

# GOLD STANDARD LOCAL STAKEHOLDER CONSULTATION REPORT



## CONTENTS

### A. Project Description

1. Project eligibility under Gold Standard
2. Current project status

### B. Design of Stakeholder Consultation Process

1. Description of physical meeting(s)
  - i. Agenda
  - ii. Non-technical summary
  - iii. Invitation tracking table
  - iv. Text of individual invitations
  - v. Text of public invitations
2. Description of other consultation methods used

### C. Consultation Process

1. Participants' in physical meeting(s)
  - i. List
  - ii. Evaluation forms
2. Pictures from physical meeting(s)
3. Outcome of consultation process
  - i. Minutes of physical meeting(s)
  - ii. Minutes of other consultations
  - iii. Assessment of all comments
  - iv. Revisit sustainable development assessment
  - v. Summary of changes to project design based on comments

### D. Sustainable Development Assessment

1. Own sustainable development assessment
  - i. 'Do no harm' assessment
  - ii. Sustainable development matrix
2. Stakeholders blind sustainable development matrix
3. Consolidated sustainable development matrix

### E. Discussion on Sustainability Monitoring Plan

### F. Description of Stakeholder Feedback Round

**Annex 1. Original participants list**

**Annex 2. Original feedback forms**

**Annex 3. Copies of invitations**

**Annex 4. Non-technical summary in Turkish**

## **SECTION A. PROJECT DESCRIPTION**

### **A. 1. Project eligibility under the Gold Standard**

Kayadüzü 40 MW WPP is eligible under the Gold Standard due to following conditions:

- 1- Kayadüzü 40 MW WPP is a large scale Wind Power Project according to the rule of UNFCCC.
- 2- Although Turkey has recently ratified Kyoto Protocol, she does not have any emission caps and established DNA to provide letter of approval for VERs. Hence the project is to be evaluated as VER.
- 3- Kayadüzü 40 MW WPP is a renewable energy project
- 4- Kayadüzü 40 MW WPP reduces CO<sub>2</sub>
- 5- Kayadüzü 40 MW WPP does not receive ODA
- 6- Kayadüzü 40 MW WPP was not previously announced to be going ahead without the revenues from carbon credits.

### **A. 2. Current project status**

Kayadüzü 40 MW WPP is in the early stage of development. At the time of stakeholder meeting, financial or equipment agreements were not finalized, thus final project plan was not ready.

Estimated construction date of the project is end of November 2010 and estimated commission date is beginning of 2012.

## **SECTION B. DESIGN OF STAKEHOLDER CONSULTATION PROCESS**

### **B. 1. Design of physical meeting(s)**

#### **i. Agenda**

The following agenda was presented during the meeting

- Opening of the meeting
- Explanation of the project
- Questions for clarification about the project
- Blind SD exercise
- Discussion on monitoring SD
- Closure of the meeting

## ii. Non-technical summary

### **CO2 Emission Reductions by Grid-Connected Electricity Generation from Renewable Sources: Kayadüzü 40 MW Wind Power Project**

#### **Project Idea and Methodical Approach presented by Baktepe Enerji A.Ş. for the Local Stakeholder Consultation Meeting within the Gold Standard VER Process**

**Kayadüzü, 21 September 2010**

#### **Introduction**

BAKTEPE Enerji A.Ş. (BAKTEPE) plans to invest into a new wind power plant to generate electricity and feed it into the Turkish grid. The wind power plant is planned to be built close to Kayadüzü Town of Merzifon district in the province of Amasya in Turkey. The use of wind power for electricity generation saves greenhouse gas (GHG) emissions compared to the conventional generation mix in Turkey. The Gold Standard organisation sets a framework – following the schemes defined by the Kyoto-Protocol for the international trading of emission reductions – for the generation and trading of certificates attesting emission reductions achieved by a project. These certificates are purchased by Turkish and foreign companies and organisations who intend to voluntarily compensate own emissions. Kayadüzü Wind Power Project shall be realised with the help of the Gold Standard VER (Voluntary Emission Reduction) approach that leads to an additional income for the clean electricity generation and thus makes the project economically viable. The Gold Standard VER approach is applicable in countries that are not subject to a GHG emission target defined in the Kyoto-Protocol.

At the meeting in Kayadüzü, the plan to build the wind power project is for the first time presented to the public. The purpose of the meeting is to inform public and stakeholders about the plan and present and discuss social and environmental impacts of the project.

#### **The Project**

The license for 40 MW wind power project in the region of Merzifon district, Amasya was issued in July 2008. At the moment the project is in its planning phase where technical and financial feasibility and environmental impacts are evaluated. Construction work for turbine installation shall begin at the end of November 2010 and turbine installation will follow on. With completion of installation 40 MW wind power project will produce some 128 GWh electricity yearly, leading to annual emission reductions of some 76,000 tons of CO2 compared to conventional generation.

#### **Next Steps**

The above addressed topics will be described in detail in a comprehensive “Project Design Document” (PDD). The inputs from the local stakeholder meeting will enter the document in the context of demonstrating environmental and social impacts and the stakeholder consultation process. After finishing the PDD and before its validation by an independent auditor, a second stakeholder consultation round will take place to present the project design in detail. Attendees of the first meeting will be invited for comments again.

#### **Task for this meeting**

The aim of this meeting is to involve stakeholders in a discussion which focuses on the local social and environmental impacts. The following pages show a checklist that shall be used for discussing and evaluating the expected social and environmental impacts together with the meeting's participants. Please provide positive/negative/neutral evaluation of the given indicators. Please

discuss further the given points and provide explanations.

Further information on the VER Gold Standard

For further information on the Gold Standard foundation and its schemes please consult [www.cdmgoldstandard.org](http://www.cdmgoldstandard.org).

For any questions and comments concerning the proposed project, please contact

**Ebubekir Firtin**

Baktepe Enerji A.Ş

Fahrettin Kerim Gökay Cad. No:34, Altunizade, 34662, Üsküdar/İstanbul/Türkiye

Tel: (+90)-216-5442400 Fax: (+90)-216-5442418 [ebubekir.firtin@ilteketisim.com](mailto:ebubekir.firtin@ilteketisim.com)

**iii. Invitation tracking table**

Category code	Organisation (if relevant)	Name of invitee	Way of invitation	Date of invitation	Confirmation received? Y/N
A	Head of Osmanoğlu Village	Orhan Akgül	Phone	16.09.2010	Y
A	Head of Bayat Village	Mehmet Ören	Phone	20.09.2010	Y
A	Head of Aksungur Village	Mehmet Başalan	Phone	16.09.2010	Y
A	Head of Çavundur Village	Mustafa Demirci	Phone	16.09.2010	Y
A	Head of Çobanören Village	Rasim Bal	Phone	16.09.2010	Y
A	Municipality of Kayadüzü	Bahtiyar Çil	Phone	25.08.2010	Y
A	Municipality of Merzifon	Mehmet Kadri Aydın	Fax	25.08.2010	Y
B	Governer of Merzifon	Mehmet Fatih Geyim	Phone Mail	26.08.2010	Y
B	Amasya Provincial Directorate of Environment and Forestry	Yaşar Kayataş	E-mail	26.08.2010	Y
B	Amasya Provincial Directorate of Agriculture	Ahmet Millici Director	Fax	25.08.2010	Y
B	Amasya Directorate of Culture and Tourism	Ahmet Kaya	E-mail	25.08.2010	Y
B	Amasya Special Provincial Administration	Mustafa Bolat General Secretary	Fax	25.08.2010	Y
C	Ministry of Environment and Forestry, General Directorate of Environmental Management, Department of Air Quality Monitoring	Fulya Somunkıranoglu	Fax	26.08.2010	Y

D	TMMOB Amasya Provincial Coordination Committee	Hüsamettin Seçilmiş	E-mail	26.08.2010	Y
D	TEMA Foundation	Turgut Umur	E-mail	26.08.2010	Y
D	Environment Association	Ferdi Akarsu	Fax	25.08.2010	Y
D	Turkish Women Association Amasya Branch	Engin Aytekin	E-mail	26.08.2010	Y
D	Turkish Association for Energy Economics		E-mail	26.08.2010	Y
E	Gold Standard Local Representative	Nahla Sabet	E-mail	25.08.2010	Y
F	WWF Turkey	Akın Öngör	E-mail	25.08.2010	N
F	Greenpeace Mediterranean		E-mail	25.08.2010	N
F	REC Turkey	Pınar Akpınar	E-mail	25.08.2010	N
F	REEEP	Katrin Harvey	E-mail	25.08.2010	N
F	HELIO		E-mail	25.08.2010	N
F	MERCYCORPS		E-mail	25.08.2010	N

#### iv. Text of individual invitations

**To: Nahla Sabet**

Regional Manager- Africa and Middle East. The Gold Standard Foundation  
19 Dr. Mohamed El Ghoneimy Helal St. Nasr City- Cairo- Egypt  
Tel: +202 2274 5693/ & Fax: +202 2671 1181 & [nahla@cdmgoldstandard.org](mailto:nahla@cdmgoldstandard.org)

**Ankara, 27.08.2010**

**Subject: Kayadüzü 40 MW WPP Local Stakeholder Consultation Meeting**

**Dear Ms. Nahla Sabet,**

**Baktepe Enerji A.Ş. (Baktepe)** is developing a wind power plant project close Kayadüzü Town of Merzifon District in Amasya province, Turkey. While there is positive evaluation of the Ministry of Environment and Forestry on the licensed project, work on technical feasibility of the project continues. With this project, environmental sound and climate friendly electricity production will be feed it into the Turkish grid.

Work on realizing this project as emission reduction project with grid connected electricity generation from renewable sources has been initiated. While Gold Standard Organisation's framework for voluntary projects is open to the countries which do not have emission reduction obligations in framework of Kyoto-Protocol, **Baktepe** will gain additional income for the generation and trading of certificates attesting emission reductions achieved by a project of Verified Emission Reductions (VER). This income will make the project economically viable while at the same time

creating experiences for **Baktepe** to invest for emission reduction projects.

The Gold Standard Scheme sets high demands on the involvement of stakeholders into the project development process with Local Stakeholder Meeting. As **FutureCamp Turkey** on behalf of **Baktepe** we are organizing this meeting in the framework of Gold Standard Scheme. In this meeting, project will be introduced to the participants and assessment will be held.

**Agenda of the Meeting:**

- A. Opening of the meeting
- B. Explanation of the project
- C. Questions for clarification about project explanation
- D. Blind sustainable development exercise
- E. Discussion on monitoring sustainable development
- F. Closure of the meeting

We will be honoured for your participation of the **Local Stakeholder Meeting on 21<sup>th</sup> September 2010 at 14:00, in Kayadüzü, Merzifon District, Amasya/ Turkey**. With you, WWF Turkey, Greenpeace, REC Turkey, REEEP, HELIO and MERCYCORPS have been informed. For the organization please inform your participation to the following telephone number: **+90 312 481 21 42 & +90 533 266 94 30** till **21<sup>th</sup> of September**. In case you could not attend the meeting, please write us your comments to the following address or send us an e-mail.

We hope to realize this environmental sound and climate friendly project with your help and income of Verified Emission Reductions (VER) which will be achieved by framework Gold Standard Organization.

Sincerely.

**Farız Taşdan**

Managing Partner

**v. Text of public invitations**

**v.1 ) Invitation On Local Newspaper:** The announcement dated to **17<sup>th</sup> of September 2010** is published on **Posta Newspaper** announcing the date, time, location and agenda for upcoming stakeholder consultation meeting for Kayadüzü WPP in Merzifon, Amasya / Turkey on 21<sup>th</sup> of October 2010.

**English Translation of announcement:**

**Announcement:** There will be a Public Consultation meeting on 21<sup>th</sup> October 2010 Tuesday. Agenda

of the meeting is as follows:

A. Opening of the meeting, B. Explanation of the project, C. Questions for clarification about project explanation, D. Blind sustainable development exercise, E. Discussion on monitoring sustainable development, F. Closure of the meeting

Place : Municipality Wedding Hall, **Kayadüzü-Merzifon / Amasya**

Date : On Tuesday, 21th October 2010

Time : 14:00

**Organizer of the Meeting: FutureCamp Turkey** in the name of **Baktepe Enerji A.Ş.**

Authorised Person: Farız Taşdan, Tel: 0312 481 21 42 & 0533 266 94 30

e-mail: fariz.tasdan@futurecamp.com.tr

Below you can see scan of original newspaper announcement:

**Ver Posta'ya gitsin!**

Kelimesi: 0.71 TL  
Başlık & Alt Üst Çizgi: 7.10 TL  
Zayı: 0.59 TL  
Fiyatlara KDV Dahildir  
Telefon: 0312 417 21 00 (pbx)

**VASITA**

**HUNTER**  
ENERJİ İçecek'nden yurtiçi ve yurt dışı bayilikler verilecektir. 0212.494 50 33

**DUYURU**  
21/09/2010 Salı Günü **Kayadüzü Rüzgâr Enerjisi Santrali Projesi** Hakkında Bilgilendirme Toplantısı Yapılacaktır. Yapılması Planlanan Toplantının Gündemi Aşağıdaki Gibidir:  
İlgililerin toplantıya katılmasını rica ederiz.  
•Toplantının açılışı  
•Projenin Tanıtılması  
•Proje Tanıtımı ile ilgili soruların alınması  
•Projenin Sürdürülebilir Kalkınmaya Etki Değerlendirmesi  
•Sürdürülebilir Kalkınmanın Denetlenmesine dair Tartışma  
•Kapanış  
Yer: Kayadüzü Belediye Düğün Salonu, Kayadüzü, Merzifon/Amasya  
Tarih: 21 / 09 / 2010, Salı Saat: 14:00  
Toplantıyı Düzenleyen Kuruluş:  
**Baktepe Enerji A.Ş.** adına **FutureCamp Türkiye.**  
Bilgi için: Farız Taşdan  
Tel: 0312 481 21 42 & 0533 266 94 30  
e-mail: info@futurecamp.com.tr

**VOLVO**  
FL10- FL12 Mercedes  
26.29 Mksler 0532.216 46 66

**KAPARI**  
KIRAC' susuz tarıma elverişsiz arazi durumundaki çöleşen arazilerde yetiştir, erazyonu önler. Gıda ilaç kozmetik sanayinde kullanılır. Dönümünde 250 Fidan Dikilir dönümünde buğdaydan patateslen, üzünden, domateslen, arpadan, yulafıdan, mısırdan 40-80 kat daha fazla gelir getirir üretilen meyveler kazandırır aşşarı 80 yıl ömürlü çalması bitkilerdir. 10 dönüm araziye 2500 fidanı 1500TL peşin bakiyesi 2500TL'yi 5 eşit taksitle tahsil edilmek üzere 10 dönüm arazi 4000TL'ye uzmanlarımızca dikilir yetiştir ürünler şirketimizce satın alınır fidanlar 25 Eylül 2010 tarihinden sonra randevulu dikilir.  
SIPARIŞ: 0 532 548 40 67- 0 537 873 19 25  
BİLGİ: 0 312 425 21 99- 0 539 876 94 73  
REFERANS: www.alanturkapani.com  
NOT: Çazıp fiyatlarla bayilik temsilciik verilecektir.

**AVRUPA BİRLİĞİNE SERTİFİKALI PROJE HAZIRLAMA EĞİTİM KURLARI**  
AVRUPA Birliği Kalkınma ajansları, diğer yerel ve yabancı fonların hibe programlarına sertifikalı proje hazırlama eğitim kurslarımız 20-24 Eylül 2010 tarihinde Başkent Öğretmenevi'nde yapılacaktır.

**Kayip**

15 NR 077 plâkalı araçın Ruhsatı kayıbolmuştur. Hükümsüzdür. Özdem Şahn  
22.FP.672 No'lu aracının ruhsatını kaçıranın Mikrosöğütler, Tuzla

Figure 1 Original newspaper announcement

v.2) Invitation in a local shop: Same announcement was presented in various public places of the district; announcing the date, time, location and agenda for upcoming stakeholder consultation meeting

for Kayadüzü WPP in Merzifon, Amasya / Turkey.

**English Translation of announcement:**

**ANNOUNCEMENT**

There will be a Public Consultation meeting on 21<sup>th</sup> October 2010 Tuesday about proposed Kayadüzü Wind Power Project. Agenda of the meeting is as follows:

- Opening of the meeting,
- Explanation of the project,
- Questions for clarification about project explanation,
  - Blind sustainable development exercise,
- Discussion on monitoring sustainable development,
  - Closure of the meeting

Place : Kayadüzü Municipality Wedding Hall, Merzifon / Amasya Date: 21<sup>th</sup> October 2010 Time : 14:00

**Organizer of the Meeting: FutureCamp Turkey** in the name of **Baktepe Enerji A.Ş.**

Authorized Person: Farız Taşdan, Tel: 0312 481 21 42 & 0533 266 94 30  
e-mail: fariz.tasdan@futurecamp.com.tr



**Figure 2 One of the announcements in the district**

**B. 2. Description of other consultation methods used**

The other way of encouraging people to comment on the project was explained in the announcements and invitation letter as writing e-mail, calling or sending letters. Although it is explained in the announcements and invitation letter that it is possible to comment on the project by sending e-mail or just calling, there was no solid feedbacks, comments or questions by phone call or e-mail as a result of these announcements on Kayadüzü 40 MW WPP .

**SECTION C. CONSULTATION PROCESS****C. 1. Participants' in physical meeting(s)****i. List of participants**

<b>Participants list</b>					
Date and time: 21.09.2010 / 14:00					
Location: Kayadüzü, Merzifon/Amasya					
Category Code	Name of participant, job/ position in the community	Male/ Female	Signature	Organisation (if relevant)	Contact details
NA	Ferhat Tözünler Chemical Engineer Trainee	Male		FutureCamp Turkey	<a href="mailto:ferhattozunler@hotmail.com">ferhattozunler@hotmail.com</a> 0536 574 67 37
A	Ramazan Köroğlu	Male		Retired	0542 575 30 72
A	Fahri Sevindik	Male		Retired	0358 545 21 66
A	Zülal Ceylan	Male		Free lance	0358 545 25 04
A	Rıza Azyer	Male		Retired	0358 545 22 14
A	Meram Köroğlu	Male		Retired	0543 673 93 37
A	Seyfi Kaplan	Male		Farmer	0358 545 22 03
A	Bayram Meş	Male		Retired	0358 545 23 65
A	Sadık Azgun	Male		Retired	
A	Veli Cimin	Male		Farmer	0358 545 22 32
A	Emür Can	Male		Retired	0358 545 23 88
A	Bilal Keskin	Male		Retired	0358 545 23 24
A	Hüseyin Kelekçi	Male		Retired	0358 545 20 62
A	Salim Ceylan	Male		Farmer	0358 545 20 83
A	Şükrü Özçelik	Male		Tradesman	0543 683 39 35
A	Mehmet Meç	Male		Tradesman	
A	Muharrem Korkmaz	Male		Retired	0531 504 24 58
A	Mehmet Savaş	Male		Farmer	
A	İbrahim Şahin	Male		Musician	0544 638 86 04
A	NecmiYalçın	Male		Farmer	0543 383 34 74
A	Orhan Akgül	Male		Farmer	0546 898 18 66
A	Cafer Bumka	Male		Retired	0536 329 99 40
A	Mehmet Şahin	Male		Retired	0358 545 24 55
A	Öcal Eker Eker İnşaat	Male		Manager	0530 466 89 41
A	Nurullah	Male		Manager	0364 212 38 09

	Sağlamkaya				0532 645 15 48
A	Hamdullah Doğan	Male		Retired	0542 737 77 81
A	Muharrem Sevindik	Male			0545 834 66 97
A	Sadık Ceylan	Male		Farmer	0531 678 05 25
A	Ali Haydar Ceylan	Male			<a href="mailto:kaptan190@hotmail.com">kaptan190@hotmail.com</a> 0545 340 21 07
A	Selahattin Ceylan	Male		Worker	0531 610 78 31
A	Ali Yerdi	Male		Worker	0358 545 20 41
A	Sadık Şahin	Male		Tradesman	0537 641 96 78
A	Celal Baba	Male		Worker	0536 403 12 98
A	Yılmaz Katırcı	Male		Village Headman	0534 968 67 08
A	Hüseyin Can	Male		Retired	0543 407 27 30
A	Nihat Paslı	Male		Worker	0535 860 31 26
A	Muharrem Paslı	Male		Retired	0358 545 20 66
A	Ramazan Aydoğan	Male		Retired	0358 545 20 86
A	Musa Çil	Male		Retired	0358 545 20 39
A	Sadık Aydoğdu	Male		Retired	0538 441 51 73
A	Hüseyin Tezcan	Male		Retired	0358 545 23 94
A	Sadık Aydoğdu	Male			0543 683 39 13
A	Bayram Özkan	Male		Worker	0358 545 21 59
A	Fikri Paslı	Male		Worker	0537 874 65 91
A	Duren Özkan	Male		Retired	0358 5452332
A	Remzi Yalçın	Male		Retired	0358 545 24 36
A	Doğan Eryaz	Male			0505 604 37 01
A	Mehmet Dilik	Male		Retired	0546 501 46 96
A	Besim Şahin	Male		Worker	0505 393 98 88
A	Mehmet Ören	Male		Village Headman	0541 608 71 90
B	Seyit Ahmet Avcı	Male		Provincial Directorate of Culture and Tourism Director	0530 575 97 35
A	Bahtiyar Çil	Male		Mayor of Kayadüzü	0533 516 92 12

In the consultation process, there were a number of participants from the village, representative of **Provincial Directorate of Culture and Tourism**, Mayor of Kayadüzü, Heads of Osmanoğlu, Bayat, Aksungur, Çavundur, Çobanören Villages and representative of TEMA were in the stakeholder meeting to express their comments and raise their questions. Invited NGOs showed no interest to the meeting. Representative of Baktepe was also present in order to answer related questions. Estimated number of participants is more than 64; 52 of them filled the list. The original signed lists are given in Annex 1.

## ii. Evaluation forms

Please add at least 4-5 representative samples in English.

Please attach original evaluation forms (in original language) as Annex 2.

<b>Name</b>	<b>Şükrü Özçelik</b>
What is your impression of the meeting?	There was a high interest of the community. Attendance of people from the neighbor villages and answering of their questions.
What do you like about the project?	Having no harm to the environment Being clear electricity Having benefits for Turkish economy in the future.
What do you not like about the project?	-
Signature	

<b>Name</b>	<b>Sadık Öztürk</b>
What is your impression of the meeting?	With the help of given information we approve this project.
What do you like about the project?	I decide that this 6 km far project from our town have neither economical nor moral harm to our town.
What do you not like about the project?	
Signature	

<b>Name</b>	<b>Muharrem Korkmaz</b>
What is your impression of the meeting?	It was nice meeting
What do you like about the project?	No polluting for air Continuity without no harm for the nature
What do you not like about the project?	No electricity benefit for our town
Signature	

<b>Name</b>	<b>Öcal Eker-Eker İnşaat</b>
What is your impression of the meeting?	Useful and a nice meeting
What do you like about the project?	Being clear energy, not polluting the environment Providing employment
What do you not like about the project?	None
Signature	

<b>Name</b>	<b>Ümit Can</b>
What is your impression of the meeting?	Explanatory
What do you like about the project?	Preventing the dependence of foreign There should be more such projects around the country
What do you not like about the project?	-
Signature	

<b>Name</b>	<b>Bilal Keskin</b>
What is your impression of the meeting?	We got information about the project. We are satisfied.
What do you like about the project?	At least we made sure that it has no harm to human health
What do you not like about the project?	We are satisfied with the plant will be construct to our town
Signature	

Comments accompanying Annex 2

In total there were 20 comments from the meeting and 6 of them are presented here. Original forms are presented in Annex 2; translations of them are given above in same sequence.

## C. 2. Pictures from physical meeting(s)



Figure 3 A view from the presentation



Figure 4 A view from the meeting



Figure 5 Participants raising their questions and concerns



Figure 6 A view from the meeting

## C. 3. Outcome of consultation process

### i. Minutes of physical meeting(s)

#### Local Stakeholder Consultation Meeting:

The local stakeholder meeting of Kayadüzü 40 MW WPP was held on 21<sup>st</sup> of September 2010, Tuesday, in Kayadüzü Town of Merzifon District, Amasya. Attendants of the meeting mainly included the residents of Kayadüzü Town and Bayat Village. Representative of Cultural and Tourism Directorate of Amasya City, Kayadüzü Town and TEMA Foundation were there to support construction of the WPP. Gold Standard local expert, supporter of Gold Standard Organizations i.e. WWF, Greenpeace, Helio International, REEEP, MercyCorps were informed about project but they did

not attend to the meeting.

The place of the meeting is chosen in Kayadüzü Town as the closest place to the project location. Local people were invited to the meeting in advance by local announcements in the town and in the newspapers.

Before the presentation, agenda of the meeting and non-technical PDD was distributed to the participants for broader view. Project presentation and description was made by FutureCamp Turkey representative including information about project developers, the technology and operation of the power plant, estimated emission reduction amount of the plant, the importance of revenue from emission reduction, information about Gold Standard and the project characteristics which makes this project different from other power plant projects in Turkey. Before passing to blind sustainable development exercise, question and comments were taken from participants about further clarification of project.

After the presentation, he presented blind sustainable exercise to the participants and wanted them to comment on each indicator as positive, negative and neutral. After presentation some questions were raised by participants, which were answered by Baktepe and FutureCamp representatives. The questions and comments raised during the meeting are provided section ii. Assessment of all comments. After questions and comments, representative of TEMA foundation took stage to announce their support for WPP.

Meeting was closed by general support of the local community.

## ii. Assessment of all comments

[See Toolkit 2.6]

Stakeholder comment	Was comment taken into account (Yes/ No)?	Explanation (Why? How?)
Will you employ staff from local community?	Yes	As investing company we gave priority to employ staff from the closest settlements, however there will be requirements of the position for sure.
Is there any risk on our health due to transmission lines of the project.	Yes	There is always a risk around transmission lines, but the project lines will be new and the risk will not be as high as the risk created by existing old lines.
Is there any risk for migrating birds?	Yes	There is no negative impact of the project on migrating birds, while the project is neither on the route of migrating birds nor close to wet land.

## iii. Revisit sustainability assessment

Are you going to revisit the sustainable development assessment?	<b>Yes</b>	<b>No</b>
Please note that this is necessary when there are indicators scored 'negative' or if there are stakeholder comments that can't be mitigated	<input type="checkbox"/>	X

Regular visits will be done by the project developer to meet the villagers in order to answer their questions and share the developments in different project stages.

**iv. Summary of alterations based on comments**

At this stage, there were no comments from stakeholders which substantiate project modification. However, stakeholders are well aware that they can intervene to project development and ask for modifications if deemed necessary for their comfort.

**SECTION D. SUSTAINABLE DEVELOPMENT ASSESSMENT**

**D. 1. Own sustainable development assessment**

**i. 'Do no harm' assessment**

Safeguarding principles	Description of relevance to my project	Assessment of my project risks breaching it (low, medium, high)	Mitigation measure

<b>Human Rights</b>			
1. The project respects internationally proclaimed human rights including dignity, cultural property and uniqueness of indigenous people. The project is not complicity in Human Rights abuses.	The project respects internationally proclaimed human rights including dignity, cultural property.  Turkey is a party to Universal Declaration of Human Rights: <a href="http://ua.mfa.gov.tr/detay.aspx?2634">http://ua.mfa.gov.tr/detay.aspx?2634</a>	Low/none	
2. The project does not involve and is not complicit in involuntary resettlement.	According to the PIF of Kayadüzü WPP there are no settlements areas close to the project site, and therefore no resettlements are necessary <sup>1</sup> .	Low/none	
3. The project does not involve and is not complicity in the alteration, damage or removal of any critical cultural heritage.	According to the Project Information File (PIF), the project does not involve and is in no conflict with critical cultural heritage <sup>2</sup> .	Low/none	
<b>Labour Standards</b>			
4. The project respects the employees' freedom of association and their right to collective bargaining and is not complicit in restrictions of these freedoms and rights	The project respects the employees' freedom of association and their rights. Turkey is a party to ILO Convention 87 Freedom of Association and Protection of the Right to Organise Convention, 1948: <a href="http://ua.mfa.gov.tr/detay.aspx?5305">http://ua.mfa.gov.tr/detay.aspx?5305</a>	Low/none	
5. The project does not involve and is not complicit in any form of forced or compulsory labour.	The project does not involve any form forced labour. Turkey is a party to <u>C29</u> Forced Labour Convention: <a href="http://www.diyih.gov.tr/article.php?article_id=31">http://www.diyih.gov.tr/article.php?article_id=31</a>	Low/none	
6. The project does not employ and is not complicit in any form of child labour.	The project does not involve any form child labour. Turkey is also a party to Convention on Worst Forms of Child Labour since 1999. <a href="http://webfusion.ilo.org/public/db/standards/normes/appl/appl-byCtry.cfm?lang=en&amp;CTYCHOICE=0660">http://webfusion.ilo.org/public/db/standards/normes/appl/appl-byCtry.cfm?lang=en&amp;CTYCHOICE=0660</a>	Low/none	
7. The project does not involve and	The project does not involve	Low/none	

<sup>1</sup> Kayadüzü 40 MW WPP, Project Introduction File, page: 57

<sup>2</sup> Kayadüzü 40 MW WPP, Project Introduction File, page: 6

is not complicit in any form of discrimination based on gender, race, religion, sexual orientation or any other basis.	any form of discrimination in any kind. Turkey is also party to Convention on Discrimination since 1967 to prevent any form of discrimination; <a href="http://webfusion.ilo.org/public/db/standards/normes/app/apply/app-byCtry.cfm?lang=en&amp;CTYC=HOICE=0660">http://webfusion.ilo.org/public/db/standards/normes/app/apply/app-byCtry.cfm?lang=en&amp;CTYC=HOICE=0660</a>		
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	Workers might have occupational accidents during construction and operation phase. According to the PIF of the project, during construction and operational phase of the project "Health and Occupational Safety Regulation" will be followed <sup>3</sup> . Regulation could be found under this link too: <a href="http://www.mevzuat.adalet.gov.tr/html/5116.html">http://www.mevzuat.adalet.gov.tr/html/5116.html</a>	Medium	Necessary health and safety measures will be taken during construction and operation phase, the staff will be trained to be able to work with high voltages.
<b>Environmental Protection</b>			
9. The project takes a precautionary approach in regard to environmental challenges and is not complicity in practices contrary to the precautionary principle. This principle can be defined <sup>4</sup> as: "When an activity raises threats of harm to human health or the environment, precautionary measures should be taken even if some cause and effect relationships are not fully established scientifically."	The project has minimum impact on environment and takes precautionary approach in regard to environmental challenges. According to the PIF of the project all Regulation which entered into force with Environmental Law Numbered 2872 will be followed <sup>5</sup>	Low	
10. The project does not involve and is not complicity in significant conversion or degradation of critical natural habitats, including those that are (a) legally protected, (b) officially proposed for protection, (c) identified by authoritative sources for their high conservation value or (d) recognised as protected by traditional local communities	The project does not involve and is not complicity in significant conversion or degradation of critical natural habitats as it is stated in the PIF. As explained in the 9 <sup>th</sup> safeguarding principle, negative impact of the project activity on the environment would be minimum.	Low	

<sup>3</sup> Kayadüzü 40 MW WPP, Project Introduction File, page: 40

<sup>4</sup> The Wingspread Conference on the Precautionary Principle (1998)

<sup>5</sup> Kayadüzü 40 MW WPP, Project Introduction File, pages: 61-64

<b>Anti-Corruption</b>			
11. The project does not involve and is not complicit in corruption	The project does not involve any kind of corruption. Turkey is a party to United Nation Convention against Corruption since 2006; <a href="http://ua.mfa.gov.tr/detay.aspx?15042">http://ua.mfa.gov.tr/detay.aspx?15042</a>	Low/none	

## ii. 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' assessment, and include mitigation measure used to neutralize a score of '-'	Check <a href="http://www.undp.org/mdg">www.undp.org/mdg</a> and <a href="http://www.mdgmonitor.org">www.mdgmonitor.org</a>  Describe how your indicator is related to local MDG goals	Defined by project developer	<u>Negative impact:</u> score '-' in case negative impact is not fully mitigated, score '0' in case impact is planned to be fully mitigated  <u>No change in impact:</u> score '0'  <u>Positive impact:</u> score '+'
Air quality	The roads will be watered to prevent dust emission.	<b><u>MDG- 7: Ensure Environmental Sustainability</u></b> 7.A Integrate the principles of sustainable development into country policies and programmes and reverse the loss of environmental resources 7. B Reduce biodiversity loss, achieving, by 2010,	Parameter: a) Amount of avoided CO, NMVOC b) Level of dust emissions during construction of the project activity;  Explanation: Due to avoidance of fossil fuel combustion, these emissions will be reduced in parallel to reduced	+

		a significant reduction in the rate of loss	CO <sub>2</sub> . Also dust emissions created during construction of the roads and channel will be decreased by precautions like watering the ground.	
Water quality and quantity		<p><b><u>MDG- 7: Ensure Environmental Sustainability</u></b>  7.C Halve, by 2015, the proportion of the population without sustainable access to safe drinking water and basic sanitation</p>	<p>Parameter: Amount of avoided wastewater to be discharged to the environment by project activity.</p> <p>Explanation: Thermal power plants produce considerable amount wastewater especially due to cooling. By the project activity, significant amount of wastewater discharge will be avoided.</p>	+
Soil condition	There will be land arrangement after construction	<p><b><u>MDG- 7: Ensure Environmental Sustainability</u></b>  7. B Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss</p>	<p>Parameter:  a)Amount of avoided NOx emissions,  b) digging of land due to construction</p> <p>Explanation:  a)Thermal power plants lead to considerable amount of NOx emission which has negative impact to soil condition. By project activity significant amount of NOx emission will be avoided by partially switching of thermal electricity production.</p>	+

			b) there will be land arrangement after construction	
Other pollutants		<p><b><u>MDG- 7: Ensure Environmental Sustainability</u></b>  7. B Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss</p>	Parameters: Noise during operation of power plant  Explanation: During the operation of the wind farm there will be some noise due to turbines. However, there will be no negative impact on the settlement areas in this project due to the distance.	0
Biodiversity		<p><b><u>MDG- 7: Ensure Environmental Sustainability</u></b>  7. B Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss</p>	Parameters: a) Number of endangered species or habitats affected by the project.  Explanation: Generally, position and operation of turbines may have some negative impacts on biodiversity. However, the project area is not a environmental protection zone, thus there will be no negative impact on the environment in this project.	0
Quality of employment	Only staff of operation & maintenance contractor who has climbing certificates will have right to access to	<p><b><u>MDG-1: Eradicate extreme poverty &amp; hunger</u></b>  1.B. Achieve full and productive employment and decent work for all,</p>	Parameter: Certificates related with Health & Safety training of employees  Explanation: Project developer ensures	0

	towers (accessing the turbines).	including women and young people	high standard health and safety conditions for the employees by training.	
Livelihood of the poor		<b><u>MDG-1: Eradicate extreme poverty &amp; hunger</u></b> 1.A.Halve, between 1990 and 2015, the proportion of people whose income is less than \$1 a day	Parameter: Number of locally recruited staff. Explanation: Income generation by local recruitment with project activity will have indirect impacts to changing living standards of the local people.	0
Access to affordable and clean energy services		<b><u>MDG- 7: Ensure Environmental Sustainability</u></b> 7.2 CO <sub>2</sub> emissions, total, per capita and per \$1 GDP (PPP)	Parameter: Clean energy provided for the use of people including the locals  Explanation: The project will help Turkey to reduce high share of energy production with imported fossil fuel	0
Human and institutional capacity		<b><u>MDG-1: Eradicate extreme poverty &amp; hunger</u></b> 1.A.Halve, between 1990 and 2015, the proportion of people whose income is less than \$1 a day	Parameter: Change in income and asset distributions by socio-economic groups  Explanation: Local employment opportunities created by the project will have an impact of income distribution on different socio-economic groups of the village.	0
Quantitative employment and income generation		<b><u>MDG-1: Eradicate extreme poverty &amp; hunger</u></b> 1.A.Halve, between	Parameter: Number of employment  Explanation: The project will	0

		1990 and 2015, the proportion of people whose income is less than \$1 a day	create new employment opportunities on the project area.	
Balance of payments and investment		<b>MDG-8.D Develop a global partnership for development</b> 8.C Deal comprehensively with the debt problems of developing countries through national and international measures in order to make debt sustainable in the long term.	Parameter: Amount of avoided natural gas and coal to be imported  Explanation: Turkey imports nearly all of natural gas and some of the coal consumed. The project will have positive impacts on balance of payments with shifting some of electricity generation from thermal to windpower.	+
Technology transfer and technological self-reliance		<b>MDG-8.F</b> In cooperation with the private sector, make available the benefits of new technologies, especially information and communications.	Parameter: Total number of employee having wind power plant related trainings.  Explanation: With this project, employees will be trained.	0

Government of Turkey and the United Nations system in Turkey, particularly UNDP, pay special attention to MDGs (local MDGs)<sup>6</sup>.

## D. 2. Stakeholders Blind sustainable development matrix

[See Toolkit 2.6.1]

Indicator	Mitigation measure	Relevance to achieving MDG	Chosen parameter and explanation	Preliminary score
-----------	--------------------	----------------------------	----------------------------------	-------------------

<sup>6</sup> See [http://www.mdgmonitor.org/factsheets\\_00.cfm?c=TUR&cd=792](http://www.mdgmonitor.org/factsheets_00.cfm?c=TUR&cd=792)

Gold Standard indicators of sustainable development	If relevant, copy mitigation measure from 'Do No Harm' assessment, and include mitigation measure used to neutralise a score of '-'	Check <a href="http://www.undp.org/mdg">www.undp.org/mdg</a> and <a href="http://www.mdgmonitor.org">www.mdgmonitor.org</a>  Describe how your indicator is related to local MDG goals	Defined by project developer	<u>Negative impact:</u> score '-' in case negative impact is not fully mitigated, score '0' in case impact is planned to be fully mitigated  <u>No change in impact:</u> score '0'  <u>Positive impact:</u> score '+'
Air quality				+
Water quality and quantity				+
Soil condition				0
Other pollutants				0
Biodiversity				0
Quality of employment				+
Livelihood of the poor				+
Access to affordable and clean energy services				0
Human and institutional capacity				+
Quantitative employment and income generation				+
Balance of payments and investment				+
Technology transfer and technological self-reliance				+

Comments resulting from the stakeholders blind sustainable development matrix

- 1 -) Stakeholders have a view that the project has positive impact on air quality
- 2 -) The project will get the water required for electricity production from an existing irrigation channel. There will be no decrease in the irrigation water quantity.
- 3-) The project does not have any impact on soil conditions.
- 4-) The project does not change biodiversity.
- 5-)The project will have positive impact on employment opportunities and economical development.
- 6 -) Generation of electricity in this project will increase investment and cure balance of payment.
- 7 -) With this project there will be a technological transfer which in turn increases technological self-reliance of Country.

Blind exercise with stakeholders resulted with higher positive evaluation of the indicators, but to be more conservative own table will be used also as consolidated table. Local people positively evaluated job creation and benefits of the project on local economy. With these evaluations, the indicators of “Quality of employment”, “Livelihood of the poor”, and “Quantitative employment and income generation” were evaluated positively by stakeholders. However, these indicators are scored neutral in final evaluation in order to be conservative.

### D. 3. Consolidated sustainable development matrix

[See Toolkit 2.4.2]

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’ assessment, and include mitigation measure used to neutralise a score of ‘-’	Check <a href="http://www.undp.org/mdg">www.undp.org/mdg</a> and <a href="http://www.mdgmonitor.org">www.mdgmonitor.org</a>  Describe how your indicator is related to local MDG goals	Defined by project developer	<u>Negative impact:</u> score ‘-’ in case negative impact is not fully mitigated, score ‘0’ in case impact is planned to be fully mitigated  <u>No change in impact:</u> score ‘0’  <u>Positive impact:</u> score ‘+’
Air quality	The roads will be watered to prevent dust emission.	<b><u>MDG- 7: Ensure Environmental Sustainability</u></b> 7.A Integrate the principles of sustainable development into	Parameter: a) Amount of avoided CO, NMVOC b) Level of dust emissions during	+

		<p>country policies and programmes and reverse the loss of environmental resources</p> <p>7. B Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss</p>	<p>construction of the project activity;</p> <p>Explanation: Due to avoidance of fossil fuel combustion, these emissions will be reduced in parallel to reduced CO<sub>2</sub>. Also dust emissions created during construction of the roads and channel will be decreased by precautions like watering the ground.</p>	
Water quality and quantity		<p><b><u>MDG- 7: Ensure Environmental Sustainability</u></b></p> <p>7.C Halve, by 2015, the proportion of the population without sustainable access to safe drinking water and basic sanitation</p>	<p>Parameter: Amount of avoided wastewater to be discharged to the environment by project activity.</p> <p>Explanation: Thermal power plants produce considerable amount wastewater especially due to cooling. By the project activity, significant amount of wastewater discharge will be avoided.</p>	+
Soil condition	There will be land arrangement after construction	<p><b><u>MDG- 7: Ensure Environmental Sustainability</u></b></p> <p>7. B Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss</p>	<p>Parameter: a)Amount of avoided NOx emissions, b) digging of land due to construction</p> <p>Explanation: Thermal power plants lead to considerable amount of NOx emission which has</p>	+

			<p>negative impact to soil condition. By project activity significant amount of NOx emission will be avoided by partially switching of thermal electricity production.</p> <p>b) There will be land arrangement after construction</p>	
Other pollutants		<p><b><u>MDG- 7: Ensure Environmental Sustainability</u></b>  7. B Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss</p>	<p>Parameters:  Noise during operation of power plant</p> <p>Explanation: During the operation of the wind farm there will be some noise due to turbines. However, there will be no negative impact on the settlement areas in this project due to the distance.</p>	0
Biodiversity		<p><b><u>MDG- 7: Ensure Environmental Sustainability</u></b>  7. B Reduce biodiversity loss, achieving, by 2010, a significant reduction in the rate of loss</p>	<p>Parameters:  a) Number of endangered species or habitats affected by the project.</p> <p>Explanation:  Normally, position and operation of turbines may have some negative impact on biodiversity. However, the project area is not an environmental protection zone, thus there will be no negative impact on the environment in</p>	0

			this project.	
Quality of employment	Only staff of operation & maintenance contractor who has climbing certificates will have right to access to towers (accessing the turbines).	<b><u>MDG-1: Eradicate extreme poverty &amp; hunger</u></b> 1.B. Achieve full and productive employment and decent work for all, including women and young people	Parameter: Certificates related with Health & Safety training of employees  Explanation: Project developer ensures high standard health and safety conditions for the employees by training.	0
Livelihood of the poor		<b><u>MDG-1: Eradicate extreme poverty &amp; hunger</u></b> 1.A. Halve, between 1990 and 2015, the proportion of people whose income is less than \$1 a day	Parameter: Number of locally recruited staff Explanation: Income generation by local recruitment with project activity will have indirect impacts to changing living standards of the local people.	0
Access to affordable and clean energy services		<b><u>MDG- 7: Ensure Environmental Sustainability</u></b> 7.2 CO <sub>2</sub> emissions, total, per capita and per \$1 GDP (PPP)	Parameter: clean energy provided for the use of people including the locals  Explanation: The project will help Turkey to reduce high share of energy production with imported fossil fuel	0
Human and institutional capacity		<b><u>MDG-1: Eradicate extreme poverty &amp; hunger</u></b> 1.A. Halve, between 1990 and 2015, the proportion of people whose income is less than \$1 a day	Parameter: Change in income and asset distributions by socio-economic groups  Explanation: Local employment opportunities created by the project will have an impact of income	0

			distribution on different socio-economic groups of the village.	
Quantitative employment and income generation		<p><b><u>MDG-1: Eradicate extreme poverty &amp; hunger</u></b></p> <p>1.A.Halve, between 1990 and 2015, the proportion of people whose income is less than \$1 a day</p>	<p>Parameter: Number of employment</p> <p>Explanation: The project will create new employment opportunities on the project area.</p>	0
Balance of payments and investment		<p><b><u>MDG-8.D Develop a global partnership for development</u></b></p> <p>8.C Deal comprehensively with the debt problems of developing countries through national and international measures in order to make debt sustainable in the long term.</p>	<p>Parameter: Amount of avoided natural gas and coal to be imported</p> <p>Explanation: Turkey imports nearly all of natural gas and some of the coal consumed. The project will have positive impacts on balance of payments with shifting some of electricity generation from thermal to windpower.</p>	+
Technology transfer and technological self-reliance		<p><b><u>MDG-8.F</u></b></p> <p>In cooperation with the private sector, make available the benefits of new technologies, especially information and communications.</p>	<p>Parameter: Total number of employee having wind power plant related trainings.</p> <p>Explanation: With this project, employees will be trained.</p>	0
<p><b>Justification choices, data source and provision of references</b></p> <p>A justification paragraph and reference source is required for each indicator, regardless of score</p>				
Air quality	<p>Electricity generated from the wind power plants partially substitute electricity generation from fossil fuel fired power plants that represent a large share of the Turkish grid generation mix. Thus, besides greenhouse gases, all other air pollutants (e.g. SO<sub>x</sub>, NO<sub>x</sub>), particle and VOC emissions are avoided by the project activity. For CO and NMVOC emission amount see TUIK:</p>			

	<p><a href="http://www.tuik.gov.tr/PreHaberBultenleri.do?id=6276&amp;tb_id=8">http://www.tuik.gov.tr/PreHaberBultenleri.do?id=6276&amp;tb_id=8</a>; For net electricity generation in 20078 see TEİAŞ: <a href="http://www.teias.gov.tr/istatistik2008/30(84-08).xls">http://www.teias.gov.tr/istatistik2008/30(84-08).xls</a>.</p> <p>Dust emergence connected to the project activity appears only for a short time during the construction phase and will be caused by digging foundations, land arrangement works and construction. Project developer takes all precautionary actions to prevent dust according the PIF and Regulations<sup>7</sup>. Hence, we can conclude that there will be minimum impact of the dust emissions on the project area. The mitigation measures as watering the roads will be monitored once for the construction by statement from head of village.</p> <p>Therefore, in the SDM the positive effect of the project on the air quality is scored with (+). The positive impact of wind power on air quality is described in Sustainability Monitoring Plan (section G) of GS Passport. Net project generation shall serve as evidence of positive impact of the project activity on this indicator and will be monitored annually as indicated in Section G.</p>
Water quality and quantity	<p>In the baseline, thermal power plants discharges significant amount of waste water to the environment after usage for cooling etc. Hence, with the project activity considerable amount of water discharge will be avoided with substituting partially thermal power plants. For Wastewater discharged by thermal PPs in 2008 see: <a href="http://www.turkstat.gov.tr/PreHaberBultenleri.do?id=6171&amp;tb_id=2">http://www.turkstat.gov.tr/PreHaberBultenleri.do?id=6171&amp;tb_id=2</a>.</p> <p>During operation of project activity only small amount of waste water to be discharged environment. Wastewater production is due to daily consumption of workers. Since significant amount of wastewater will be avoided by the project activity, positive score is given to this indicator. Amount of avoided wastewater to be discharged to the environment will be monitored during operation of the project activity as described in the Sustainability Monitoring Plan (section G) of GS Passport.</p>
Soil condition	<p>In the baseline, thermal power plants emits significant amount of NO<sub>x</sub> which have negative impact to the quality of soil. The adverse affect of emissions of NO<sub>x</sub> on soil conditions is acid rains <a href="http://www.epa.gov/acidrain/what/index.html">http://www.epa.gov/acidrain/what/index.html</a>. Acid rains can damage soil conditions badly. With proposed project activity significant amount of NO<sub>x</sub> emission will be avoided due to substituting partially thermal power plant electricity generation. For NO<sub>x</sub> emission amount see TUIK: <a href="http://www.tuik.gov.tr/PreHaberBultenleri.do?id=6276&amp;tb_id=8">http://www.tuik.gov.tr/PreHaberBultenleri.do?id=6276&amp;tb_id=8</a>; For net electricity generation in 2008 see TEİAŞ: <a href="http://www.teias.gov.tr/istatistik2008/30(84-08).xls">http://www.teias.gov.tr/istatistik2008/30(84-08).xls</a>.</p> <p>Another parameter that will be checked is land arrangement after construction to mitigate damages on land.</p> <p>Therefore, in the SDM the positive effect of the project on the soil condition is scored with (+). Amount of avoided NO<sub>x</sub> emission by the project activity will be monitored as described in the Sustainability Monitoring Plan (section G) of the GS Passport</p>

<sup>7</sup> Kayadüzü 40 MW WPP, Project Introduction File, page:62

Other pollutants	<p>For this indicator, noise is defined as relevant parameter with the project activity. Since impact of noise can be significant only close area of the project, surrounding area of the project activity is selected as impact assessment boundary and for the baseline, continuation of current situation which is noise stemming from wind, movement of leaf and daily life in the close villages.</p> <p>In the context of the wind farms noise of the turbines can be considered under other pollutants. The distance of the project to closest settlement (Çobanören village) is more than 2 km. While noise level is 37.04 dBA in 250 meter from WPP, regarding Distance Related Noise Graphic for industrial plants according to Regulation of Assessment and Management of Environmental Noise, the noise level from Kayadüzü WPP is far below allowed level<sup>8</sup> i.e., the noise caused by the wind turbines will not affect the villages in the area. Therefore, in the SDM the negligible effect of the project on the other pollutants is scored with (0).</p>
Biodiversity	<p>The project area does not consist of forestry land positioned on the hills and it is not natural protection zone. According to PIF, there is no environmental protection area or a wetland close to the project area<sup>9</sup>. Therefore, in the SDM the negligible effect of the project on biodiversity is scored with (0).</p> <p>Since the impact of the parameter, i.e. number of endangered species or habitats affected by the project to this indicator scored zero, it will not be monitored.</p>
Quality of employment	<p>In context of wind power projects, height of the towers and rotating parts (such as blades) has some accident risks. Only trained and certificated personnel shall have access to turbines. For Kayadüzü WPP operation &amp; maintenance contractor has the sole responsibility for operation and maintenance. Hence, only trained and certificated staff of the contractor has right to access to towers, climb and perform necessary actions on turbines in case of emergency or fault. Therefore, there is no project related safety risk for this project.</p> <p>Project developer will also ensure healthy and safe working conditions for the employers with internal procedures and equipments. Some of the technical personnel will have training to get certificate for working at high voltage level as requested by local Regulations. Trainings and certificates provided will increase their capacity to be able to work in such an environment. All the trainings will be in accordance with Regulations of Ministry Labour and Social Security: <a href="http://www.isguvenligi.net/mevzuat/4857_isig_yonetmelikleri/is_sagligi_ve_guvenligi_yonetmeligi.pdf">http://www.isguvenligi.net/mevzuat/4857_isig_yonetmelikleri/is_sagligi_ve_guvenligi_yonetmeligi.pdf</a></p> <p>Since this indicator is scored with neutral, chosen parameter which is Health &amp; Safety conditions of employers will not be monitored but parameter of defined mitigation measure which is 'accessing the turbines' will be monitored as described in the Sustainability Monitoring Plan (section G) of the GS Passport.</p>
Livelihood of	Local recruitment will have an impact on living standards of the local people. It is

<sup>8</sup> Kayadüzü 40 MW WPP Project Introduction File (Pages 28-62)

<sup>9</sup> Kayadüzü 40 MW WPP Project Introduction File (Pages 49-56)

the poor	<p>planned during construction 20 and during operation 5 staff will be employed in the plant<sup>10</sup>. The stakeholders also confirmed that the project will have positive impacts on the livelihood of the poor by scoring (+) to this indicator. Income level groups in Turkey can be found: <a href="http://www.tuik.gov.tr/PreHaberBultenleri.do?id=8369">http://www.tuik.gov.tr/PreHaberBultenleri.do?id=8369</a>. Percentages of population living under poverty line can be found in: <a href="http://www.tuik.gov.tr/PreHaberBultenleri.do?id=4151">http://www.tuik.gov.tr/PreHaberBultenleri.do?id=4151</a></p> <p>As the monitoring of direct positive impacts of this parameter on livelihood of the poor is very difficult, this parameter is scored (0) in the SDM to be conservative. Since this indicator is scored zero and no mitigation measure is required chosen parameter, i.e. total local order placement, will not be monitored.</p>
Access to affordable and clean energy services	<p>As a local energy source, wind power helps to mitigate Turkey's high import dependency and thus improves the access to energy services, especially in the scenarios of import stops or energy price hikes. The International Energy Agency criticizes dependency on oil and gas imports and demands for expansion of renewable energy in Turkey (cf. IEA: Energy Policies, Turkey 2005 review, 2005, pages 85, 100 and 129). However, as the improved access to energy services does not affect the local public (as the electricity is delivered to the grid) and cannot be assigned to specific consumers and therefore not be monitored, a conservative score of zero is applied to this indicator.</p> <p>Since this indicator is scored with zero and there is no mitigation measure for this indicator, chosen parameter, i.e. change in energy use of local people, will not be monitored.</p>
Human and institutional capacity	<p>With the Project activity, income of local people employed in the plant will increase which will also have impact on income and asset distributions by socio-economic groups. It is planned during construction 20 and during operation 5 staff will be employed in the plant<sup>11</sup>. Also project developer is recruiting personnel for security or construction of the project from close villages, subcontractors are also from the same region.</p> <p>However, monitoring of direct positive impacts of this parameter on human and institutional capacity is practically not possible, thus, this parameter is scored (0) in the SDM to be conservative. Since this indicator is scored zero and no mitigation measure is required chosen parameter, i.e. total local order placement, will not be monitored.</p>
Quantitative employment and income generation	<p>Within the construction of the project, there will be created employment opportunities for workers. It is planned that, during construction 20 and during operation 5 staff will be employed in the plant. However, since it couldn't be clearly substantiated that wind power plants lead to higher employment comparing with conventional power plants such, this indicator is scored with zero (0) in the SDM.</p> <p>Since, the impact of the parameter to this indicator is scored neutral, Number of employment (during construction and operation phase) will not be monitored.</p>

<sup>10</sup> Kayadüzü 40 MW WPP Project Introduction File (Pages 16)

<sup>11</sup> Kayadüzü 40 MW WPP Project Introduction File (Pages 16)

<p>Balance of payments and investment</p>	<p>The project and its role in strengthening the sustainable sector of electricity generation in Turkey tend to contribute to mitigation of import dependency. The project generation will shift correspondent amount of natural gas fired electricity generation. With this, payments for natural gas imported will decrease. Hence the project will have positive impact on this indicator and it is scored with (+) in the SDM. For reference see TEİAŞ statistics for 2008: <a href="http://www.teias.gov.tr/istatistik2008/index.htm">http://www.teias.gov.tr/istatistik2008/index.htm</a>. Hence the project will have positive impact on this indicator and it is scored with (+) in the SDM.</p> <p>The positive effect of the project to this indicator is described in Sustainability Monitoring Plan (section G) of the GS Passport. Share of natural gas fired electricity in Turkish electricity mix will be reported to show continuous positive impact of the project as described in section G.</p>
<p>Technology transfer and technological self-reliance</p>	<p>As the project developer is a Turkish company using the returns from the GS VER project to enable the realization of the wind power plant, the Turkish capabilities, competencies and self-reliance regarding the introduction of innovative technologies are strengthened. The project developer considers the investment into and the operation of a new technology in Turkey as a contribution to technological self-reliance due to the gathered experience with the proposed project. And some of the employees will be trained for wind power plant related issues<sup>12</sup>. However, since it is difficult to substantiate and monitor that these trainings will lead an important know-how and technology transfer, this indicator is scored with (0) in the SDM, to be conservative.</p> <p>Since this indicator is scored zero and no mitigation measure is required chosen parameter, i.e. total number of employee having operation and maintenance certificates will not be monitored</p>

---

<sup>12</sup> Kayadüzü 40 MW WPP Project Introduction File (Pages 40-43)

## **SECTION E. DISCUSSION ON SUSTAINABILITY MONITORING PLAN**

As the plant cannot be constructed without the consensus of the stakeholders, participation of the villagers in the processes becomes highly crucial. It was discussed that stakeholders could help monitoring the sustainable development indicators related to local employment.

Monitoring plan will include monitoring of air quality, water quality and quantity, soil condition and balance of payment and investment. Among these indicators, there is no indicator that can be monitored by local people.

Local community will be interviewed during validation meeting in terms of local employment.

## **SECTION F. DESCRIPTION OF THE DESIGN OF THE STAKEHOLDER FEEDBACK ROUND**

Following the LSC, the PDD and GS Passport will be completed during November 2010. As soon as these documents are finalized, both validation and stakeholder feedback round will be initiated.

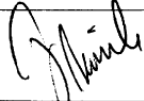

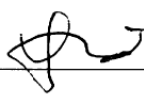
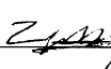
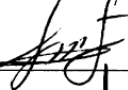
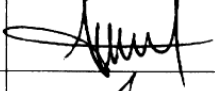


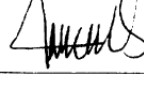


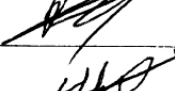
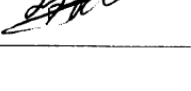
The stakeholder feedback round will include:

- LSC report, PDD, GS Passport will be uploaded to a Turkish website (either project developer's website or FutureCamp website)
- Letters will be sent to the stakeholders which were invited via letter to the LSC meeting referring to the available documentation, describing the procedure and asking for comments.
- Public announcement will be done at project site and neighboring villages, pointing to available documents in the internet as well as print-outs in mayor's office and the place of the LCS meeting (or adequate alternative with public access).
- LSC report will be available in Turkish, PDD and GS Passport in English
- Announcements and documents will contain clear contact data (Address, Telephone, and E-mail of project developer) where stakeholders can leave comments and ask questions.

The stakeholder feedback round shall be finalized after two months, thus December 2010.

## ANNEX 1. ORIGINAL PARTICIPANTS LIST

## Participation list1:

KAYADÜZÜ RES PROJESİ				
YEREL HALK DANIŞMA TOPLANTISI KATILIMCI LİSTESİ				
Tarih / Saat: 21.09.2010				
Yer: Kayadüzü, Merzifon / Amasya				
Adı, Soyadı / Mesleği	Cinsiyet (Erkek/Kadın)	İmza	Çalıştığı Kuruluş	İletişim Bilgileri (Telefon, E-Mail)
Ferhat Tözünler Kimya Mühendisi	Erkek		FutureCamp Türkiye	ferhattozunler@ hotmail.com 05365746737
Ramazan Köroğlu	Erkek		S.S.K EMEKLİ	05425753070
Fahri Sarıoğlu	Erkek		S.S.K EMEKLİ	0358 5472166
Zülalceylan	Erkek		S.S.K	0358 5452504
Rıza Arzu	erkek		Emekli	5452211
Meram Köroğlu	Erkek		Emekli	0543 6739337
Seydi Koptan	Erkek		Gıfır	5452203-
Bayram MEŞ	Erkek		Emekli	5452365
Sadık AZGÜN	1111		Emekli	—
İlhan Çimin	Erkek		Çiper	5452232
Emür Can	Erkek		Emekli	5452388
Bilal Kestkin			Emekli	5452324
Hüseyin Keldemir	Erkek		Emekli	5452062

Participation list2:

KAYADÜZÜ RES PROJESİ				
YEREL HALK DANIŞMA TOPLANTISI KATILIMCI LİSTESİ				
Tarih / Saat:				
Yer:				
Adı, Soyadı / Mesleği	Cinsiyet (Erkek/Kadın)	İmza	Çalıştığı Kuruluş	İletişim Bilgileri (Telefon, E-Mail)
Salim Çaylan	Erkek		Çiftçi	56320 83
Şirkin ÖZGELİK	Erkek		Emekli	0543 683 3935
Mehmet Mueş	Erkek		Emekli	
Mehmet Korkmaz	Erkek		Emekli	0531 504 2458
Mehmet Saues	Erkek		Çiftçi	
İbrahim ŞAHİN	Erkek		Arşivyer	0544 638 8604
Necmi Yalçın	Erkek		Çiftçi	0543 383 3674
John Akçob	Erkek		Çiftçi	0546 895 566
Cafer Bamba	Erkek		Emekli	0576 329 9360
Mehmet Sadık	Erkek		Emekli	0758, 545 2655
Öcal EKER EKER İNSAN	Erkek		Yönetici	0530 466 89 41
Murullah Sağlamkaya Merkez Elk mülh Tis. San.İd.Şti.	Erkek		Yönetici	0.364.22.3809 0.532.6451548
Doğan Hamdullah	Erkek		Emekli	0562 737 7751

Participation list3:

KAYADÜZÜ RES PROJESİ				
YEREL HALK DANIŞMA TOPLANTISI KATILIMCI LİSTESİ				
Tarih / Saat:				
Yer:				
Adı, Soyadı / Mesleği	Cinsiyet (Erkek/Kadın)	İmza	Çalıştığı Kuruluş	İletişim Bilgileri (Telefon, E-Mail)
Mehmet DEVİNDİK	ERKEK			545 894 66 97
Sadık CEYLAN	Erkek		Giftçi	05316780525
Ali Noytar Ceylan	Erkek			kaptan190@nabucel.com 05452102107
Cellal Seten	Erkek		İŞÇİ	05316107871
Ali Yerdi	Erkek		İŞÇİ	54 520 41
Sadık Bahin	Erkek		ESNAF	05376419678
Celal Baba	Erkek		İŞÇİ	0536403128
Yılmaz Kocman	Erkek		muhtar	05349686408
Hüseyin can	Erkek		Emekli	05243407273
Nihat Paşa	Erkek		İŞÇİ	0535960518
Muharrem PASLI	Erkek		Emekli	5452066
Sydağ de Ramazan	Erkek		Emekli	5452086
Musrafi	Erkek		Emekli	5452039

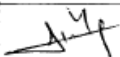
Participation list4:

KAYADÜZÜ RES PROJESİ				
VEREL HALK DANIŞMA TOPLANTISI KATILIMCI LİSTESİ				
Tarih / Saat:				
Yer:				
Adı, Soyadı / Mesleği	Cinsiyet (Erkek/Kadın)	İmza	Çalıştığı Kuruluş	İletişim Bilgileri (Telefon, E-Mail)
Sadık Aydoğdu E.	Erkek		Emekli	0538441173
Hüseyin Tazcan	Erkek		Emekli	5450394
Sadık Aydoğdu	Erkek		Çalışıyor	0943683393
Başram Özcan	Erkek		İşçi	03585452159
İrfan Örsel	Erkek		İşçi	05378746591
Duran Özcan	Erkek		Emekli	0358545232
Remziye Güler	Erk.		Emekli	03585457446
Rajon Ersoz	Erkek		VAZİFSİZ	0505-604-37-01
Memet Özlü	Erkek		Emekli	85665014696
Basim ŞAHİN	İTİFAK		İşçi	05053931288
Mehmet ÖZGEN	ER.		BAYAT köy muhtarı	05416087750
Levent Ahmet Avcı	E		11 Kalkınma ve Ticaret Müd.	05105779435
Bahattin Gül	Erkek		Kaymakamın Bazmanı	05335169212

## Evaluation form 1:

21.09.2010


KAYADÜZÜ RÜZGÂR ENERJİ SANTRALI YEREL HALK DANIŞMA TOPLANTISI  
DEĞERLENDİRME FORMU

Adı, Soyadı	Sükrü Özselik
Toplantı hakkında izlenimleriniz nelerdir?	Vatandaşların ilgisini iyiyetli kamusal kâğıtlardan gelen vatandaşların beklentileri ve aklındaki soruların sorulması ilertye dâimce cevaplanması.
Projenin beğendiğiniz yönleri nelerdir?	Gevreyi kışletmemesi Tentz elektrik olması Türkiye ekonomisine ilerde işler fayda sağlayacağı olması
Projenin beğenmediğiniz yönleri nelerdir?	
İmza	

## Evaluation form 2:

21.09.2010

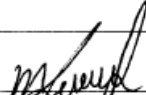
KAYADÜZÜ RÜZGÂR ENERJİ SANTRALI YEREL HALK DANIŞMA TOPLANTISI  
DEĞERLENDİRME FORMU

Adı, Soyadı	Çadık Çizürk - Kayadüzü k.s -
Toplantı hakkında izlenimleriniz nelerdir?	İçindiğimiz duşulara göre Bu süreci uygun görüyorum
Projenin beğendiğiniz yönleri nelerdir?	Kasabamızca b-kl metne uzaklaş o hep Kasabamızca malki ce manenti zararı olmadığına karar verdim
Projenin beğenmediğiniz yönleri nelerdir?	
İmza	 20-9-2010

## Evaluation form 3:

21.09.2010

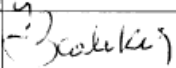
KAYADÜZÜ RÜZGÂR ENERJİ SANTRALI YEREL HALK DANIŞMA TOPLANTISI  
DEĞERLENDİRME FORMU

Adı, Soyadı	Mubarram Korkmaz
Toplantı hakkında izlenimleriniz nelerdir?	Bilgilendirme güzel bir toplantı,
Projenin beğendiğiniz yönleri nelerdir?	Havanın kirlenmesi tabiiatın bozulmadan devam etmesi
Projenin beğenmediğiniz yönleri nelerdir?	Kasabemizin elektrikten faydalanmaması
İmza	

## Evaluation form 4:

21.09.2010


KAYADÜZÜ RÜZGÂR ENERJİ SANTRALI YEREL HALK DANIŞMA TOPLANTISI  
DEĞERLENDİRME FORMU

Adı, Soyadı	Öcal EKER - EKER İNŞAAT
Toplantı hakkında izlenimleriniz nelerdir?	Okunlu ve güzel bir toplantı
Projenin beğendiğiniz yönleri nelerdir?	- Temiz enerji olması çevreye kirlenmesi - İstihdamın sağlanması
Projenin beğenmediğiniz yönleri nelerdir?	Yok
İmza	

## Evaluation form 5:

21.09.2010


KAYADÜZÜ RÜZGÂR ENERJİ SANTRALI YEREL HALK DANIŞMA TOPLANTISI  
DEĞERLENDİRME FORMU

Adı, Soyadı	İsmik esn
Toplantı hakkında izlenimleriniz nelerdir?	Açıklyor.
Projenin beğendiğiniz yönleri nelerdir?	Dişo beğeniligi, önlenesi, abhında fets yayınat ilke purlne
Projenin beğenmediğiniz yönleri nelerdir?	
İmza	

## Evaluation form 6:

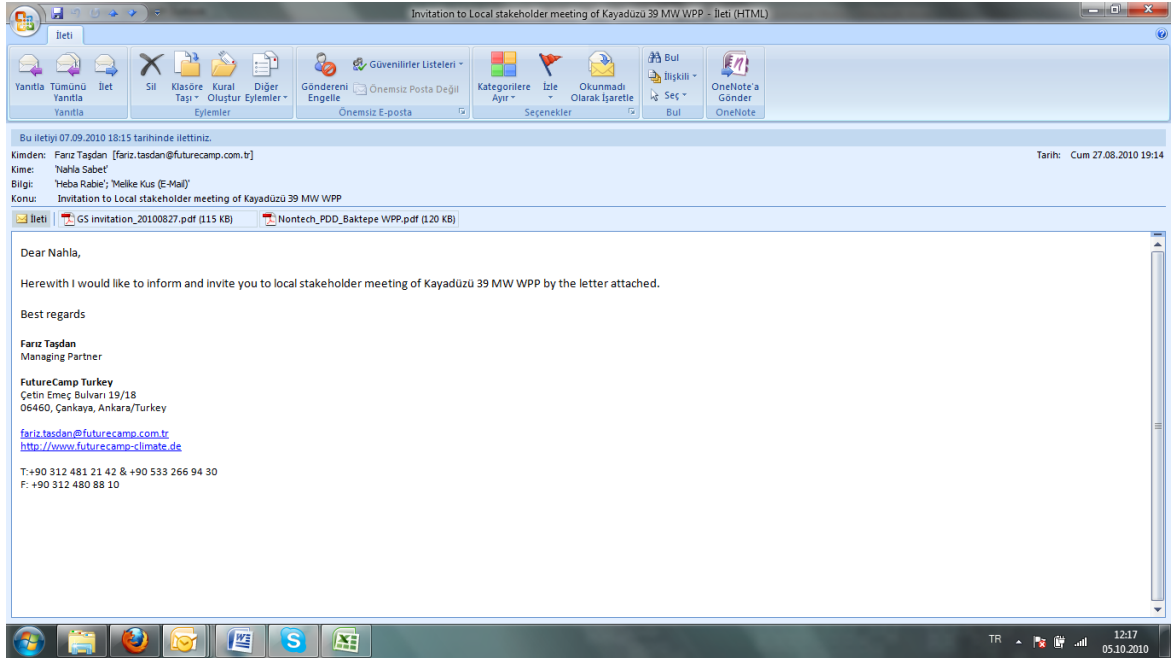
21.09.2010

KAYADÜZÜ RÜZGÂR ENERJİ SANTRALI YEREL HALK DANIŞMA TOPLANTISI  
DEĞERLENDİRME FORMU

Adı, Soyadı	Bilal Keskin
Toplantı hakkında izlenimleriniz nelerdir?	Proje hakkında Bilgi, Eddiadek memnun kaldık
Projenin beğendiğiniz yönleri nelerdir?	EM azında insas Sağlığına zararsız olduğundan Emin olduk
Projenin beğenmediğiniz yönleri nelerdir?	Kasabamızda Kurulacak Tesisden memnunuz
İmza	

## ANNEX 3.

## COPIES OF INVITATIONS



Invitation to Local stakeholder meeting of Kayadüzü 39 MW WPP - İleti (HTML)

Yanıtla Tümünü İlet Sil Klasöre Kural Diğer Göndereni Önemli Posta Değil Kategorilere İzle Okunmadı Bul Bul OneNote'a OneNote'a Yanıtla Yanıtla Yanıtla Taşı Eylemler Eylemler Engelle Önemli E-posta Ayır Seç Bul OneNote'a OneNote'a

Bu iletty 07.09.2010 18:15 tarihinde iletiniz.

Kimden: Farız Taşdan [fariz.tasdan@futurecamp.com.tr] Tarih: Cum 27.08.2010 19:14  
Kime: 'Nahla Sabet'  
Bilgi: 'Heba Rabe'; Melike Kus (E-Mail)  
Konu: Invitation to Local stakeholder meeting of Kayadüzü 39 MW WPP

İleti GS Invitation\_20100827.pdf (115 KB) Nontech\_PDD\_Baktepe WPP.pdf (120 KB)

Dear Nahla,

Herewith I would like to inform and invite you to local stakeholder meeting of Kayadüzü 39 MW WPP by the letter attached.

Best regards

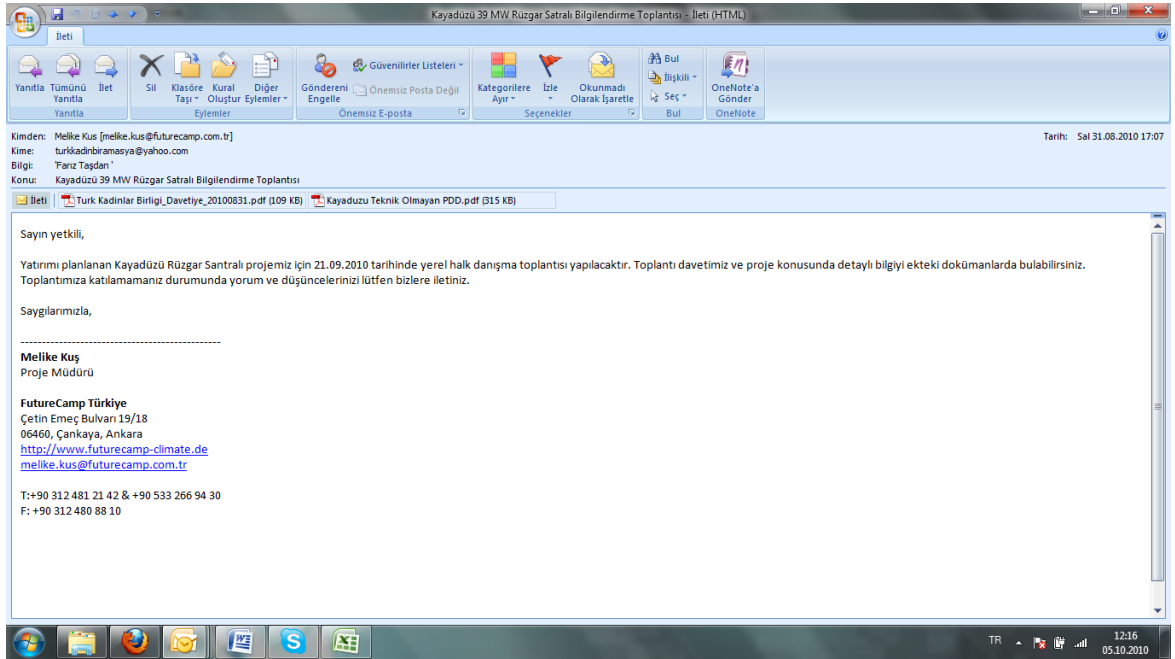
**Farız Taşdan**  
Managing Partner

**FutureCamp Turkey**  
Çetin Emeg Bulvarı 19/18  
06460, Çankaya, Ankara/Turkey

[fariz.tasdan@futurecamp.com.tr](mailto:fariz.tasdan@futurecamp.com.tr)  
<http://www.futurecamp-climate.de>

T: +90 312 481 21 42 & +90 533 266 94 30  
F: +90 312 480 88 10

12:17 05.10.2010



Kayadüzü 39 MW Rüzgar Santrali Bilgilendirme Toplantısı - İleti (HTML)

Yanıtla Tümünü İlet Sil Klasöre Kural Diğer Göndereni Önemli Posta Değil Kategorilere İzle Okunmadı Bul Bul OneNote'a OneNote'a Yanıtla Yanıtla Yanıtla Taşı Eylemler Eylemler Engelle Önemli E-posta Ayır Seç Bul OneNote'a OneNote'a

Kimden: Melike Kus [melike.kus@futurecamp.com.tr] Tarih: Sal 31.08.2010 17:07  
Kime: turkoadinbaramasya@yahoo.com  
Bilgi: Farız Taşdan  
Konu: Kayadüzü 39 MW Rüzgar Santrali Bilgilendirme Toplantısı

İleti Turk Kadınlar Birligi\_Davetiye\_20100831.pdf (109 KB) Kayaduzu Teknik Olmayan PDD.pdf (315 KB)

Sayın yetkili,

Yatırım planlanan Kayadüzü Rüzgar Santrali projemiz için 21.09.2010 tarihinde yerel halk danışma toplantısı yapılacaktır. Toplantı davetimiz ve proje konusunda detaylı bilgiyi ekteki dokümanlarda bulabilirsiniz. Toplantımıza katılmamanız durumunda yorum ve düşüncelerinizi lütfen bizlere iletiniz.

Saygılarımızla,

-----  
**Melike Kus**  
Proje Müdürü

**FutureCamp Türkiye**  
Çetin Emeg Bulvanı 19/18  
06460, Çankaya, Ankara  
<http://www.futurecamp-climate.de>  
[melike.kus@futurecamp.com.tr](mailto:melike.kus@futurecamp.com.tr)

T: +90 312 481 21 42 & +90 533 266 94 30  
F: +90 312 480 88 10

12:16 05.10.2010

## ANNEX 4.

## NON-TECHNICAL SUMMARY IN TURKISH

### ŞEBEKE BAĞLANTILI YENİLENEBİLİR ELEKTRİK ÜRETİMİ İLE KARBONDİOKSİT EMİSYON AZALTIMI: 40 MW KAYADÜZÜ RES Projesi

Proje Hakkında Bilgilendirme ve Metodolojik Yaklaşım  
**BAKTEPE ENERJİ A.Ş.** tarafından Gold Standard Gönüllü Emisyon Azaltım Sürecinde  
Gerçekleşen Yerel Halk Danışma Toplantısı için hazırlanmıştır

**Kayadüzü Beldesi, 21 Eylül 2010**

#### **Giriş**

Baktepe Enerji A.Ş. (Baktepe) Amasya ili, Merzifon ilçesi, Kayadüzü beldesi yakınlarında Enerji Piyasası Düzenleme Kurumu'ndan aldığı üretim lisansı ile elektrik üretmek üzere şebekeye aktarmak üzere rüzgar santrali kurmayı planlamaktadır. Elektrik üretimi için rüzgarın enerjisinin kullanılması, Türkiye'nin mevcut elektrik üretimi portföyü dikkate alındığında sera gazı emisyonlarını azaltan bir yöntemdir. Gold Standard organizasyonu, emisyonların uluslararası ticaretini düzenleyen Kyoto Protokolüne uygun olarak, projelerin emisyon azalttığının kanıtı olan sertifikaların edinilmesi ve pazarlanması konusunda bir prosedür belirlemiştir. Gold Standardın VER (Gönüllü Emisyon Azaltım) yaklaşımı ile elde edilecek sertifikaların satılması sayesinde temiz elektrik üretim gelirine ilave olarak elde edilecek emisyon azaltım geliri, Kayadüzü RES Projesini ekonomik kılarak bu projenin gerçekleştirilmesini sağlayacaktır. Kayadüzü beldesinde yapılacak toplantının amacı halkı ve katılımcıları proje hakkında bilgilendirerek projenin sosyal ve çevresel etkisini değerlendirmektir.

#### **Proje**

Amasya ilinin Merzifon ilçesi Kayadüzü Beldesi yakınlarında kurulması planlanan 40 MW kapasiteli rüzgar santral projesinin lisansı Aralık 2008'de Enerji Piyasası Düzenleme Kurulundan Baktepe tarafından alınmıştır. İnşaat çalışmalarına Kasım 2010'da başlanması planlanan Kayadüzü RES projesi, 2011 tarihinde devreye girerek yıllık yaklaşık 128 GWh üretim ve yaklaşık 76.000 ton karbon azaltımı sağlayacaktır.

#### **Bundan Sonra Yapılacaklar**

Yerel Halk Danışma Toplantısından elde edilen sonuçlar, projenin çevresel ve sosyoekonomik etkilerini açıklamada kullanılacaktır. Projenin detaylı dosyası tamamlanarak ikinci halk danışma sürecinde sunulacaktır. İlk toplantının katılımcıları görüş bildirmek üzere yeniden davet edileceklerdir.

#### **Bu Toplantıda Yapılacaklar**

Bu toplantının amacı, projenin yerel, sosyal ve çevresel etkilerine odaklanarak proje katılımcılarını tartışmaya davet etmektir. Aşağıdaki göstergeler, toplantı katılımcıları ile birlikte projenin sosyal ve çevresel etkisini tartışmada kullanılacak bir listedir. Lütfen soruları pozitif/negatif/nötr olarak cevaplayarak, bu cevaplarınızı kısaca açıklayınız.

#### **Gold Standard VER ile ilgili Daha Fazla Bilgi**

Gold Standard Kuruluşu ve prosedürleri hakkında daha fazla bilgiyi [www.cdmgoldstandard.org](http://www.cdmgoldstandard.org) linkinden edinebilirsiniz. Sunulan proje ile ilgili sorularınız ve görüşleriniz için lütfen aşağıda iletişim bilgileri verilen yetkili ile temasa geçiniz.

## Ebubekir Firtin

Baktepe Enerji

Fahrettin Kerim Gökay Cad. No:34, Altunizade, 34662, Üsküdar/İstanbul/Türkiye

Tel: (+90)-216-5442400 Fax: (+90)-216-5442418

[ebubekir.firtin@ilteketisim.com](mailto:ebubekir.firtin@ilteketisim.com)

Sürdürülebilirlik Değerlendirmesi

Sürdürülebilir kalkınma bu projenin değerlendirilmesinde çok önemli bir yer tutar. Sürdürülebilir kalkınmanın üç önemli kategorisi vardır.

Çevre

Sosyal Kalkınma

Teknolojik ve Ekonomik Kalkınma

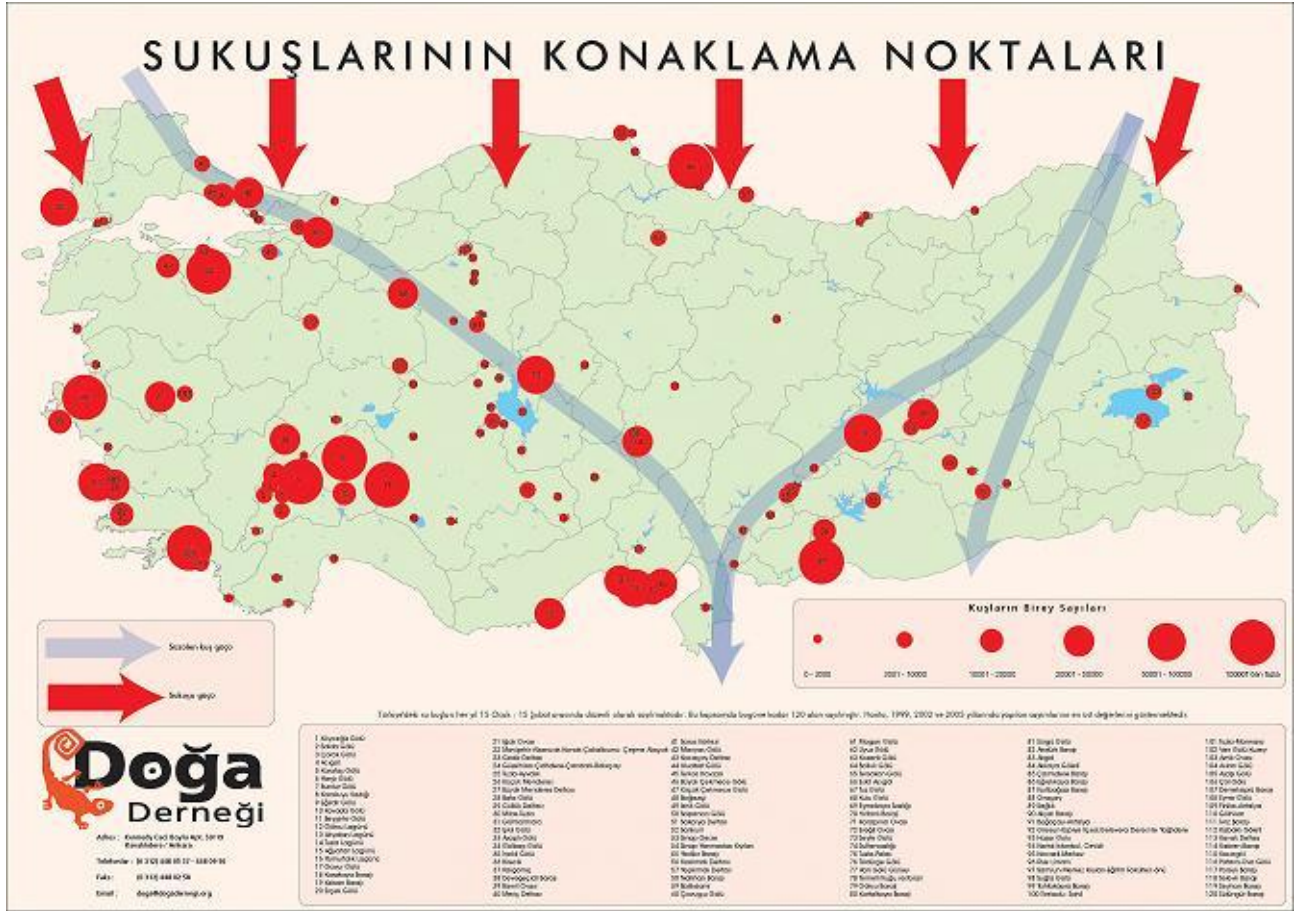
Projenin sürdürülebilir kalkınma üzerindeki etkilerinin değerlendirilmesi aşağıda verilen göstergeler yardımı ile yapılmalıdır. Bu göstergeler yerel halk toplantısı süresince tartışılarak (pozitif, negatif veya nötr) olarak puanlanacaktır.

Göstergeler	Tanım ve Mevcut Duruma Göre Olası Parametre Değişiklikleri
Hava Kalitesi	İnsan sağlığına ve çevreye olumsuz etkisi olabilecek hava kalitesi ile ilgili parametreler: Azotoksitler (NOx), Kükürtoksitler (SOx) vb.
Su Kalitesi ve Miktarı	Kirlenmelerin salınımı ile yeraltı ve yerüstü su seviyeleri ve/veya biyolojik ve kimsyal oksijen seviyelerinde değişim ve bunların insan sağlığına ve çevreye etkisi. Bu göstergeleri etkileyen parametreler: Termal kirlenme seviyesi ile Civa, SOx, NOx, POPs, Kurşun ve Kolibasili yoğunluklarıdır.
Toprak Kalitesi	a) Toprağın, insan sağlığına da olumsuz etkileri olabilecek şekilde Kurşun, SOx, NOx, Civa, Kadmiyum, gibi maddeler ile kirlenmesi b) Organik Madde içeriği c) Erozyon seviyesindeki değişimler toprağın kalitesini etkiler.
Diğer Kirlenmeler	Yukarıda bahsedilmeyen, gürültü/ışık seviyesi, gürültü/ışığın frekansı ve meydana gelme zamanı (gün içi, gece, hafta içi, hafta sonu) gibi diğer kirlenmeler.
Biyçeşitlilik	a) Proje etki alanı içindeki türlerin, alttürlerin ve habitatın sayısı b) Doğal hayatın değişmesi veya zarara uğratılması c) Su, orman, su ürünleri gibi yenilenebilir ürünlerin seviyelerindeki değişimler biyoçeşitliliği etkiler.
İstihdam Kalitesi	İstihdamın sürekli veya geçici olup olmadığı ile birlikte iş güvenliği ve sağlığı ile ilgili olarak çalışma koşullarındaki değişimler.
Yoksulların Yaşamı	a) Yoksulluğun azaltılması, b) Sağlık imkânlarına erişim ve bu imkânların seviyesi, kalitesi ve güvenilirliği c) Hijyenik yaşam için gerekli tesislere erişim ve atık yönetimi d) İnsan sağlığı için elzem olan gıdalara yeterli miktar ve kalitede erişim, e) Doğal felaketlere maruz kalma olasılığı, f) Uzun dönemde su seviyesinin azalması gibi değişimler.
Hesaplı ve Temiz Enerji Hizmetlerine Erişim	Enerji hizmetlerinin a) Yeterliliği, hesaplılığı ve kalitesi b) Yakıt ve enerji ithalatına bağımlılığın ve enerji ithalatından kaynaklı siyasi krizlerin azaltılması gibi değişimler.
İnsani ve Kurumsal Kapasite	a) Kaliteli ve hesaplı eğitim olanaklarına erişim imkânı ile birlikte eğitim sisteminin dışında eğitsel aktiviteler ( çevresel eğitim, sağlık için bilincin artması veya başka konularda, erişkinler için okuma sınıfları ve diğer bilgi yayılımı) b) Cinsiyet eşitliği, c) Gelir değişimi ile birlikte sosyal yapıda değişim.
Nicel İstihdam ve Gelir	İstihdam miktarı ve istihdamdan elde edilen gelirlerde değişim.
Ödemeler Dengesi ve Yatırımlar	Bir bölgeye yatırım yapılması ile birlikte örneğin, Temiz kalkınma Mekanizması projesi sayesinde, petrol ithalatının düşmesi ile net döviz tasarrufu sağlanması.
Teknoloji Transferi ve Yerel Teknoloji Üretimi	a) Teknolojik gelişmeler ile birlikte kapasite gelişimi ve yeni teknolojinin bölgede ilk defa denenmesi

Tablo 1: Sürdürülebilir Kalkınma Tablosu

ANNEX 5.

The map of migrating birds



## Main sponsors

firstclimate<sup>2</sup>

climatecare 

 **TFS** Green  
Part of Tradition

TRICORONA

one  carbon

## Supporting Sponsors

*essent* 



 south pole

 **myclimate**  
Protect our planet

 **BNP PARIBAS**

## Developers Gold Standard version two

ECOFYS 



**FIELD**  
Foundation for International  
Environmental Law and Development