
DEVELOPMENT OF THE H2 ENERGY POWER STATION ON A SITE NEAR KWAMHLANGA, MPUMALANGA PROVINCE

COMMENTS AND RESPONSES REPORT

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COMMENTS RECEIVED

NO.	ISSUE/COMMENT	ISSUE RAISED BY	RESPONSE
I&AP REGISTRATIONS AND PUBLIC PARTICIPATION PROCESS			
1.	Please register the Kghodwana Cultural Village & Museum as an Interested and Affected Party (I&AP) on this project.	Khobonge Petrus Mahlangu Kghodwana Cultural Village & Museum Reply Form: 02-11-2016	Khobonge Petrus Mahlangu has been registered as an I&AP on the project's database.
2.	Please register Bakhephetshwa Trading cc as an I&AP on this project. See attachments as requested from your announcement that is pasted at Kghodwana Ndebele Village yesterday.	Bongani Mngomezulu Director Bakhephetshwa Trading cc Email: 03-11-2016	Bongani Mngomezulu of Bakhephetshwa Trading has been registered as an I&AP on the project's database.
3.	Please could you register the following people as I&APs: <ul style="list-style-type: none"> • Robyn Hugo, Centre for Environmental Rights • Sylvia Kamanja, Centre for Environmental Rights • Nicole Loser, Centre for Environmental Rights • Bobby Peek, groundWork • Robby Mokgalaka, groundWork • Thomas Mnguni, groundWork • David Hallowses, groundWork • Dominique Doyle, Earthlife Africa Jhb 	Nicole Loser Centre for Environmental Rights Email: 04-11-2016	The individuals listed in the email received from Centre for Environmental Rights dated 04 November 2016 have been registered as I&APs on the project's database. No one has been appointed to undertake the AEL and WULA at this stage.

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	<ul style="list-style-type: none"> • Makoma Lekalakala, EarthlifeAfrica Jhb <p>Please could you also advise who will be dealing with the AEL and WUL applications – will it be Savannah?</p>		
4.	<p>Phaphama Development Forum (Phadefo) is a legally registered section 21 company formed to design and implement intervention measures to assist Cooperatives, SMMEs, the Skilled, Semi-Skilled, Unskilled, Unemployed, NGOs, CBOs and FBOs within Tshwane region-7 and Thembisile Municipality in alleviating poverty and creating employment for our region’s communities and population to bridge the gap between the rich and the poor, thus bettering the SA’s Gini Co-Efficient. PHAPHAMA DEVELOPMENT FORUM is the largest business representative outfit in Tshwane Region 7, comprising a strong membership in excess of 50 companies, entrepreneurs and unionized employees. Founded in 2009 and become registered with the DTI as a section 21 organisation in 2012.</p> <p>Phaphama Development Forum also known as PHADEFO for short, comprises of the mother branch that is based in Ekangala as its headquarters, DarkCity substructure, Noordgedaght substructure, Rethabiseng substructure, Phaphama Youth in Business, Zithobeni Ward 102 substructure, Rheyima Park Substructure, Sokhulumu Substructure, Vezubuhle substructure, KwaMhlanga Substructure.</p>	<p>Fanie Mahlangu Deputy Secretary & Communications Officer</p> <p>Phaphama Development Forum</p> <p>Letter: 14-11-2016</p>	<p>Fanie Mahlangu of Phaphama Development Forum has been registered as an I&AP on the project’s database. The Phaphama Development Forum’s support for the project is noted.</p>

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	<p>Our recent achievement in addressing the distressing plight of the most under-privileged was building decent housing for a select few poorest, needy households in Dark City and nearby farms through a social fund raised by PHAPHAMA affiliates.</p> <p>It is also a structure mainly established to address skills shortage and positively assist the potential of talented youth, people with disabilities and women in general to access quality skills and become employable.</p> <p>Phaphama Development Forum welcomes the grand project initiative for the construction, and operation of baseload coal-fired combustion power station and its associated infrastructure in Portion 21, 22, and 23 of the Farm Hartebeesfontein 434, 9 km south of KwaMhlanga, and 800 m north of the Palesa Coal Mine, in the Thembisile Hani Local Municipality (Nkangala District Municipality) In Mpumalanga Province by HCI Group and H1 Holdings respectively. A project of this ilk and magnitude will create employment for the people, subcontracting opportunity and enterprise development for local businesses and contribute to community development, skill development as well as increased power supply.</p> <p>As a result, we hereby request to become part of the public participation process undertaken by Savannah Environmental as per our telephonic conversation on Friday</p>		

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	the 11th November 2016. May you share further information and register Phaphama Development Forum on your data base. Hope our request receives the best attention.		
SOCIOECONOMIC IMPACTS			
5.	We would like to know more of the project's concept. How will the nearby community benefit?	Khobonge Petrus Mahlangu Kghodwana Cultural Village & Museum Reply Form: 02-11-2016	The project is intended to form part of the Department of Energy's (DoE's) Coal Baseload Independent Power Producer (IPP) Procurement Programme (CBIPPPP). The CBIPPPP aims to secure 2 500MW of new coal-fired baseload electricity from IPPs; while simultaneously contributing towards socio-economic development and sustainable growth. Under the CBIPPPP IPPs are required to contribute towards a number of Economic Development objectives in the form of job creation, localisation through increased local manufacturing and making use of local content, rural development and the involvement of local communities, education and skills development, enterprise and supplier development, and socio-economic development. The nearby community would therefore benefit as a result of the socio-economic development objectives required under the CBIPPPP.
6.	Herewith is our comment/interest on H2 Power Environmental Impact Assessment Process: Socio-Economic Characteristics	Steven Nkosi NITT Economic Forum Letter:	A number of reasonable and feasible alternatives including design and layout alternatives, technology alternatives, as well as the "do-nothing" alternative have been identified for the project (see Section 2.5 of the Scoping Report). These alternatives will be assessed in terms of social, biophysical,

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	Options and alternatives should be developed for socioeconomic reasons, where Interested and Affected Persons are concerned.	30-12-2016	economic, and technical factors; and will be reported on in further detail in the EIA Report to be prepared for the project.
LAND USE			
7.	<p>Herewith is our comment/interest on H2 Power Environmental Impact Assessment Process:</p> <p>Land Use</p> <p>Most land is utilized for agricultural objects.</p>	<p>Steven Nkosi</p> <p>NITT Economic Forum</p> <p>Letter: 30-12-2016</p>	<p>A change in land use zoning will be required for the project. The applicant received a Special Power of Attorney from the Thembisile Hani Local Municipality on behalf of the landowner, the Department of Rural Development and Land Reform (DRDLR). This Special Power of Attorney indicated that the Thembisile Hani Local Municipality gives authorisation to the applicant for conducting planning activities for the preparation of a township application for an industrial site on Portions 21, 22 and 23 of the Farm Hartebeestspruit No. 434.</p>
PROJECT TECHNICAL DETAILS			
8.	<p>Herewith our interest in the H2 Energy Project.</p> <p>1. Dry Ash Disposal</p> <p>Dry Ash can be fabricated for production of cement and concrete and bricks manufacturing. The programme/process can benefit the local SMME and employment seekers.</p> <p>2. Waste</p> <p>It is important to capture CO2 and methane to reduce the effects of greenhouses gases on the ecosystem. The recycling of greenhouse gases compounds the production of energy thereof.</p>	<p>Johannes Mabela Director</p> <p>Moepo Investments</p> <p>Email: 07-12-2016</p>	<p>Ash generated by the project will be disposed of to an above ground membrane lined ash dump. The possibility of utilising ash for the production of cement and concrete, and the manufacturing of bricks would need to be investigated as part of the EIA Phase.</p> <p>Appropriate mitigation options such as carbon capture and storage, co-combustion of coal and biomass; integration with a concentrated solar power plant, or photovoltaics solar system to generate power for the auxiliaries will be proposed and elaborated on during the EIA Phase.</p> <p>The carbon footprint of the construction and operation of the proposed project will be quantified as part of the independent Climate Change Impact Assessment. The proposed projects</p>

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	<p>3. Carbon Footprints</p> <p>Carbon footprints must be registered and recorded, taking into consideration the following: minimising, reduction, prevention and avoiding the effects of carbon emissions. The possibility of carbon offsets and trade-offs must also not be overlooked at.</p> <p>We are domiciled at Tweefontein E, Thembisile Hani Local Municipality, 5km east of Haartebeesfontein farm.</p>		<p>impact on the carbon footprint of South Africa as well as the county's GHG emission reduction target will also be evaluated.</p>