicit in Human Right abuses.	The project area is not inhibited by indigenous people. The project does not pose any activity that impedes or obstructs the personal or collective freedom of the citizens in the project districts. The host country has ratified the European Convention on Human Rights. Individuals have the right to apply the European Human Rights Court.	No Risk	No Risk
2. The project does not involve and is not complicit in involuntary settlement.	The project does not cause any resettlement. All the lands to be used for the project are forestry lands. Therefore, there is no private lands and resettle included in this project.	No Risk	No Risk
3. The project does not involve and is not complicit in the alteration, damage or removal of any critical cultural heritage.	There is no cultural heritage or protected natural zone in the project area ⁵ .	No Risk.	No Risk.
LABOR STANDARDS			
4. The project respects the employees' freedom of association and their right to collective bargaining and is	Turkey ratified ILO Convention 87 (freedom of association) and	No Risk.	No Risk.

⁵ Retrieved from Barbaros WPP Project Description File

not complicit in restrictions of these freedoms and rights.	98 (right to collective bargaining). Article 33 of the Turkish Constitution legalizes freedom of association. According to this Article, every citizen has right to form associations or become a member of an association as well as withdraw from membership without prior permission ⁶ .		
5. The project does not involve and is not complicit in any form of forces or compulsory labor.	Turkey ratified ILO Conventions 29.	No Risk.	No Risk.
6 The project does not employ and is not complicit in any form of child labor.	Turkey ratified ILO Conventions 138 for minimum age and 182 against worst forms of Child Labor.	No Risk.	No Risk.
7 The project does not involve and is not in complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other basis.	Turkey ratified ILO Conventions 100 for equal remuneration and Convention 111 against discrimination in employment and occupation under the ILO Declaration on Fundamental Principles and Rights at Work. According to Turkish Labor and Employment Law,	No Risk.	No Risk.

⁶ Turkish Constitution legalizes freedom of association, Article 33.

	no discrimination based on language, race, sex, political opinion, philosophical belief, religion, sex or similar reasons is permissible.		
8. The project provides workers with a safe and healthy work environment and is not complicit in exposing workers to unsafe or unhealthy work environments	The construction of the projects requires intensive labor for construction and machinery / equipment operation. Workers may be exposed to Serious risks on the construction site in terms of occupational hazard and accidents. According to the Project Introductory File of the project, during construction and operation phases of the project "Regulation on Labor Health and Labor Safety" will be followed.	Low.	All the workers will be trained about health & safety issues and the issues related to labor standards will be fully in line with the Labor Law and relevant regulations.
ENVIRONMENTAL PROTECTION			
9. The project takes a precautionary approach in regard to environmental challenges and is not complicit in practices contrary to the precautionary principle.	The construction of the project may incur environmental challenges with some level of harm to human health and environment. The public around the project site maybe exposed to solid and sanitation waste during the	Low.	The construction works will be fully in line with relevant regulations such as "Regulation on the Control of Solid Wastes". In the content of the EIA procedure a

	construction.		<p>Project Introductory File</p> <p>has been submitted to the MOEF. All the possible environmental impacts of the proposed project have been assessed in the PIF and the project received an EIA Exemption Decision on 05/11/2009 as an outcome of this report.</p>
<p>10. The project does not involve and is not in complicit in significant conversion or degradation of critical natural habitats including those (a) that are legally protected (b) officially proposed for protection (c) identified by authoritative resources for their high conservation value or (d) recognised as protected by traditional local communities.</p>	<p>The construction and operation of the project may incur environmental challenges with some level of harm to natural habitats. The natural habitats around the project site maybe exposed to degradation and destruction.</p>	No Risk.	<p>As stated in the Project Introductory File of Barbaros WPP, project area is not located in a natural or cultural heritage area⁷.</p>
Anti-Corruption			
<p>11. The project does not involve and is not complicit in corruption.</p>	<p>No corruption exists in the project. Turkey has</p>	N/A	N/A

⁷ Barbaros WPP Project Description File

	<p>ratified UN Convention against Corruption and the OECD Convention on Combating Bribery of Foreign Public Officials in International Business Transactions</p>		
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F.2. Sustainable Development matrix

[See Toolkit 2.4.2 and Annex I]

Insert table as in section D3 from your Stakeholder Consultation report (Sustainable Development matrix).

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
Gold Standard indicators of sustainable development.	If relevant copy mitigation measure from "do no harm" –table, or include mitigation measure used to neutralise a score of ‘-‘	Describe how your indicator is related to local MDG goals ⁸⁹	Defined by project developer	Negative impact: score ‘-‘ in case negative impact is not fully mitigated score 0 in case impact is planned to be fully mitigated No change in impact: score 0 Positive impact: score ‘+‘
Air quality	The project may cause dust emissions during the construction activities. The expected amount of dust emissions from these activities		Parameters for Target 7.A:1. Sulphur dioxide (SO ₂) emissions / MWh	

⁸ www.mdgmonitor.org

⁹ www.undp.or/mdg

	<p>are calculated to be 0,1 kg/hour and proved that the dust emissions of the project is below the limit of 1,5 kg/hour allowed by the related Industrial Air Pollution Control Regulation. All necessary precautions to ensure the air quality will be taken by the investor. Also, it is expected that the project will not have any negative impact on the closest residential areas in respect to the dust emissions rising from construction works¹⁰.</p>	<p>MDG 7: Ensure Environmental Sustainability</p> <p>Target 7.A: <i>"Integrate the principles of sustainable development into country policies and programs and reverse the loss of environmental resources."</i></p>	<p>2. Nitrogen oxide (NO_x) emissions / MWh.</p> <p>3. Level of dust emissions during construction.</p> <p>The project will contribute to decrease SO₂,NO_x and CO₂ emissions..</p> <p>The renewable energy generated by the project will decrease the rate of fossil fuel in national energy mix, and therefore the combined margin emission factor will be lowered.</p> <p>But still, comparing to the fossil fuel dominated national grid, project's contribution is not expected to be significant.</p>	<p>0</p>
<p>Water quality and quantity</p>	<p>Drinking water and utility water needs during construction and operation phases will be provided by the</p>	<p>MDG 7:</p>		

¹⁰ Industrial Air Pollution Control Regulation

	<p>project owner company and its contractors from Ormanlı village. Providing water from natural and underground sources will be conducted after obtaining necessary permissions from the State Hydraulic Works¹¹.</p>	<p>Ensure Environmental Sustainability</p> <p>Target 7.C: <i>"Halve, by 2015, the proportion of the population without sustainable access to safe drinking water and basic sanitation."</i></p>	<p>Parameter for Target 7.C: Water quantity and cleanliness.</p> <p>The project will not generate any harmful chemical wastes that will cause water pollution.</p>	0
Soil condition	<p>Some amount of earth will be excavated during project's construction activities such as erecting wind turbines and building energy transmission lines and switchyard. All the excavations in the project area will be in line with the Excavated Earth, Construction and Debris Control Regulation #25406, enacted on 18.03.2004.</p>	<p>MDG 7: Ensure Environmental Sustainability</p> <p>Target 7.A: <i>"Integrate the principles of sustainable development into country policies and programs and reverse the loss of environmental resources."</i></p>	<p>Parameter for Target 7.A: Erosion and soil loss. Before the construction start, the geological surveys will be completed and the necessary precautions will be taken.</p> <p>Compared to the previous condition, the project is not expected to cause any changes in soil condition. The project activities do not generate any</p>	0

¹¹ Barbaros WPP Project Description File.

		<p>polluting wastes or chemicals.</p> <p>The amount of excavated earth during construction activities have been calculated as 15950 m³ including wind turbine erections, construction of energy transmission line masts and the construction of switchyard.</p> <p>These excavated earth will be used in landscaping and rehabilitation of ruined land due to slopes.</p> <p>Negative effects of excavated earth, construction and debris wastes on environment and human health will be minimized by taking necessary precautions identified in the Excavated Earth,</p>	
--	--	--	--

			Construction and Debris Wastes Control Regulation #25406.	
Other pollutants	<p>Disposing and stocking the construction and excavation materials will be fully in line with the relevant regulation. Excavated materials will be collected in areas determined by the municipality. Some of the excavated materials will be used for landscaping and filling up the holes.</p> <p>The closest residential area close to the activities is Ormanlı village. In accordance with the 25. Clause of the Regulation on the Assessment and Management</p>	<p>MDG 7: Ensure Environmental Sustainability</p> <p>Target 7.A: <i>"Integrate the principles of sustainable development into country policies and programs and reverse the loss of environmental resources"</i></p>	<p>Parameters for Target 7.A:1. The amount of excavated materials and other wastes</p> <p>.2. Noise pollution and shadow flickering affect to nearest settlements.</p> <p>All the wastes will be collected and disposed in line with the relevant regulation.</p> <p>The project is not expected to cause any noise pollution during operation and since the nearest settlement Ormanlı village is 4,5 km away, shadow flickering effect is not expected</p>	0

	<p>of Environmental Noise, the activities are subject to environmental noise limit of 60 dBA for rural areas. Since the nearest residential area is 4,5 km away to the activity area, the level of noise that will occur is calculated to be below the allowed limits after 200m.</p>		<p>to be irritating in residential areas.</p>	
Biodiversity	<p>The project is totally located in forestry land and there is no endemic, wild or protected species under national or international regulations. There is no agricultural land or wetland around the project area¹².</p> <p>Since the project is located in</p>	<p>MDG 7: Ensure Environmental Sustainability</p> <p>Target 7.B:</p> <p>"Reduce biodiversity loss, achieving, by 2010, significant reduction in the rate of loss."</p>	<p>Parameter for Target 7.B:</p> <p>1. Number of trees affected by the project activities.</p> <p>2. Bird migration route.</p> <p>The investors are obliged to pay reforestation fee to the provincial directorate of forestry and</p>	0

¹² Barbaros WPP Project Description File

	forestry land, there will be need to cut some trees.		water works, determined in relation with the amount of trees that are cut. The project is not expected to cause a negative effect on bird migration routes, but still red lights will be located on wind turbines as a precaution.	
Quality of employment	All the personnel will be trained in accordance with the work security regulations. An emergency plan will be implemented for accidents.	<p>MDG 1: Eradicate Extreme Poverty and Hunger.</p> <p>Target 1.B: <i>"Achieve full and productive employment and decent work for all, including women and young people."</i></p>	<p>Parameter for Target 1.B: Number of training hours.</p> <p>In order to provide a healthy and secure work environment, all the personnel in this project have the rights given by the laws regarding the security standards, working hours and work conditions.</p> <p>For the positions that require skilled personnel, trainings will be conducted by the turbine and</p>	+

			other Electromechanic allyl equipment's manufacturers on site.	
Livelihood of the poor	Not Relevant.	<p>MDG 1: Eradicate Extreme Poverty and Hunger.</p> <p>Target 1.B: <i>"Achieve full and productive employment and decent work for all, including women and young people."</i></p>	<p>The project will contribute income generation in the area. The local people will be given priorities for employment. And the investor will support the social life according to their needs.</p> <p>Despite all the above mentioned benefits, the project will not have a direct effect on the livelihood of the poor.</p>	0
Access to affordable and clean energy services		<p>MDG 7: Ensure Environmental Sustainability</p>	<p>The project will contribute the national grid with clean and national energy source. By this, it will reduce the fossil fuel usage and foreign source dependency.</p>	

	Not Relevant.	<p>Target 7.B:</p> <p>"Reduce biodiversity loss, achieving, by 2010, significant reduction in the rate of loss."</p>	But still, it will not have an effect on local people's access to affordable energy services.	0
Human and institutional capacity	Not Relevant.	<p>MDG 1:</p> <p>Eradicate Extreme Poverty and Hunger.</p> <p>Target 1.B: <i>"Achieve full and productive employment and decent work for all, including women and young people."</i></p>	The investor will implement some socio-economic projects in accordance with the local needs. But still, the project is not expected to have a direct effect on human and institutional capacity in the area.	0
Quantitative employment and income generation	During construction 35-50 people will be employed by the project, and also 15 positions will be employed during operation of	<p>MDG 1:</p> <p>Eradicate Extreme Poverty and Hunger.</p> <p>Target 1.A: <i>"Halve, between 1990 and 2015, the proportion</i></p>	<p>Parameter for Target 1.A: Household income generated by the project.</p> <p>Parameter for Target 1.B: Number of employments</p>	0

	the wind power plant.	<p><i>of people whose income is less than 1\$ a day."</i></p> <p>Target 1.B: <i>"Achieve full and productive employment and decent work for all, including women and young people."</i></p>	<p>provided by the project.</p> <p>The investor will give priorities to local people while selecting staff for both construction and operation phases. As directed and secured by the law, the workers' salaries will not be below the pre-determined amount of annual minimum wage rate⁸. As a result, the employment rate and income generation will increase in the area.</p>	
Balance of payments and investment	Not Relevant.	<p>MDG 8: Develop A Global Partnership For Development.</p> <p>Target 8.D: <i>"Deal comprehensively with the depth</i></p>	<p>Parameter for</p> <p>Target 8.D: Net currency savings due to the reductions in fossil fuel imports. Turkish national grid is mainly dominated by fossil fuel fired thermal power plants.</p> <p>The project contributes to</p>	0

		<i>problems of developing countries."</i>	balance of payments by generating electricity with wind power. But, when compared to national electricity generation, the project's affect will not be very significant.	
Technology transfer and technological self-reliance	Not Relevant.	<p>MDG 8: Develop A Global Partnership For Development.</p> <p>Target 8.F: <i>"In cooperation with the private sector, make available benefits of new technologies, especially information and</i></p>	<p>Parameter for Target 8.F: Number of training hours provided by the manufacturer</p> <p>The electromechanical equipment will be provided from abroad and the manufacturer company will conduct training sessions for the technical staff. The technical staff will be trained as experts on the operation of wind power plant. Barbaros WPP project will build usable and sustainable know-how in the region for a</p>	0

		<i>communications."</i>	technology, where know-how was previously lacked. This capacity building enables spill-over effects to the area by replicating similar projects
Justification choices, data source and provision of references			
Air quality	<p>http://www.teias.gov.tr/ist2007/31(40-07).xls , highlight that the electricity generation mix of Turkey is currently dependent on thermal power plants.</p> <p>The project may cause dust emissions during the construction activities. The expected amount of dust emissions from these activities are calculated to be 0,1 kg/hour and proved that the dust emissions of the project is below the limit of 1,5 kg/hour allowed by the related Industrial Air Pollution Control Regulation¹³ All necessary precautions to ensure the air quality will be taken by the investor. Also, it is expected that the project will not have any negative impact on the closest residential areas in respect to the dust emissions rising from construction works. As precaution, the circulations roads will be irrigated and no explosive material will be used during the constructions.</p>		
Water quality and quantity	<p>Wind Power Plant project operation does not consume surface or groundwater, or discharge wastewater containing heat of chemicals. Drinking water and utility water needs during construction and operation phases will be provided by the project owner company and its contractors from Ormanlı village. Providing water from natural and underground sources will be conducted after obtaining necessary permissions from the State Hydraulic Works¹⁴.</p> <p>Also, the wastewaters and other wastes during the construction will be collected in tanks/containers and these wastes will be transported and disposed by the local municipality. Project Introductory File for Barbaros Wind Power Plant Project in Turkey, prepared by NAZKA Mühendislik, dated Feb 2012.</p>		
Soil condition	<p>The amount of excavated earth during construction activities have been calculated as 15950 m³¹⁵ including wind turbine erections, construction of energy transmission line masts and the construction of switchyard. These excavated earth will be used in landscaping and</p>		

	<p>rehabilitation of ruined land due to slopes.</p> <p>Negative effects of excavated earth, construction and debris wastes on environment and human health will be minimised by taking necessary precautions identified in the Excavated Earth, Construction and Debris Wastes Control Regulation #25406.Project Introductory File for Barbaros Wind Power Plant Project in Turkey, prepared by NAZKA Mühendislik, dated Feb 2012.</p>
Other pollutants	<p>No blasters will be used during project's construction phase and thus no dust pollution, noise or vibration is expected due to blasting activities. Even if the amount of dust pollution assessed and calculated in the PTD file is below the allowed limits of the relevant regulation, the precautions identified in the Industrial Air Pollution Control Regulation #27277, dated 03/07/2009 will be taken. These precautions are;</p> <ul style="list-style-type: none"> • Watering the stocked excavated soil and material to prevent dusting. • Watering the circulation roads in the project area. • Covering top of the materials during transportation by trucks. <p>There will be need to build some access roads and use heavy machinery which may somehow damage the road surfaces, but these damages will be mitigated by the project owner company and these roads will also be renovated.</p> <p>The closest residential area close to the activities is Ormanlı village. In accordance with the 25. Clause of the Regulation on the Assessment and Management of Environmental Noise, the activities are subject to environmental noise limit of 60 dBA for rural areas. Since the nearest residential area is 4,5 km away to the activity area, the level of noise that will occur is calculated to be below the allowed limits after 200m. It is projected that the construction activities will cause noise emission of 87 dbA for 10m away from the project site, Ormanlı village which is 4.5 km distant. Therefore it is expected that the noise level will be even under 87 dbA¹⁶. Sound, as it propagates in the atmosphere, its pressure level decreases. As an example, assuming the spherical propagation, sound level reduces 6 dB per doubling the distance. Hence, the noise from the source reduces as distance increases¹⁷. Effect of turbine noise emissions from 10 turbine masts to the nearest village, Ormanlı, is calculated considering the turbine mast height, turbine coordinates, village coordinates¹⁸ and village elevation¹⁹ has taken into account. According to the project introductory file, the project site elevates between 700m and 800m for 10 turbines. Following</p>

the conservative approach, the lowest value for elevation is adopted. In calculations, spherical weight propagation is considered and the atmospheric absorption hasn't been taken into account. For an ENERCON E82 2000 kW wind turbine, which is one of the brands that the project owner is going to select from, the sound level pressure is given as 102,5 dbA₂₀. According to the calculations²¹ the noise caused by the proposed project in Ormanlı village from 10 turbines operating simultaneously is 25.96 dbA, where for sensitive areas such as containing hospitals, the ideal outdoor noise level is between 35 – 45 db(A) + 0 (hospital) – 5 (evening) = 30 – 40 dbA²². Therefore the noise level of 25.96 db(A) heard outside the nearest residential area to the project site, which is calculated with the worst conditions in order to be on the safe side, has no negative impact for the residents. The only known shadow flicker regulation to date was enacted in Germany, where a court ruled that the maximum allowable flicker would be 30 hours per year²³. Since there are no known national or local regulations that govern shadow flicker in Turkey, the international standards were adopted to determine the potential impacts of shadow flickering. It is clear that there is no standard methodology that all developers adopt when carrying out shadow flicker assessments, and different developers and local authorities have different ways of approaching the assessment. Current guidance to assess shadow flicker in the Companion Guide to PPS22 (2004)²⁴ states that only dwellings within 130 degrees either side of north relative to a turbine can be affected and the shadow can be experienced only within 10 rotor diameters of the wind farm. Considered rotor diameters of market leading five turbine manufacturers vary from 82,50 m to 99,8 m. As the nearest residential spot, Ormanlı Village to be 4,5 km distant to the project site, no shadow flickering effect is expected. The village roads that will be used for access to the project site will be rehabilitated. By the end of the construction, any damage caused will be repaired.

Project Introductory File for Barbaros Wind Power Plant Project in Turkey, prepared by NAZKA Mühendislik, dated Feb 2012.

Biodiversity

The project is totally located in forestry land and there is no endemic, wild or protected species under national or international regulations. There is no agricultural land or wetland around the project area²⁵.

	<p>Since the project is located in forestry land, there will be need to cut some trees.</p> <p>The project site does not lie within any Important Bird Area (IBA).</p> <p>Although the project site is not located on a major migration route, in order to mitigate the risk of collision of birds and bats with the wind turbines, the wind mills will be designed and located appropriately.</p> <p>Project Introductory File for Barbaros Wind Power Plant Project in Turkey, prepared by NAZKA Mühendislik, dated Feb 2012.</p>
Quality of employment	<p>The Project will comply with the 4857 numbered Labor Law and its regulations.</p> <p>The project will be implemented in line with the Turkish Health and Safety Laws and Regulations.</p> <p>For the positions that require skilled personnel, trainings will be conducted by the turbine and other electromechanical equipment's manufacturers on site. All the workers will benefit from trainings on construction health and safety.</p> <p>Also, an Emergency Action Plan will be prepared in case of natural disasters, accidents, etc.</p> <p>Project Introductory File for Barbaros Wind Power Plant Project in Turkey, prepared by NAZKA Mühendislik, dated Feb 2012.</p>
Livelihood of the poor	<p>The company contributes to the livelihood of the poor with in kind contributions for infrastructure improvements.</p> <p>The company will provide in kind contributions to the public institutions and will continue to contribute the livelihood of the poor at Ormanlı village and other settlements around the project area. But, the project does not have a direct impact on livelihood of the poor.</p>
Access to affordable and clean energy services	<p>http://www.teias.gov.tr/ist2007/31(40-07).xls, highlights that the electricity generation mix of Turkey is currently dependent on thermal power plants.</p>
Human and institutional capacity	<p>The workers of the project will be trained and also, the company is ready to provide in kind contributions to the infrastructure improvements in the region. However, no major impact is expected from the project on improvement of the human and institutional capacity in the region.</p>
Quantitative employment and income generation	<p>The project owner is committed to prioritize local labour force (labour force in Ormanlı village and other surrounding settlements) in selecting construction workers. Also, for the operation of the plant, the company will employ workers such as technicians, security staff etc. As directed and secured by the law, the workers' salaries will not be below the pre-</p>

	<p>determined amount of annual minimum wage rate²⁶. As a result the employment rate and income generation in the region will increase.</p> <p>Project Introductory File for Barbaros Wind Power Plant Project in Turkey, prepared by NAZKA Mühendislik, dated Feb 2012.</p>
Balance of payments and investment	<p>The company saves net foreign currency by replacing renewable energy in place of electricity generation from imported fossil fuels. The link: http://www.iea.org/textbase/nppdf/free/2008/Key_stats_2008.pdf shows that Turkey is one of the biggest natural gas importers in the world. And also, the link: http://www.teias.gov.tr/istatistik2008/3.xls shows that Turkey's installed capacity is mostly from thermal sources.</p>
Technology transfer and technological self-reliance	<p>The wind turbines have not been purchased yet. The investor is still communicating with well known foreign turbine manufacturers. After selecting one of the manufacturers a purchase agreement will be made between the manufacturer and the investor company. Such agreement strengthens technology transfer and technological self-reliance in Turkey. The supplier company will provide trainings to the technical staff and this result in a know-how transfer. Imported professional assistance for trainings and external technical support will be the parameters of monitoring this indicator as well as the number of total trainees.</p>

SECTION G. Sustainability Monitoring Plan

Data / Parameter	EGy
Unit	MWh/yr
Description	Net electricity exported to the grid in the year y
Source of data	Meter Reading Forms issued by governmental officers and signed by both parties.
Value(s) applied	The annual electricity fed to the grid is estimated as 42000 MWh.
Measurement methods and procedures	The net electricity is measured continuously by a power meter at the grid interface and recorded monthly
Monitoring frequency	Monthly
QA/QC procedures	<ul style="list-style-type: none"> • A spare meter is used for crosschecking the accuracy and both meters are calibrated if required. • Data measured by meters and will be crosschecked with the data uploaded to PMUM.
Purpose of data	Calculation of emission reductions
Additional comment	

Additional remarks monitoring

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SECTION H. Additionality and conservativeness

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This section is only applicable if the section on additionality and/or your choice of baseline does not follow Gold Standard guidance


H.1. Additionality

Additionality assessment is performed according to the “Tool for the demonstration and assessment of additionality” approved by UNFCCC. Details are available in PDD.

H.2. Conservativeness

Conservative approach has been followed in calculating baseline emission factors and investment analysis sections as detailed in PDD.

ANNEX 1 ODA declaration

 The Gold Standard®
Premium quality carbon credits

ANNEX D - OFFICIAL DEVELOPMENT ASSISTANCE DECLARATION

Date: [Insert Date] 21.06.2016

The Gold Standard Foundation
79 Avenue Louis Casai
Geneva Cointrin, CH-1216
Switzerland

RE: Declaration of Non-Use of Official Development Assistance by Project Owner of [INSERT GS ID 651688 Number]

[Project Owner] VERİM ENERJİ YATIRIM ÖZETİM VE TİC. A.Ş

As Project Owner of the above-referenced project, and acting on behalf of all Project Participants, I now make the following representations:

[Project Representative] EN-LEY ENERSİ A.Ş


I hereby declare that I am duly and fully authorized by the Project Owner of the above-referenced project to act on behalf of all Project Participants and make the following representations:

I. The Gold Standard Documentation

I am familiar with the provisions of The Gold Standard Documentation relevant to Official Development Assistance (ODA). I understand that the above-referenced project is not eligible for Gold Standard registration if the project receives or benefits from Official Development Assistance with the condition that some, or all, of the carbon credits (CERs, ERUs, or VERs) coming out of the project are transferred to the ODA donor country. I hereby expressly declare that no financing provided in connection with the above-referenced project has come from or will come from ODA that has been or will be provided under the condition, whether express or implied, that any or all of the carbon credits issued as a result of the project's operation will be transferred directly or indirectly to the country of origin of the ODA.

II. Duty to Notify Upon Discovery

If I learn or if I am given any reason to believe at any stage of project design or implementation that ODA has been used to support the development or implementation of the project, or that an entity providing ODA to the host country may at some point in the future benefit directly or indirectly from the carbon credits generated from the project as a condition of investment, I will notify The Gold Standard immediately using the Amended ODA Declaration Form provided below.

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III. Investigation

The Gold Standard reserves the right to conduct an investigation into any project it reasonably believes may be receiving ODA with the condition that some or all of the carbon credits from the project will be transferred to the ODA donor country.

IV. Sanctions

I am fully aware that the sanctions identified in The Gold Standard Terms and Conditions may be applied to me or the above-referenced project in the event that any of the information provided above is false or I fail to notify The Gold Standard of any changes to ODA in a timely manner.

I swear that all of the statements contained herein are true to the best of my knowledge.

Signed: _____

Name: _____

Title: _____

On behalf of: _____

Place: _____