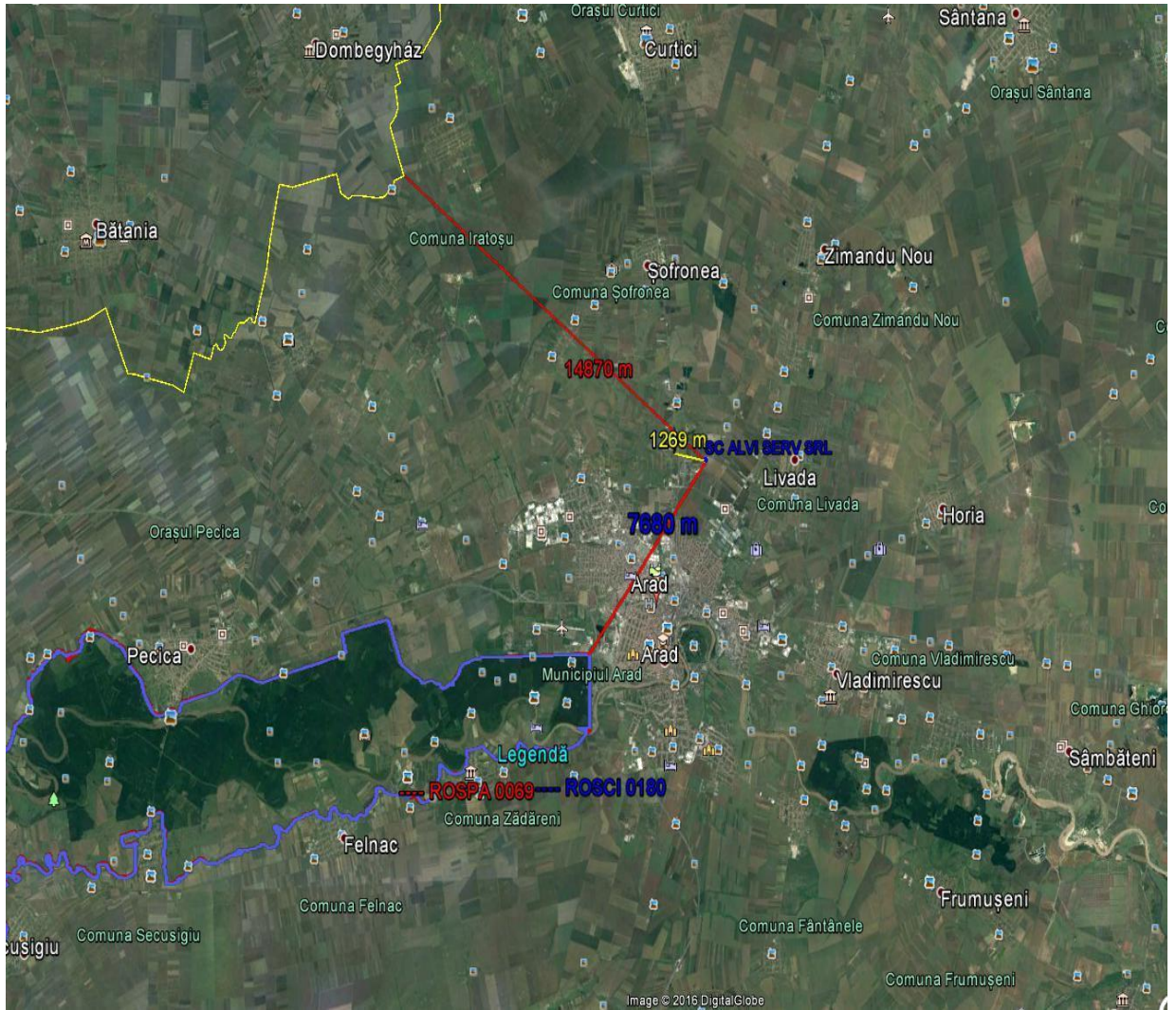


**NOTIFICATION TO AN AFFECTED PARTY OF A PROPOSED ACTIVITY UNDER ARTICLE 3 OF THE CONVENTION FOR EIA REPORT IN THE TRANSBOUNDARY CONTEX**

<b>1. INFORMATION ON THE PROPOSED ACTIVITY</b>	
<b>(i) Information on the nature of the proposed activity</b>	
Type of activity proposed :	INCINERATION OF HAZARDOUS WASTE
Is the proposed activity listed in Appendix I to the Convention?	Yes, at point 10, paragraph (a) – „installations for disposal of toxic and dangerous waste, chemical treatment and landfill ”
Scope of proposed activity: (e.g. main activity and any/all peripheral activities requiring assessment)	<p>The implementation of the proposed project was designed so as to develop the company's business both by increasing the capacity of waste incineration and by diversification through both non-hazardous waste incineration and a larger pool of hazardous waste.</p> <p>Also we are aiming to create new capacities of incineration for the geographical area comprising the county of Arad and the surrounding counties through provision with high-performance equipment that meets the highest technical and environmental protection standards.</p> <p>The general scope of the incineration of waste is:</p> <ol style="list-style-type: none"> <li>1. to reduce to the maximum the potential risks and pollutions;</li> <li>2. to reduce the waste quantity and volume;</li> <li>3. to convert the remaining substances in a form that allows their recovery.</li> </ol>
Scale of proposed activity (e.g.size, production capacity, etc)	<p>The work to be carried out is the incineration of non-hazardous and hazardous waste. To determine the capacity of the incineration, we must take into account the following information:</p> <ol style="list-style-type: none"> <li>1. maximum capacity: 5000 kg</li> <li>2. maximum hourly output: 1250 kg</li> <li>3. time required for an incineration batch: 5000 kg capacity: 1250 kg/h = 4 hours of incineration for a feed at maximum capacity the incinerator will never be filled at its maximum capacity if it is desired to obtain the maximum combustion rate of 1250 kg/h. To achieve this rate a maximum load of 75% is recommended. Hence a combustion capacity of 3750 kg per batch / 4 hours (where it is taken into account the time required for both the initiation conditions of the incineration and the temperature of the primary combustion chamber of the incineration) after each combustion batch, the incinerator must be cooled down for 2 hours in order to intervene for feed and ash removal and to prevent damage to the refractory cement mantle the necessary time to perform the operations of opening, ventilation and ash extraction from the incinerator, as well as its technical verification before a new supply is minimum 2.5 hours the necessary time to perform all the operation of feed and closing of the incinerator is minimum 1 hour</li> <li>4. the total time for a combustion batch (at a maximum capacity) is therefore 4 + 2 + 2,5 + 1 = 9,5 hours</li> <li>5. the maximum number of batches / 24 h is <math>24 : 9,5 = 2,526</math></li> </ol>

	6. the maximum capacity of the incineration for 24 hours is given by the maximum number of batches x combustion capacity for one batch, that is: $2,526 \times 3750 = 9472,5 \text{ kg} / 24 \text{ h}$
Description of purpose of proposed activity:	The proposed activity is comprised of the following stages: <ol style="list-style-type: none"> <li>1. The reception of dangerous and non-dangerous waste</li> <li>2. The incineration of waste in latest technology machines equipped with a gas cleaning system</li> <li>3. The disposal of the resulted ashes through authorized economical agents</li> </ol>
Rationale for proposed activity (e.g. socio-economic, physical geographic basis)	The development of the company's activity and the growth of the area capacity of hazardous waste disposal to ensure optimal conditions for operation of companies that generate, by activity, such waste. This is of great importance in ensuring optimal conditions for the development of local companies (which through their activity generate hazardous waste) which will generate a strong positive economic impact on the area. At the same time it will be generated a strong social impact by creating jobs, both on the horizontal and vertical economical plan.
Additional information / comments	It is not the case.
<b>(ii) Information on the spatial and temporal boundaries of the proposed activity</b>	
Location:	According to the documentation of “ <b>General Urban Plan of Arad</b> ”, the analyzed land is the private property of SC Alvi Serv SRL and is located in the isolated body UTR no. 103, with 339010 cadastral number. The project is located at a distance of 14870 m from the nearest point on the border between Romania and Hungary.
Description of the location : (e.g. physical-geographic, socio-economic characteristics)	The location of the implementation of the project consists of several buildings and concrete platforms on which currently incineration of non-hazardous waste of animal original, collection and disposal of non-dangerous waste are taking place
Rationale for location of proposed activity (e.g. socio economic, physical-geographic basis)	The site is located in the north of Arad, in an area dedicated exclusively to polluting industrial activities in Arad. This area was declared polluting industrial area by the City Council of Arad.
Time-frame for proposed activity (e.g. start and duration of construction and operation)	Duration of execution of the construction works needed for structural elements of mobile constructions, the placement of hazardous waste incinerator with gas cleaning system and putting these into function are estimated at 30 days
Maps and other pictorial documents connected with the information on the proposed activity	



Additional information/ comments	It is not the case																																																																									
<b>(iii) Information on expected environmental impacts and proposed mitigation measures</b>																																																																										
<p>Scope of assessment</p> <p>(e.g. consideration of: cumulative impacts, evaluation of alternatives, sustainable development issues, impact of peripheral activities, etc.)</p>	<p>Evaluation is done in order to analyze and identify the impact on the environment.</p>																																																																									
<p>Expected environmental impacts of proposed activity (e.g. types, locations, magnitudes)</p>	<p>The forecasted impact is insignificantly negative. The cumulative impact with other projects is still forecasted insignificantly negative</p>																																																																									
<p>Inputs(e.g. raw material, power sources, etc)</p>	<p>The raw materials used are represented by the types and quantities of hazardous and non-hazardous waste that are suitable for disposal by incineration.</p> <p>Energy sources used:</p> <ol style="list-style-type: none"> <li>1. Electrical energy – 16,64 MW/year</li> <li>2. Diesel fuel – 150,4 t/year</li> </ol>																																																																									
<p>Outputs (e.g. amounts and types of: discharges in air, discharges into the water system, solid waste)</p>	<p><b>A. during construction</b></p> <p>1. only air emissions resulting from car traffic and using machines</p> <p>The estimated total consumption of diesel fuel = 700 l = 581 kg (d = 0.830 kg / l)</p> <table border="1" data-bbox="850 1115 1439 1326"> <thead> <tr> <th rowspan="2"></th> <th colspan="7">Mass flow rate (kg)</th> </tr> <tr> <th>NO<sub>x</sub></th> <th>CH<sub>4</sub></th> <th>VOC</th> <th>CO</th> <th>N<sub>2</sub>O</th> <th>CO<sub>2</sub></th> <th>SO<sub>2</sub></th> </tr> </thead> <tbody> <tr> <td>FE g / kg fuel</td> <td>42,7</td> <td>0,25</td> <td>8,16</td> <td>34,2</td> <td>0,12</td> <td>3138</td> <td>2</td> </tr> <tr> <td>Total emissions all sources</td> <td>24,80</td> <td>0,14</td> <td>4,74</td> <td>19,87</td> <td>0,07</td> <td>1823,18</td> <td>1,162</td> </tr> </tbody> </table> <p>2. emissions in water</p> <table border="1" data-bbox="686 1467 1439 1870"> <thead> <tr> <th>Parameter</th> <th>Upload (g / resident / day)</th> <th>Concentration (mg / liter)</th> <th colspan="2">The total load for 10 persons (mg / liter) the minimum and maximum limit</th> <th colspan="2">Full load for 10 persons (kg / day) the minimum and maximum</th> </tr> </thead> <tbody> <tr> <td>Total solids</td> <td>115-170</td> <td>680-1000</td> <td>68</td> <td>10000</td> <td>1,15</td> <td>1,700</td> </tr> <tr> <td>Volatile solid</td> <td>65-85</td> <td>380-500</td> <td>38</td> <td>5000</td> <td>0,65</td> <td>0,850</td> </tr> <tr> <td>Solid suspension</td> <td>35-50</td> <td>200-290</td> <td>20</td> <td>2900</td> <td>0,35</td> <td>0,500</td> </tr> <tr> <td>Volatile suspended solids</td> <td>25-40</td> <td>150-240</td> <td>15</td> <td>2400</td> <td>0,25</td> <td>0,400</td> </tr> <tr> <td>CBO5</td> <td>35-50</td> <td>200-290</td> <td>20</td> <td>2900</td> <td>0,35</td> <td>0,500</td> </tr> </tbody> </table>		Mass flow rate (kg)							NO <sub>x</sub>	CH <sub>4</sub>	VOC	CO	N <sub>2</sub> O	CO <sub>2</sub>	SO <sub>2</sub>	FE g / kg fuel	42,7	0,25	8,16	34,2	0,12	3138	2	Total emissions all sources	24,80	0,14	4,74	19,87	0,07	1823,18	1,162	Parameter	Upload (g / resident / day)	Concentration (mg / liter)	The total load for 10 persons (mg / liter) the minimum and maximum limit		Full load for 10 persons (kg / day) the minimum and maximum		Total solids	115-170	680-1000	68	10000	1,15	1,700	Volatile solid	65-85	380-500	38	5000	0,65	0,850	Solid suspension	35-50	200-290	20	2900	0,35	0,500	Volatile suspended solids	25-40	150-240	15	2400	0,25	0,400	CBO5	35-50	200-290	20	2900	0,35	0,500
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CCOCr	115-125	680-730	68	7300	1,15	1,250
Total nitrogen	6 – 17	35-100	35	1000	0,06	0,170
Ammonium	1 – 3	6 - 18	60	180	0,01	0,030
Nitrites, nitrates	<1	<1	<1	<1	<1	<1
Total phosphorus	3 - 5	18-29	18	290	0,03	0,050
Phosphate	1 - 4	6 - 24	60	240	0,01	0,040
Coliform, total	-	1010-1012	-	-	-	-
Fecal coliform	-	108-1010	-	-	-	-

Analyzing the water load based on the results of previous tests (test report 23T) in conjunction with domestic wastewater volumes expected to be generated

We have analyzed the location of the results shown in the table below:

Parameter	ID values analyses	M.U.	Maximum volume estimated for domestic wastewater			Maximum volume loads			VLA cf. NTP 002/2005
			daily	monthly	annual	daily	monthly	annual	

pH	6,72	unit. pH							6,5 8,5
Total suspended materials	32	mg/l	0,6	15	180	0,019	0,48	5,7	350
CCOCr	320	mgO <sub>2</sub> /l				0,19	4,8	57	500
CBOs	42	mgO <sub>2</sub> /l				0,025	0,63	7,56	300
Ammonium	3,22	mg/l				0,0019	0,048	0,58	30
total phosphorus	2,3	mg/l				0,0014	0,035	0,414	5

### 3. waste obtained

Type of waste	Waste Code *	Power generation	Method of storage / storage	Mod proposed disposal / recovery of waste	Estimated quantities
Metallic waste	17 04 05	Location steelwork construction	Concrete platform Concrete platform	It is recovered by authorized companies	0,05 t
Scrap electrical cable	17 04 11	Building networks and electrical connections	Concrete platform	It is recovered by authorized companies	0,01 t
Household waste	20 03 01	Activity staff	Eurobins placed on the platform	Delete the authorized companies by Arad City Council	1 mc

### B. Operating stage

#### 1.air emissions

## Mobile sources

Source		Mass flow rate (g / h)						
		NO <sub>x</sub>	CH <sub>4</sub>	VOC	CO	N <sub>2</sub> O	CO <sub>2</sub>	SO <sub>2</sub>
	FE g / kg fuel	15,9	0,055	4,64	1,58	0,188	3138	2
	Diesel fuel consumption per hour l / h - kg / h							
Trucks	16 – 13,6	216,24	0,74	63,1	21,48	2,55	42676,8	27,2
Forklift	6 – 5,1	81,09	0,28	23,66	8,05	0,95	16003	10,2
<b>Total</b>	<b>22 – 18,7</b>	<b>297,33</b>	<b>1,02</b>	<b>86,76</b>	<b>29,53</b>	<b>3,5</b>	<b>58679,8</b>	<b>37,4</b>

## Stationary source (chimney incinerator)

Title source	Pollutant	Mass flow (G / h)	Gas flow rate / air contaminated (M3 / h)	The concentration in the emission (Mg / m3)	Alert threshold (Mg / m3)	VLA <sup>1</sup> (mg/m <sup>3</sup> )
incinerator flue gas chimney I8-1000	NO <sub>x</sub>	200	3556	60	245	350
	SO <sub>2</sub>	8,53		2,4	24,5	35
	CO	278,43		78,3	70	100
	Particles	4,26		1,2	3,5	5
	COV	38,3		10,77	n.n.	n.n.

## 2.emissions in water

The total volumes of wastewater (domestic and technological) that will result from the work Alvi Serv SRL are:

Quz day maximum = 5.4 cm / day = 1728 cm / year. Quz

day average 4.32 cm / day = 1382.4 cm / year. Quz day

minimum = 3.46 cm / day = 1107.2 cm / year.

Parameter	Upload (g / resident / day)	Concentration (mg / liter)	The total load for 8 persons (mg / liter) the minimum and maximum		Total charge for 3 persons (kg / day) the minimum and maximum	
Total solids	115-170	680-1000	5440	8000	0,345	0,510
Volatile solid	65-85	380-500	3040	4000	0,195	0,255
Solid Suspension	35-50	200-290	1600	2320	0,105	0,150
Volatile suspended solids	25-40	150-240	1200	1920	0,075	0,112
CBO5	35-50	200-290	1600	2320	0,105	0,150
CCOCr	115-125	680-730	5440	5840	0,345	0,375
Total Nitrogen	6 – 17	35-100	280	800	0,018	0,051
Amonium	1 – 3	6 - 18	48	144	0,003	0,009
Nitrites, nitrates	<1	<1	<1	<1	<1	<1
total phosphorus	3 - 5	18-29	144	232	0,009	0,015

phosphate	1 - 4	6 - 24	48	192	0,003	0,012
Coliform, total	-	1010-1012	-	-	-	-
Fecal coliform	-	108-1010	-	-	-	-

### 3.waste obtained

Type of waste	Waste Code *	Wrapping according to HG 856/2002	Power generation	Method of storage / storage	Mod proposed disposal / recovery of waste	Estimated Daily Amounts
S1 cm / monthludge	19 01 07*	Solid waste from gas treatment	An apparatus for scrubbing the incinerator equipment	The tank wash system The tank wash system	Eliminated through incineration incinerator that will install	2 kg
Ash	19 01 12	combustion ash and slag other than those mentioned in 19 01 11 *	incinerator	Containers with a capacity of 1100 l	Delete the authorized companies to store hazardous waste of Arad	150 kg
Household waste	20 03 01		Activity staff	Eurobins placed on the platform	Delete the authorized companies by Arad City Council	1 cm / month

Transboundary impacts (e.g. types, locations, magnitudes)

No transboundary impact is estimated

Proposed mitigation measures (e.g. if known, mitigation measures to prevent, mitigate, minimize, compensate for environmental effects )

It is not the case because it will be used a latest generation incineration machine equipped with a scrubber and hydrocyclon.

Additional information/ comments

#### (IV) Proponent/developer:

Name, address, telephone and fax number

- Company's name:** S.C. ALVI SERV S.R.L.;
- Headquarters:** Arad, 38 Bradului street, Arad county;
- Site address:** Arad, CET area, 103 body
- Telephone number:** 0337-103508;
- Fax:** 0237-230271;
- Contact person:** *Fechete Volodea*– phone 004 0727878441
- CEO:** *Moraru Sebastian*- phone 004 0740256276
- Responsible for environmental protection:** S.C. DIVORI PREST S.R.L.

<b>(V) EIA documentation</b>	
Is the EIA documentation (e.g. EIA report or EIS) included in the notification?	To this notification is attached the documentation relating to the transboundary impact assessment drawn up in accordance with the requirements of annex 2 of the Convention from Espoo. In this documentation are described the purpose of the activity, the main objectives, the impact of environmental factors, including transboundary, proposed measures to reduce/eliminate impact on each environmental factor possibly affected.
If no/partially, description of additional documentation to be forwarded and (approximate) date(s) when documentation will be available	Technical report is added. The EIA report should be available in a few months.
Additional information/ comments	It is not the case.
<b>2. POINTS OF CONTACT</b>	
<b>(i) Points of contact for the possible affected Part or Parties</b>	
Authority responsible for coordinating activities relating to the EIA (refer to decision I/3, appendix):  Name, address, tel and fax numbers	Ministry of Agriculture, Hungary  Head office: 1055 Budapest, Kossuth Lajos tér 11.  Postal address: 1860 Budapest  Phone: +36 1 795 2137  Fax: +36 1 795 0200  E-mail: sajto@fm.gov.hu
List of affected parties to which notification is being sent	Hungary
<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, tel and fax numbers	Ministry of Environment , Romania  12th, Libertatii Blvd., Sector 5, Bucharest, 040129  Telephone: 004 021 408 9523  Fax: 004 021 316 0421  e-mail: cabinet.ministru@mmediu.ro
Decision making authority if different than authority responsible for coordinating activities relating to the EIA.  Name address, tel and fax numbers	ENVIRONMENTAL PROTECTION AGENCY ARAD  Arad, Splaiul Mures, FN  Phone: 004 0257280331  Fax: 004 0257281476  Email: office@apmar.anpm.ro
<b>INFORMATION ON THE EIA PROCESS IN THE COUNTRY WHERE THE PROPOSED ACTIVITY IS LOCATED</b>	
<b>(i) Information on the EIA process that will be applied to the proposed activity</b>	



Time schedule:	10 months
Opportunities for the affected party/parties to be involved in the EIA process	<p>The Hungarian party may participate in decision-making under the EIA procedure as follows:</p> <ul style="list-style-type: none"> <li>- Following the notification and submission of the enclosed documentation, may take the decision to participate in the EIA procedure and may send comments and observations that will be taken into consideration in the EIA documentation;</li> <li>- If necessary, the authorities of the affected party will be consulted subsequently, according to the provisions of art. 5 of the Espoo Convention.</li> </ul>
Opportunities for the affected party/parties to review and comment on the notification and the EIA documentation	Comments on the notification and technical report are expected, if Hungary decides to participate to the EIA procedure.
Nature and timing of the possible decision :	The decision that might be taken is to issue the environmental agreement and the construction authorization for this project.
Process for approval of the proposed activity	The proposed activity will be approved by the construction authorization after the environmental agreement (final EIA decision) is issued by the environmental competent authorities.
Additional information/ comments	-
<b>4. INFORMATION ON THE PUBLIC PARTICIPATION PROCESS IN THE COUNTRY OF ORIGIN</b>	
Public participation procedures	<p>In accordance with the provisions of Romanian legislation, the public participates in decision making during EIA procedure, as follows:</p> <ul style="list-style-type: none"> <li>-has a minimum of 30 days for submitting comments/observations to the EIA documentation in the procedural stages;</li> <li>- within the public debate organized after the submission of the EIA report; the public has access to EIA documentation and may formulate comments/observations to it both before and during the public debate.</li> </ul>
Expected start and duration of public consultation	In accordance with Romanian legislation, the public has a minimum of 60 days for submitting comments/observations to the EIA documentation in the procedural stages
Additional information/ comments	<p>Contact persons from Ministry of Environment - General Directorate for Impact Assessment and Pollution Control</p> <p>Mihaela MĂCELARU, focal point on Espoo Convention e-mail: mihaela.macelaru@mmediu.ro</p> <p>Anca – Maria APREUTESEI , senior adviser e-mail: anca.apreutesei@mmediu.ro</p> <p>tel.: 004 021 408 9588 fax: 004 021 316 0421</p>

<b>5. DEADLINE FOR RESPONSE</b>	
Date:	21 days after receiving the notification

List of the affected parties to whom the notification has been sent	AGENCY FOR ENVIRONMENTAL PROTECTION ARAD  Arad, Splaiul Mures, FN  Phone: 0040257280331  Fax: 0040257281476 Email: office@apmar.anpm.ro
<b>(ii) Contact Points for the Origin Part</b>	
Authority responsible for coordinating activities relating to the EIA (refer to Decision I/3, appendix)  Name address, tel and fax numbers	Ministry of Environment, Waters and Forests  12 Libertății Boulevard, sector 5, Bucharest,  Romania - 040129  Phone:  Fax:
Decision making authority if different than authority responsible for coordinating activities relating to the EIA.  Name address, tel and fax numbers	
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<b>(i) Information on the EIA process that will be applied to the proposed activity</b>	
Time schedule:	
Opportunities for the affected party/parties to be involved in the EIA process	
Opportunities for the affected party/parties to review and comment on the notification and the EIA documentation	
Nature and timing of the possible decision :  Process for approval of the proposed activity	
Additional information/ comments	
<b>4. INFORMATION ON THE PUBLIC PARTICIPATION PROCESS IN THE COUNTRY OF ORIGIN</b>	
Public participation procedures	
Expected start and duration of public consultation	
Additional information/ comments	
<b>5. DEADLINE FOR RESPONSE</b>	

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*The undersigned, Pașcalău Raul, certified interpreter and translator for English and French, pursuant to Authorization no. 6893/2002, issued by the Ministry of Justice in Romania, hereby certify the accurate character of the translation from Romanian in English, that the text has been fully translated, without*

*any omissions and that, by this translation, the content and meaning of this deed  
have not been modified.*

***CERTIFIED INTERPRETER AND TRANSLATOR***

***PAȘCALĂU RAUL***