

Initial Stakeholder Consultation Report

Geothermal Power Plant Dora-II

Project Owner: Menderes Geothermal Elektrik Üretim A.Ş.

Mugla Bulvari No: 7/1, 09100 Aydin -Turkey-



**Gold Standard Project Developer: SOUTH POLE CARBON ASSET
MANAGEMENT LTD.**

Technoparkstr. 1 8005 Zurich -Switzerland-



1. PURPOSE OF THE CONSULTATION	3
2. PROCEDURE OF THE INITIAL STAKEHOLDER CONSULTATION	3
3. INITIAL STAKEHOLDER MEETING	4
4. COMMENTS AND REQUESTS RECEIVED AND ANSWERS PROVIDED	5
5. SUSTAINABLE DEVELOPMENT ASPECTS OF THE PROJECT	6
6. CHANGES TO PROJECT DESIGN BASED ON COMMENTS RECEIVED	7
Annex 1: Presence list.....	9
Annex 2: Questionnaire - "Yes" answers and comments received	11
Annex 4: Invited stakeholders	14
Annex 5: Scanned written invitation example (here: to the Head of the village of Yavuzköy).....	15
Annex 6: Newspaper announcement for local meeting	16
Annex 7: Photos of the Initial stakeholder consultation.....	17
Annex 8: Scanned List of participants	19

1. Purpose of the Consultation

The objective of the Gold Standard initial stakeholder consultation is to enable potentially affected individuals and institutions to express their point of view on a proposed carbon offset project and to ensure a project development without adverse effects on the vicinity and other stakeholders. Through the proper execution of the initial stakeholder consultation concerns can be addressed and changes can be incorporated to the project design to eliminate or mitigate these effects.

Two stakeholder consultations must be held during the project cycle in order to fulfill the criteria of the Gold Standard, which stands for environmental, economic and social integrity of carbon offset projects. An initial consultation in the early stages of documentation preparation and a main consultation after completion of the final project documentation have to be carried out.

The following stakeholders must be invited to participate in both consultation processes: Local policy makers, local people impacted by the project, (if applicable) local NGOs, local and national NGOs that have endorsed the Gold Standard and the Gold Standard itself.

2. Procedure of the Initial Stakeholder Consultation

The Gold Standard Initial Stakeholder Consultation has been conducted by the Project Owner Menderes Geothermal Elektrik Üretim A.Ş. with the assistance of South Pole Carbon Asset Management Ltd. and its local partner Al Enerji.

Stakeholder groups as defined in the Gold Standard procedures have been identified and informed through oral and written means about the meetings.

The Gold Standard Initial Stakeholder Consultation consisted of a public meeting and E-mail consultation with the stakeholders. According to the Gold Standard requirements, local stakeholders were identified including local people, local and national NGOs, project developers and entities involved in implementation and operation of the project activity. A list of project participants invited for the stakeholder consultation meeting is enclosed under "Annex 4" to this report. These stakeholders have been invited either by E-mail, fax or telephone calls asking for participation in the public meeting and for submission of comments on the project. The head of the village has been contacted to invite all the villagers to the meeting and women attendees are encouraged to attend. Additionally, there has been an announcement in a local newspaper ("Star"-Newspaper) on May 1, 2008, which can be seen in "Annex 6". Furthermore, documents have been made available for download on the homepage of South Pole Carbon Asset Management Ltd (www.southpolecarbon.com).

As a result of a on time and wide-ranging announcement via Email, newspaper and personal written (scanned example attached in "Annex 5") or oral invitation, 12 participants were present including local authorities, as there were village headmen and the mayor as well as employees from the Project Owner. In addition a representative of the "TÜV Rheinland" attended the meeting. The participants have been asked to fill a presence list with their name, address and occupation, which has been compiled in "Annex 1". Along with the invitation, a project description and the questionnaire have also been sent to all stakeholders.

2.1. Email consultation for Gold Standard supporting organizations

An invitation was sent to representatives of Gold Standard supporting organizations in Turkey and international Gold Standard supporting organizations on April 29, 2008. Besides the invitation to the meeting, the documentation that was sent out included a description of the project, a summary of the social and environmental impacts, the Sustainable Development Matrix and the Gold Standard questionnaire. None of the Gold Standard supporting organizations participated the meeting.

The email consultation process started on May 05th, 2008 and ended on May 29th, 2008. The following GS supporting organizations are contacted for consultation:

- Greenpeace UK, Stephanie Turnmore
- Greenpeace Turkey-bilgi@greenpeace.org.tr
- WWF Hong Kong, Liam Salter
- WWF Turkey, Deniz Tapan
- REC Turkey-info@rec.org.tr

3. Initial Stakeholder Meeting

A consultation meeting has been conducted for all stakeholders:

Date	May 20, 2008
Duration	10:30 – 12:30
Place	Salavatlı road, Aktaskiri site, Yavuzkoy, Kosk, Aydın at the Dora-I Power Plant Conference Room
Language	Documentation and meeting was held in Turkish

Meetings procedure

- Opening (5 min)
- Purpose of the consultation and description of the project (30 min)
- Description of the environmental impacts (10 min)
- Questions and Answers session (15 min)
- Completing checklists (Appendix E to the Gold Standard Project Developer's Manual) (25 min)
- General feedback and discussion (35 min)

Incipiently, Mr. Haluk Tüfekcioglu, General Manager of Menderes Geothermal Elektrik Üretim A.Ş. welcomed the attendees and found some introductory words to explain the objective of the meeting. He further prepared a presentation in order to explain the project activity in a simple and non-technical language. The presentation covered a range of related topics not being limited to the power plant itself but in addition delivering explanation about the geothermal reservoir "Menderes Graben", the environmental implications of geothermal energy as a



renewable energy source, and the functionality of the geothermal technology as proposed to be employed in the planned project activity. The explanation included as well some statements on the history of Menderes Geothermal Elektrik Üretim A.Ş. and the first privately financed geothermal project developed by the Project Owner. Afterwards, Mr. Baris Ergun from Al Enerji, held an oral presentation with support of comprehensive slides about the purpose of the meeting and the special implications and requirements of the Gold Standard and carbon credit development. In this respect, the presentation did not only inform the participants about the project, but also contained awareness raising components regarding the special features of sustainable development and its social, environmental and economical implications. He explained the concept of Sustainable Development and why it is important in the framework of the Project Activity. He further explained the scoring and indicators of the Sustainable Development Matrix, which had been carefully read by all of the participants. Four participants have scored the matrix and no negative scores have been received. The total scoring provided was in a range of +10 and +17, whereas none of the gaps have been filled besides the "Total"-gap. Additionally, drinks and small snacks have been served to the meeting attendees.

The following documents have been distributed to the participants:

- Non-technical summary of the Project
- Documentation on social and environmental impacts of the project
- Sustainable Development Matrix (Box 3, Section 3.4.1 of the Gold Standard Project Developer's Manual)
- Questionnaire (Appendix E of Gold Standard, checklist)
- Presence list
- Notes for additional comments on the project activity

These documents are attached to the Appendices. The questionnaires have been collected at the end of the meeting. The participants have been asked to fill in the checklist, if they have any comments on the social and environmental aspects. In general, the overall reaction and opinions of the participants was positive and supporting. Some question and requests have been addressed to the Project Owner, which are summarized below. Most of them were not with regard to the project activity but rather consisted of general demands to the Project Owner. The General Manager directly answered them in an appropriate and friendly manner. Except of the consultation meeting, no comments have been received through other media.

An example of the filled down questionnaire along with the sustainable matrix form could be found in "[Annex.9](#)".

4. Comments and requests received and answers provided

The people and institutions consulted by E-Mail did not leave any comments. The response in the meeting was positive and encouraging. Mainly oral Comments have been received during the meeting. They have been summarized and are presented below along with the answers of the Project Owner. The questions raised were mainly about employment issues and about the general impacts and outcomes for the village community, which was a reaction to the lack of industries and job opportunities in the region. Already in the past, the Project Owner has invested in additional benefits for the village, such as the installation



of road lighting to Yavuzköy that contributed to the safety of the village inhabitants. Additionally, the road is being maintained constantly and has already been extended. For the construction of the new power unit, local people will be employed for both construction and operation of the plant. The new employees will be trained with respect to the technology and, which can be considered as very important as well, security staff will be hired, trained and certified.

The technology of the power plant will be of very high quality and the Project Owner seeks to create a closed cycle in order to avoid leakage due to the project activity. Nevertheless, possible alternatives for a productive usage of the waste heat are considered, which include the utilization of waste heat for local bathes, greenhouse and mosque heating. These alternatives will be assessed and their feasibility will be tested taking into account the impacts on the geothermal reservoir and work efforts to be carried out on a civil works side.

One more request has been formulated by one of the participants asking for the impacts of the test wells. The question was whether there could be any adverse impact on the Menderes River due to geothermal brine released to the surface while testing the wells. Mr. Tüfekcioglu answered that question stating that the project activity is located in a secure distance to the river and that no uncontrolled discharge of geothermal water to the river will take place. The brine will be collected in a pool that will be dug by the Project Owner to cool down and will then be either re-injected (which will be known after knowing about the exact conditions of the reservoir) or discharged to the river in a slow and controlled manner to avoid critical concentrations of salty water. Further he explained, that testing of wells is a necessary step for the assessment of functionality of the site. It cannot be avoided and it will not expose the environment and the villagers to any mid- and long-term threat. If re-injection is considered as technologically not feasible the geothermal brine will be released for a period of 5 days as described above, which is considered as negligible taking into account the project lifetime of 25 years. One of the stakeholders advised the Project Owner to overcome that problem by doing test activities through the rain seasons, which already has been considered to keep the brine concentration to a minimum. Hence, any serious pollution will be avoided.

In total, 10 questionnaires and matrixes were turned in out of 12 participants. One person did not have any comment on the questionnaire or the GS-Matrix. He only read and signed and left the sheet blank. The other ones have been partially filled in. There was only one issue highlighted by the participants. Question number 16 (*"Will the project result in social changes, for example in demography, traditional lifestyles, employment?"*) has 9 times been answered with "yes" as the community acknowledged the job opportunities resulting from the proposed project. This constitutes as well the only written comment received, which can be seen in ["Annex 2"](#)

In general, all questions and issues raised could be justified or answered, with no need to change the project.

5. Sustainable Development Aspects of the Project

The Gold Standard foundation requires that the project activity is evaluated based on some sustainable development indicators. The results indicate that the project complies with the requirements outlined in the sustainable development matrix and assures a positive overall effect. The indicators have been explained in detail, and have been discussed afterwards with stakeholders potentially affected by the



project during the initial stakeholder meeting. The sustainable development matrix including the total scoring received is attached in "Annex 3".

The Gold Standard foundation further requires that the total and each sub total of the components must score positively, and none of the indicators should score – 2. It has been observed that the project's sustainable development dimensions satisfy these requirements.

Specific characteristics of the project, which contribute to sustainable development, can be summarized as follows:

- Reducing electricity imports of Turkey and its dependency on fossil fuel sources
- Reducing air pollution
- Reducing greenhouse gas emissions in Turkey by methane avoidance and by replacing the electricity generated from fossil fuels and reducing pollutants stemming from combustion of fossil fuels (e.g. particulates, sulfur dioxide, nitrogen oxides etc.)
- Creating jobs in the region in the construction and operation phases
- Supporting technology and know how transfer and development of the renewable energy sector in Turkey

6. Changes to Project design based on comments received

As no major environmental concerns were raised during the entire initial stakeholder consultation process, it was not necessary to make any changes to the Project design, nor to incorporate any additional measures to limit or avoid negative environmental impacts. The attendees do not expect any negative impacts on the socio-economic environment stemming from the Project either. It can be summarized that there has been a great awareness of the positive effects and side effects of the Project among the participants. This has led to a very supportive atmosphere.

It is evident from the stakeholder consultation process result, that the project is perceived as a positive example for the renewable energy sector in Turkey and that it contributes to sustainable development of the region.



south pole
Carbon Asset Management Ltd.

Annex 1: Presence list

No.	PARTICIPANT	INSTITUTION	OCCUPATION	CONTACT DETAILS
1	Murat Haluk Tüfekcioğlu	MEGE A.S.	Board Member/ General Manager	
2	Cihan Büyük Cacı	MEGE A.S.	Office Management staff	+90 542 494 5332
3	Can Böke	Böke Enerji Yönetimi Ltd.Şti (Boke Energy Management Ltd.)	mechanical engineer	+90 232 461 14 941 +90 532 212 3456
4	Galip Kısıla	-	retired pensioner	+90 505 294 8181 +90 256 2128970
5	Ergün Güler	-	farmer	+90 544 461 795 30
6	Saffet Özbay	Yavuzköy administration	Mayor	+90 535 435 01 58
7	Mesut Bilgi	Yavuzköy administration	Member of the council	+90 544 564 54 14

No.	PARTICIPANT	INSTITUTION	OCCUPATION	CONTACT DETAILS
8	Kurt Seidel	TÜV Rheinland	DOE	+49 221 806 4065
9	S. Serkan Saygili	MEGE A.S.	Engineer	+90 535 926 39 23
10	Timuçin Kocabaş		farmer	+90 536 460 28 51
11	Ali Ihsan Demircan	Yavuzköy administration	elder council member/farmer	+90 461 17 95
12	Erol Tüfekcioğlu	MEGE A.S.	Assistant to the General Manager	+90 533 367 57 48

Annex 2: Questionnaire - "Yes" answers and comments received

Most of the questions have not been answered by the participants and have been left blank. For the sake of simplicity only "Yes"-answers are counted up and listed and "No"-answers have not been incorporated. Relevant answers and comments have been introduced into the table.

Documents without any comments: 1

Socioeconomic and Health Impacts	Yes/ No	Briefly describe
16. Will the project result in social changes, for example in demography, traditional lifestyles, employment?	Yes (9)	It will provide employment for villagers

Annex 3: Sustainable Development Matrix

4 participants paritally filled the Gold Standard Matrix. No negative sub total and total numbers have been recieved. The Total scoring were in the range of +11 until +17. Results from the initial stakeholder consultation have been considered when defining the scores for the indicators below.

Component	Score	Rational
<ul style="list-style-type: none"> Indicators 	(-2 to +2)	
Local / Regional / Global Environment		
<ul style="list-style-type: none"> Water quality and quantity 	+1	<p>The brine will be re-injected to underground and therefore the groundwater resources are not disturbed.</p> <p>As compared to the baseline, risks of groundwater contamination due to the acid rains as well as process wastewater leakages into the groundwater are reduced.</p>
<ul style="list-style-type: none"> Air quality (emissions other than GHG) 	+1	<p>The fluid circulation system is closed and no emission is released during power generation.</p> <p>Air quality is improved as compared to the emission levels of conventional energy production (fly ash, So_x and NO_x).</p>
<ul style="list-style-type: none"> Other pollutants (including, where relevant, toxicity, radioactivity, POPs, stratospheric ozone layer depleting gases) 	0	No significant change compared to the baseline, since the plant will be a closed circulation system.
<ul style="list-style-type: none"> Soil condition (quality and quantity) 	+1	The project activity will not produce any waste, which decreases soil condition in quality and quantity.
<ul style="list-style-type: none"> Biodiversity (species and habitat conservation) 	0	As compared to the baseline, no significant change in biodiversity is expected.
Sub Total	+3	
Social Sustainability and Development		



<ul style="list-style-type: none"> • Employment (including job quality, fulfillment of labor standards) 	+2	The project leads to employment generation during construction and for operation of the power plant itself and in the implementation as a GS VER project. The employment of skilled staff has a significant impact on job quality.
<ul style="list-style-type: none"> • Livelihood of the poor (including poverty alleviation, distributional equity, and access to essential services) 	+1	The project will generate additional job positions and therefore income in the area.
<ul style="list-style-type: none"> • Access to energy services 	+2	The project activity improves the scale and security of energy supply in the country. An additional contribution to the sustainable development is the electricity being produced environmentally friendly.
<ul style="list-style-type: none"> • Human and institutional capacity (including empowerment, education, involvement, gender) 	+2	People involved are trained with skills for operation of the energy generation facility.
Sub Total	+7	
Economic and Technological Development		
<ul style="list-style-type: none"> • Employment (numbers) 	+2	The project activity generates employment opportunities during the project's construction (20) and operation period (30).
<ul style="list-style-type: none"> • Balance of payments (sustainability) 	+1	Through clean electricity production, electricity imports can be reduced.
<ul style="list-style-type: none"> • Technological self reliance (including project replicability, hard currency liability, institutional capacity, technology transfer) 	+2	There has already been constructed a similar geothermal plant, Dora I. The project owner has showed the ability to administrate and maintain such a plant.
Sub Total	+5	
Total	+15	

Annex 4: Invited stakeholders

Murat Haluk TÜFEKÇİOĞLU	MENDERES Geothermal A.S.-General Manager
Can BÖKE	Böke Enerji Yönetimi Ltd.Şti (Boke Energy Management Ltd.)
Erol TÜFEKÇİOĞLU	MENDERES Geothermal A.S.- Managing Asistant
Niyazi AKSOY	Dokuz Eylül University – Drilling Department
Ekrem ÖZDEŞ	Aktif Environment Eng. And Consultancy Ltd. - General Manager
Saffet ÖZBAY	Yavuzköy Muhtarlığı (Head of Village)
Erhan DEMİRKESEN	Sistem Env. Engineering and Con. Ltd
Ali İhsan DEMİRCAN	Yavuzköy Muhtarlığı (Management) – Elder Board - AZA
Mesut BİLGİ	Yavuzköy Muhtarlığı (Management) – Elder Board – AZA
Ergun GÜLER	Yavuzköy – Representative
İsmail Haymana	Aydın Governorship – Assistant Manager
Rıfat Kadri KILINÇ	Köşk Municipality-Mayor
Hüseyin Özer	Salavatlı Municipality- Mayor
Orhan Yıldız	Provincial Directorate of Environment and Forest-Director
Emine Sert	Provincial Directorate of Environment and Forest-Environmental Officer
Süleymen Çardak	Special Provincial Administration

Annex 5: Scanned written invitation example (here: to the Head of the village of Yavuzköy)



MENDERES Geothermal Elektrik Üretim A.Ş.

DAVETİYE

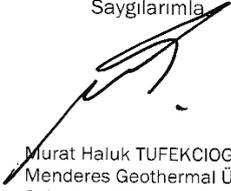
Aydın, Köşk, Yavuzköy, 28 Nisan 2008

Sn. YAVUZKÖY MUHTARLIĞI
Köşk - AYDIN

Konu : Köşk, Yavuzköy'de "DORA-2" jeotermal projesi için gerçekleştirilecek ilk paydaş danışmanlık toplantısına davet.

İşbu yazı ile Salâvatlı yolu, Aktaşkırı mevkii, Yavuzköy, Köşk, Aydın adresinde 20 Mayıs 2008 tarihinde DORA-1 Jeotermal Santrali Konferans Salonunda sabah saat 10.00'da düzenlenecek "DORA-2" jeotermal projesi paydaş danışmanlığı toplantısına katılımınızı saygıyla rica ederiz. Önerilen paydaş danışmanlığı, Türkiye'de kendi türünün en yenilikçi ve en modern örneği olan projenin faaliyetlerine doğrudan katılımınızı mümkün kılacaktır. Projenin hem çevre hem de bölgenin sosyal ve ekonomik hareketi üzerindeki etkilerini görüşmek üzere bu toplantıya katılarak projeye ilişkin etkin geri bildirimde bulunmanız için sizleri saygıyla davet ederiz.

Saygılarımla



Murat Haluk TUFEKCIOGLU - Genel Müdür
Menderes Geothermal Üretim A.Ş.
Salavatlı - Türkiye
egeeneri@mb.com.tr

Danışmanlar:
c.tornay@southpolecarbon.com
baris.ergun@gmail.com

Elden teslim oldu



Annex 7: Photos of the Initial stakeholder consultation

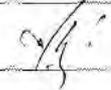


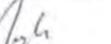


Annex 8: Scanned List of participants

KATILIMCILAR LİSTESİ

Gold Standard Başlangıç Paydaş Danışmanlığı Toplantısı
Proje: 9.5 MW Dora-II Jeotermal Enerji Elektrik Üretim Projesi
Tarih: 20 Mayıs 2008

No.	KATILIMCI	KURUM	MESLEĞİ	TELEFON E-POSTA	İMZA
1	Van Bøke	BøKE Energy Yönetimi Ltd. AŞ.	Mak. y. Müh.	(232) 461 14 94 (532) 212 34 56 vanboke@supercell.no	
2	Enrip Kışta		Emekli	0 4505 2948181 0 256 2128920	
3	Ergin Güler		Çiftçi	46 286 05446179530	
4	Saffet Özboğ	Yavuzköy Mühürleri	Çiftçi	05354350158	
5	Mesut Bilg.	Yavuzköy Araştırma	Emekli	0544 5645414	
6	Seidel Kurt	Türv Rheinland (DOE)	Engineer	+49 201 806 4065	
7	S. Jerban Sarıhan	MEGE A.Ş.	Mühendis	0535 92639 23 ss50-ys@me.com.tr	

No.	KATILIMCI	KURUM	MESLEĞİ	TELEFON E-POSTA	İMZA
8	Timuçin Kocadağ		Yavuz Köyden Çiftçi	0536 660 2851	
9	Alihan Demince		Yavuz köy Araştırma Çiftçi	461 17 95	
10	Erol Tufekçigil	MEGE A.Ş.	Asistan at G.M.	0 533 3675748	
11	Cihan Boşayrak	MEGE A.Ş.	İdari İşler Personeli	0 562 496 5372	
12					
13					
14					
15					



Annex.9: A sample filled form of Questionnaire and SD matrix.

3. Sürdürülebilir Kalkınma Değerlendirmesi Anketi

Proje Geliştiriciler için Gold Standard Kılavuzu Ek E

Ad / Soyad: Çiğdem BEYAZKAYAĞU

Kuruluş / İşletme: Sarıyerli Kasabası

İletişim Bilgileri: 0542 494 5332

Çevreye Etkileri	Evet / Hayır	Kısaca açıklayınız
1. Projenin inşası, işletimi veya hizmet dışına alınması toprak, su, orman, doğal hayat, madde ve özellikle yenilenemeyen ya da arzı kısıtlı bulunan kaynaklar ve benzeri doğal kaynakları ya da ekosistemleri kullanacak veya etkileyecek mi?	H.	
2. Proje, çevreye zararlı olabilecek madde veya malzemelerin (katı atık dahil) kullanımını, depolanmasını, nakliyesini, üretimini veya yayılmasını içerecek mi?	H.	
3. Proje, havaya her hangi bir kirlenici veya tehlikeli, toksik veya zehirli madde yayılmasına yol açacak mı?	H.	
4. Proje, çevreyi kötü yönde etkileyebilecek olan ses, titreşime veya ışık, ısı enerjisi ya da elektromanyetik radyasyon yayılmasına neden olacak mı?	H.	
5. Proje, kirlenici maddelerin toprağa, yerüstü sularına, kıyı sularına veya denize yayılması nedeniyle toprak veya su kirlenmesine yol açma riski taşıyor mu?	H.	
6. Proje mahalinde veya etrafında, ekolojik değeri nedeniyle uluslararası veya ulusal ya da yerel kanunlarla korunan, projeden etkilenmesi muhtemel alanlar var mı?	H.	
7. Proje mahalinde veya etrafında, örneğin sulak alanlar, akarsular veya diğer su kütleleri, sahil şeridi, orman veya mera alanı gibi ekolojik durumu nedeniyle önemli veya hassas olan, projeden etkilenmesi muhtemel alanlar var mı?	H.	
8. Proje mahalinde veya etrafında, koruma altına alınan veya hassas hayvan türlerinin örneğin üreme, yuvalanma, yiyecek bulma, göç gibi amaçlarla kullandığı, projeden etkilenmesi muhtemel alanlar var mı?	H.	
9. Proje mahalinde veya etrafında projeden etkilenmesi muhtemel yeraltı suları var mı?	H.	
10. Proje bölgesi deprem, çökme, toprak kayması, erozyon, sel veya aşırı ya da olumsuz iklim koşulları (örneğin yüksek ısı farkları, sis, sert rüzgarlar gibi projenin çevresel sorunlarla karşılaşmasına yol açabilecek etkenler) gibi doğa olaylarına yatkın mı?	H.	
Diğer düşünce ve öneriler:		



Sosyoekonomi ve Sağlık Üzerine Etkileri	Evet/ Hayır	Kısaca açıklayın
11. Proje, insan sağlığına zararlı veya riskli olabilecek maddelerin (katı atık dahil) kullanımını, depolanmasını, nakliyesini, üretimini veya yayılmasını içeriyor mu?	H.	
12. Proje, insan sağlığını olumsuz yönde etkileyebilecek herhangi bir kirlenici veya tehlikeli, toksik veya zehirli madde yayılmasına yol açacak mı?	H.	
13. Proje, insan sağlığını olumsuz yönde etkileyebilecek olan sese, titreşime veya ışık, ısı enerjisi ya da elektromanyetik radyasyon yayılmasına neden olacak mı?	H.	
14. Proje, toprak veya yerüstü sularına, yeraltı sularına, kıyı sularına veya denize insan sağlığını olumsuz yönde etkileyebilecek şekilde kirlenici maddelerin yayılmasını içeren kirlilik riskleri taşıyacak mı?	H.	
15. Projenin işletimi sırasında insan sağlığını olumsuz yönde etkileyebilecek kaza riski olacak mı?	H.	
16. Proje, mesela demografi, geleneksel yaşam tarzı, istihdam gibi sosyal değişimlere yol açacak mı?	E.	İklim değişikliği ile ilgili olarak inşaatı sağlayacak.
17. Proje mahalinin etrafında arazi yapısı, tarihi veya kültürel değeri nedeniyle önem taşıyan, uluslararası veya ulusal ya da yerel kanunlarla korunan, projeden etkilenmesi muhtemel alanlar var mı?	H.	
18. Proje mahalinde veya etrafında, projeden etkilenmesi muhtemel, mesire yerlerine veya diğer yerlere halkın ulaşımını sağlayan ve/veya tıkanmaya meyilli ulaşım güzergahları veya tesisleri var mı?	H.	
19. Proje, görünübilirliği yüksek bir yerde mi bulunuyor?		
20. Proje mahalinde veya etrafında, projeden etkilenmesi muhtemel ev, bahçe, başka türlü özel mülk, sanayi, özel idare, dinlenme, yeşil alan, kamu tesisleri, tarım, ormancılık, turizm, madencilik veya taş ocağı gibi mevcut veya planlanan imar durumları var mı?	H.	
21. Proje mahalinin etrafında projeden etkilenmesi muhtemel, yoğun nüfusa veya yapılaşmaya sahip, ya da hastane, okul, ibadethane, kamu tesisleri gibi hassas kullanımların bulunduğu alanlar var mı?	H.	
22. Proje mahalinin etrafında yeraltı suyu, yerüstü suları, orman, tarım, balıkçılık, turizm ve madenler gibi kaliteli veya ender kaynaklara sahip, projeden olumsuz yönde etkilenmesi muhtemel alanlar var mı?	H.	
23. Proje mahali, projenin sosyoekonomik sorunlara yol açmasına neden olabilecek deprem, çökme, toprak kayması, erozyon, sel veya örneğin ısı, sis, sert rüzgarlar, depremler gibi ters iklim koşullarına yatkın mı?		



Diğer düşünceler ve öneriler:

Cihan BOYUKYABCI

Eğer yukarıda verilen değerleri kabul etmiyorsanız, kendi değerlendirmenizi aşağıda belirtebilirsiniz:

Bileşen	Skor	Gerekeç
Göstergeler	(-2 ile +2)	
Yerel / Bölgesel / Küresel Çevre		
Su kalitesi ve miktarı		
Hava kalitesi (Sera gazı dışındaki emisyonlar)	+1	
Diğer kirlenmeler (ilgili yerlerde toksisite, radyoaktivite, dayanıklı organik kirlenmeler, stratosferik ozon tabakasını tüketen gazlar)	+1	
Toprak durumu (kalitesi ve miktarı)	+2	
Biyolojik çeşitlilik (türlerin ve yaşam alanlarının korunması)	0	
<i>Alt Toplam</i>	<i>+4</i>	
Sosyal Sürdürülebilirlik ve Kalkınma		
İstihdam (iş kalitesi, işgücü standartlarının uygulanması)	+2	
Yoksulların geçimi (yoksulluğun hafifletilmesi, dağıtım eşitliği ve temel hizmetlere erişim dahil)	+2	
Enerji hizmetlerine erişim	+2	
İnsani ve kurumsal kapasite (yetkilendirme, eğitim, katılım ve cinsiyet konuları dahil)	+2	
<i>Alt Toplam</i>	<i>+8</i>	

Cihan Büyükcüoğlu

