

## NOTIFICATION TO AN AFFECTED PARTY OF A PROPOSED ACTIVITY UNDER ARTICLE 3 OF THE CONVENTION

<b>1. INFORMATION ON THE PROPOSED ACTIVITY</b>	
<b>(i) Information on the nature of the proposed activity</b>	
Type of activity proposed	Opencast mining of lignite coal
Is the proposed activity listed in Appendix I to the Convention?	Yes
Scope of proposed activity (e.g. main activity and any/all peripheral activities requiring assessment)	The main activity is extraction of lignite. Ancillary activities - filling of the overburden, construction of a mine, auxiliary infrastructure and of service industrial site.
Scale of proposed activity (e.g. size, production capacity, etc.)	Work area: for extraction activities - 6 sq. km, total development area - 28 sq. km. Mine dump area - 17 sq. km in the final development stage of development.
Description of proposed activity (e.g. technology used)	Opencast extraction of lignite coal, electrical machinery and transport-dump mining equipment, belt conveyors.
Description of purpose of proposed activity	Extraction of lignite for fuel in Thermal Power Plant (TPP). Design of TPP will be made provided that the Investor obtains permission from the Bulgarian State authority for coal extraction and mining. This is a project site, which is not a subject of the common EIA procedure, there will be a separate additional EIA procedure.
Rationale for proposed activity (e.g. socio-economic, physical geographic basis)	Resources of the Lom lignite field are estimated at approximately 14% of the lignite in Bulgaria, but in present conditions of production and the available technology it could be extracted significantly lower rate. They would provide operation of TPP for 40-50 years.
Additional information/comments	The extraction of economically viable coal reserves is projected to continue for 40-50 years.
<b>(ii) Information on the spatial and temporal boundaries of the proposed activity</b>	
Location	For ancillary activities at servicing the opencast mine, besides the planned area for development of the mining pit, it is defined also a territory of 32 sq. km. In this territory is included also the mine dump area. The area for project realization is located west of the town of Lom, between the Danube and Lom river, and in the west reaches Orsoya village. A map of the area of investment proposal is attached, which includes the entire opencast mine area, dump area and industrial site area (Attachment 1). Coordinates of the area of investment interest (as per systems 1970 and VGS) (Attachment 2).
Description of the location (e.g. physical-geographic, socio-economic characteristics)	The area is located in part of the lands of Lom town, villages Traykovo, Staliyska mahala, Vasilovtsi and Orsoya. Town of Lom is located on the right bank of the Danube River, at the mouth of the river Lom, in the so-called Lomska hollow. The relief is plain-hilly. Population in the town and villages, totalling about 29 thousand inhabitants (according to data from year 2008). The trend is towards depopulation, as there are two reasons - reduction of the birth rate and aging of population, on one hand and economic migration as a result of the high rates of unemployment, on the other hand. The majority

	of companies are in the category of Small and Medium enterprises (SMEs), with prevail of the trade and services.
Rationale for location of proposed activity (e.g. socio-economic, physical-geographic basis)	The situation of opencast mine is determined by the location of coal reserves, as all restrictions related with the situation of the Danube and Lom river, all settlements – Lom town, Momin Brod district, villages - Traykovo, Staliyska mahala, Vasilovtsi and Orsoya, and the railway line Brusartsi-Lom are taken into account.
Time-frame for proposed activity (e.g. start and duration of construction and operation)	According to the Bulgarian Law on Mineral Resources, the Environment Impact Assessment (EIA) shall be prepared at the stage of prospecting and exploration of mineral resources, i.e. at this stage the Developer does not have basic or detailed design, because there is not yet received permission for mining by the state authority. Preliminary estimates and analysis of the project provide about 5 years for designing, coordination and preparation of the terrain and for creating the necessary infrastructure. Construction of the mine will continue from 5 to 7 years, and the operation and exploiting the mine - about 40-50 years. The mine area is provisionally divided into 6 sections, which are processed consecutively with an average duration of 7-9 years.
Maps and other pictorial documents connected with the information on the proposed activity	- Map of the area of investment interest, including opencast mine area, dump area and industrial site area. - Coordinates of the area of investment proposal and facilities located there.
Additional information/comments	Near the investment area, but without having direct contact with it, there are four protected zones of Natura 2000 Networking Programme - River Lom Mominbrod swamp, Orsoya fish breeding pool and Orsoya protected area. There are not adjacent protected areas located nearby.
<b>(iii) Information on expected environmental impacts and proposed mitigation measures</b>	
Scope of assessment (e.g. consideration of: cumulative impacts, evaluation of alternatives, sustainable development issues, impact of peripheral activities, etc.)	The EIA is versatile and covers all aspects of the project impact on the natural objects, plants and animals, human population, protected areas, air, rivers and groundwater. EIA will analyze all types of anticipated impacts and it will make recommendations and mandatory measures to limit or prevent the negative issues of the project realization. At the present moment, there are no other known investment proposals, which cumulatively with this investment proposal to have a significant impact on the environment. The alternative, not to fulfil the investment proposal is very unfavourable for the socio-economic regional development, and will affect the energy security of the country. Such large scale event, as of the current investment proposal, will ensure the sustainable development of the region for more than half a century.
Expected environmental impacts of proposed activity (e.g. types, locations, magnitudes)	The expectations are to have a local impact of increased dust and noise levels (at the working area of excavation equipment and mine heap complex); local impacts on the pit area and around the pit due to lowering of the groundwater pressure; local impacts on the place of discharge of waters from drilling (in Danube river or in

	Lom River), which will have affect mainly on the Bulgarian territory, around the mouth of the Lom river. Obligatorily those waters will be treated or purified according to the degree and type of pollution before their discharge.
Inputs (e.g. raw material, power sources, etc.)	The most essential input resources that will be used are construction materials and electricity.
Outputs (e.g. amounts and types of: emissions into the atmosphere, discharges into the water system, solid waste)	The significant air pollution could not be expected because there are no significant organized sources of harmful emissions. Mining equipment will work with electricity, so there will be no significant harmful exhaust gas emissions. The surveys performed on water to be pumped, show that the water is not chemically polluted, but needs mechanical cleaning of impurities, i.e. sedimentation. It is supposed to monitor the quality of effluent water before discharge. Solid waste shall be sorted and processed according to the existing regulations, as there are not expected high levels of hazardous waste.
Transboundary impacts (e.g. types, locations, magnitudes)	The impacts on ground waters shall be expressed in significant change of their natural regime, because of the need of deep lowering of their heads for long period of time, according Basin Directorate of Danube region – Pleven position.
Proposed mitigation measures (e.g. if known, mitigation measures to prevent, eliminate, minimize, compensate for environmental effects)	There will be no blasting works, but excavation works only. No considerable amount of dust is expected at the yield area, because the rock and coal have its own natural moisture. At high temperatures and strong winds at the dump area could be provided humidifiers to irrigate the heap sections and in that way to prevent spreading of dust from the heap. To avoid dusting during transportation of earth soil and coal it is provided to use closed type rubber belt conveyors.
Additional information/comments	According to data of the Bulgarian Academy of Sciences (BAS) for the last 30 years in this region the winds are predominantly from the northwest direction, but there are also winds from the northeast. Due to this reason, there is no probability of transmission of dust toward the Danube river.
<b>(iv) Proponent/developer</b>	
Name, address, telephone and fax numbers	Enemona AD Kozloduy, 1A Panayot Hitov str. BULGARIA, tel.:+35928054764, fax: +35928054837
<b>(v) EIA documentation</b>	
Is the EIA documentation (e.g. EIA report or EIS) included in the notification?	<u>Partial</u>
If no/partial, description of additional documentation to be forwarded and (approximate) date(s) when documentation will	The EIA Report is not ready yet and the work on the consultations and preparation of the report continues. The procedure has been started with the submission of the <i>Notification of investment</i> proposal to the MOEW as

be available	a competent national environmental authority. The stage of the procedure is a consultations on the Terms of Reference for the scope of the EIA report. The ToR is attached to the notification.
Additional information/comments	
<b>2. POINTS OF CONTACT</b>	
<b>i(i) Points of contact for the possible affected Party or Parties</b>	
Authority responsible for coordinating activities relating to the EIA (refer to decision I/3, appendix) - Name, address, telephone and fax numbers	<p>Authority: <b>Ministry of Environment and Forests</b>  Address: 12, Blvd. Libertatii, Sector 5,  Town Bucharest RO - 040129  Romania  <b>Ms. Dorina MOCANU</b>  Director  Directorate for Pollution Control and Impact Assessment  Telephone: +40 21 316 7735  Fax: +40 21 316 0421  E-mail: <a href="mailto:dorina.mocanu(at)mmediu.ro">dorina.mocanu(at)mmediu.ro</a></p> <p><b>Ms. Daniela Eugenia PINETA</b>  Director  Directorate for Pollution Control and Impact Assessment  <b>Ministry of Environment and Forests</b>  12, Blvd. Libertatii, Sector 5, Bucharest RO - 040129  Telephone: +40 21 316.6154  Fax: +40 21 316.0421  E-mail: <a href="mailto:pineta.daniela@mmediu.ro">pineta.daniela@mmediu.ro</a></p>
List of affected Parties to which notification is being sent	Romania
<b>(ii) Points of contact for the Party of origin</b>	
Authority responsible for coordinating activities relating to the EIA (refer to decision I/3, appendix) - Name, address, telephone and fax numbers	<p><b>Ministry of Environment and Water</b>  22 Maria Louisa Blvd. 1000 Sofia  BULGARIA  Telephone: +359 2 988 2577  Fax: +359 2 986 2533</p> <p><b>Ms. Jacqueline METODIEVA</b>  Head of EIA/EAD Department  Telephone: +359 2 940 60 32  E-mail: <a href="mailto:metodieva(at)moew.government.bg">metodieva(at)moew.government.bg</a></p> <p><b>Ms. Detelina PEICHEVA</b>  State Expert, International Cooperation Department  Telephone: +359 2 940 62 15  Fax: +359 2 987 38 67  E-mail: <a href="mailto:dpeycheva(at)moew.government.bg">dpeycheva(at)moew.government.bg</a></p>
Decision-making authority if different than authority responsible for coordinating activities relating to the EIA - Name, address, telephone and fax numbers	
<b>3. INFORMATION ON THE EIA PROCESS IN THE COUNTRY WHERE THE PROPOSED</b>	

<b>ACTIVITY IS LOCATED</b>	
<b>(i) Information on the EIA process that will be applied to the proposed activity</b>	
Time schedule	
Opportunities for the affected Party or Parties to be involved in the EIA process	Romania could participate during the following steps of the EIA procedure: <ul style="list-style-type: none"> <li>- consultation on the ToR for the scope of the EIA;</li> <li>- consultations on the EIA Report;</li> <li>- public hearings;</li> <li>- post-project analysis</li> </ul>
Opportunities for the affected Party or Parties to review and comment on the notification and the EIA documentation	Yes
Nature and timing of the possible decision	
Process for approval of the proposed activity	See up.
Additional information/comments	
<b>4. INFORMATION ON THE PUBLIC PARTICIPATION PROCESS IN THE COUNTRY OF ORIGIN</b>	
Public participation procedures	Public hearings and discussions on the EIA Report.
Expected start and duration of public consultation	October-December 2011
Additional information/comments	
<b>5. DEADLINE FOR RESPONSE</b>	
Date	3 weeks