

**NOTIFICATION TO AN AFFECTED PARTY OF A PROPOSED ACTIVITY
UNDER ARTICLE 3 OF THE CONVENTION FOR ENVIRONMENTAL IMPACT ASSESSMENT
IN THE TRANSBOUNDARY CONTEX**

1. INFORMATION ON THE PROPOSED ACTIVITY	
(i) Information on the nature of the proposed activity	
Type of activity proposed:	Generation of electricity in hydropower plants.
Is the proposed activity listed in Appendix I to the Convention?	The activity is included in Appendix I, item 11 to the Espoo Convention, "Large Dams and Storages", ratified by Law no. 22/2001.
Scope of proposed activity (e.g. main activity and any/all peripheral activities requiring assessment)	<p>Main activity: completion of works for construction, installations and mounting of equipment for the project on <i>"Increasing the amount of electricity generated from renewable sources by completing the works and ensuring the permanent monitoring of the environmental impact of the hydropower development of the Olt River on Cornetu Avrig sector"</i></p> <p>Peripheral activities: Railway bridge protection works, protection of Turnul Spart, historical monument.</p>
Scale of proposed activity (e.g. size, production capacity, etc.)	<p>The generation capacity that will be put into operation after the completion of the project will be 156.80 GWh/year.</p> <p>The total area that will be permanently occupied after the completion of the works is 1,096.44 ha.</p>
Description of proposed activity (e.g. technology used):	<p>By design it is proposed to carry out the following works:</p> <ul style="list-style-type: none"> • Câineni HPP: <ul style="list-style-type: none"> - Storage lake delimited on the right bank by the railway defense dam and on the left bank by a dam connecting to the slope, with total volume 4,97 mil. mc and useful volume 1.00 mil. mc. - Completion and equipment of the dam type power plant located in the front, aligned with the spillway dam with: 2 hydro units with vertical Kaplan turbine, rigidly coupled with a hydro generator with an installed capacity of 13.25 MW, resulting in an installed HPP capacity of 26.5 MW; auxiliary mechanical and electrical installations serving the proper operation of the hydro units, including its own 110 kV substation, equipped with transformers; - Completion and equipping of the spillway dam with gates; - Completion of the tailrace and the high waters channel; - Access to the upstream hydrotechnical knot on the right bank dam crest. • Lotrioara HPP: <ul style="list-style-type: none"> - Storage lake delimited on the right bank by the DN 7 defense dam and on the left bank by the railway embankment with protection of railway bridges

	<p>and railway embankment portions, whit Total volume 2,61 mil. mc and Useful volume total 0,35 mil. mc.</p> <ul style="list-style-type: none"> - Hydropower plant of dam type located in the front, aligned with the spillway dam, equipped with: 2 hydro units with vertical Kaplan turbine – 14 MW HPP installed capacity, including its own 110 kV substation, equipped with 10.5/110 kV voltage transformers; - Mechanical and electrical auxiliary installations serving the proper functioning of hydro units; - Regulation downstream/tailrace and high waters; - Roads, bridges, DN7 and railway accesses and protections: access to Lotrioara hydrotechnical knot from DN7 through a classic intersection at the level; - Protection of Turnul Spart, historical monument; - The spillway dam and equipping with gates. • Racovița HPP: <ul style="list-style-type: none"> - Remaining works to be executed for the backwater dams in the tail of the storage lake (elevation 373.5 maBSI) and remaining works to be executed for the tailrace of Racovita HPP (execution of excavation at the elevation of 358 maBSI); - Railway bridge protection works on the tailrace of Racovita HPP; - Protective works of Marșa and Avrig railway bridges (dams closures in CF). • Remaining works to be executed, required for the entire objective: <ul style="list-style-type: none"> - Connecting the power plants to the national energy system (NES) by executing a 400 kV substation; <p>Execution of the warning-alarm system of the development.</p>
Description of purpose of proposed activity:	The purpose is to ensure the energy balance in Romania by completing the works related to the project and increasing the amount of electricity generated from renewable sources.
Rationale for proposed activity (e.g. socio-economic, physical geographic basis)	Supplementing the share of energy generated by renewable resources.
Additional information/comments	-
(ii) Information on the spatial and temporal boundaries of the proposed activity	
Location:	The works proposed by the project are carried out on the territory of the Avrig, Racovița, Tâlmăciu and Turnu Roșu Administrative-territorial Units in Sibiu County, respectively Căineni and Racovița in Vâlcea County.
Description of the location (e.g. physical-geographic, socio-economic characteristics)	The investment objective is located in the south of Sibiu County and in the northern part of Vâlcea County, being limited upstream by Avrig HPP and downstream by Gura Lotrului HPP. <i>The HPD of Olt River gorge on Cornetu-Avrig sector</i> comprises 5 steps of head: Racovița HPP, Lotrioara HPP, Căineni HPP,

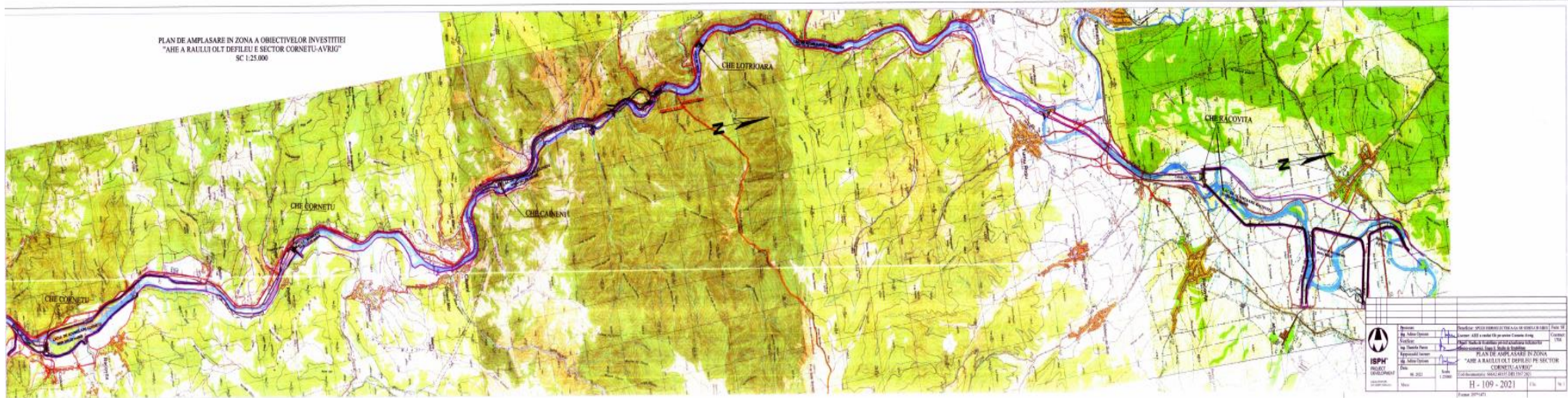
	<p>Robești HPP and Cornetu HPP.</p> <p>The hydropower developments within the investment objective are developed along DN7, except for Racovița HPP which develops immediately upstream from the entrance to the Olt river gorge and it is at a distance between 230 km and 280 km from the discharge into the Danube River.</p> <p>Căineni HPP will be delimited upstream by Lotrioara HPP and downstream it is already delimited by Robești HPP. Căineni storage practically develops between the two slopes of the Olt Gorge, having on the right bank CF (railway) and DN (national road). Căineni hydrotechnical knot, located upstream at 3 km from Căineni locality, develops on the lower terrace on the right bank of Olt River with elevations of the natural land between 340 and 341 mBSL.</p> <p>Lotrioara HPP will be delimited upstream by Racovița HPP and downstream by Căineni HPP. Lotrioara storage develops practically between the two slopes of the Olt Gorge, in an area of accentuated gorge, having on the right bank DN7 and on the left bank Podu-Olt/Piatra-Olt railway. The location of the power plant - dam is located in the minor riverbed of Olt at approx. 600 m upstream of the discharge of the Lotrioara stream into the Olt River. The power plant is located to the right of the spillway dam.</p> <p>The components of Lotrioara HPD are located inside the Natura 2000 site <i>ROSCI00132 Middle Olt - Cibin – Hârtibaciu</i>.</p> <p>In the vicinity of the development there are also the following natural protected areas:</p> <ul style="list-style-type: none"> - <i>ROSCI0304 Hârtibaciu South West;</i> - <i>ROSCI0122 Făgăraș Mountains/ROSPA0098 Făgăraș Piedmont;</i> - <i>ROSCI0085 Frumoasa/ROSPA0043 Frumoasa.</i> <p>The components of Căineni HPD are located inside the Natura 2000 site <i>ROSCI00132 Middle Olt - Cibin – Hârtibaciu</i>.</p> <p>In the vicinity of the development there are also the following natural protected areas:</p> <ul style="list-style-type: none"> - <i>ROSCI0122 Făgăraș Mountains/ROSPA0098 Făgăraș Piedmont;</i> - <i>ROSCI0085 Frumoasa/ROSPA0043 Frumoasa.</i>
Rationale for location of proposed activity (e.g. socio-economic, physical-geographic basis)	<p>The land areas that are necessary to carry out the project will be occupied by the remaining works to be carried out at Căineni, Lotrioara and Racovița steps, as well as for the connection of the entire development to NES. Of these, some of the areas have already been occupied by unfinished structures, which will now develop vertically on the existing foundations.</p>
Time-frame for proposed activity (e.g.: start and duration of construction and operation)	<p>The estimated start date for the works is 2024.</p> <p>The time required to complete the works is at least 32 months.</p> <p>The service life is 30 years.</p>

Maps and other pictorial documents connected with the information on the proposed activity	The map regarding the proposed activity can be found in Appendix of this notification.
Additional information/comments	-
(iii) Information on expected environmental impacts and proposed mitigation measures	
Scope of assessment (e.g. consideration of: cumulative impacts, evaluation of alternatives, sustainable development issues, impact of peripheral activities, etc.)	The assessment of impact on environment, biodiversity and water and proposed prevention and mitigation measures will be identified by the following studies: <ul style="list-style-type: none"> - Environmental Impact Report, - Appropriate assessment study, - Study for the assessment of the impact on water bodies.
Expected environmental impacts of proposed activity (e.g. types, locations, magnitudes)	The environmental impact assessment and the mitigation measures will be proposed through the aforementioned studies.
Inputs (e.g. raw material, power sources, etc.)	The following raw materials shall be used for operation: <ul style="list-style-type: none"> - Installed water flow; - Oils and Diesel fuel.
Outputs (e.g. amounts and types of: discharges in air, discharges into the water system, solid waste)	The technological process of energy generation will result in processed water. The waste will be temporarily stored in specially designed spaces and it will be transported/recovered/disposed of by an authorized company, in compliance with the legislation in force.
Transboundary impacts (e.g. types, locations, magnitudes)	We estimate that there will be no cross-border effects on the environment during the execution of the works and during normal operation.
Proposed mitigation measures (e.g. if known, mitigation measures to prevent, mitigate, minimize, compensate for environmental effects)	These will be specified in the Environmental Impact Report.
Additional information/comments	No
(iv) Proponent/developer:	
Name, address, telephone and fax numbers	SPEEH Hidroelectrica SA, 15-17 Ion Mihalache Bld. 10th-15th floors, 1st District Bucharest, Phone:0213032500 Fax:0213032564
(v) EIA documentation	
Is the EIA documentation (e.g. EIA report or EIS) included in the notification?	NO
If no/partially, description of additional documentation to be forwarded and (approximate) date(s) when documentation will be available	The Environmental Impact Report, Appropriate Assessment Study and Water Body Impact Assessment Study will be developed based on the guidance and submitted to interested parties to participate in the EIA procedure. The estimated deadline is the end of 2023.
Additional information/comments	-

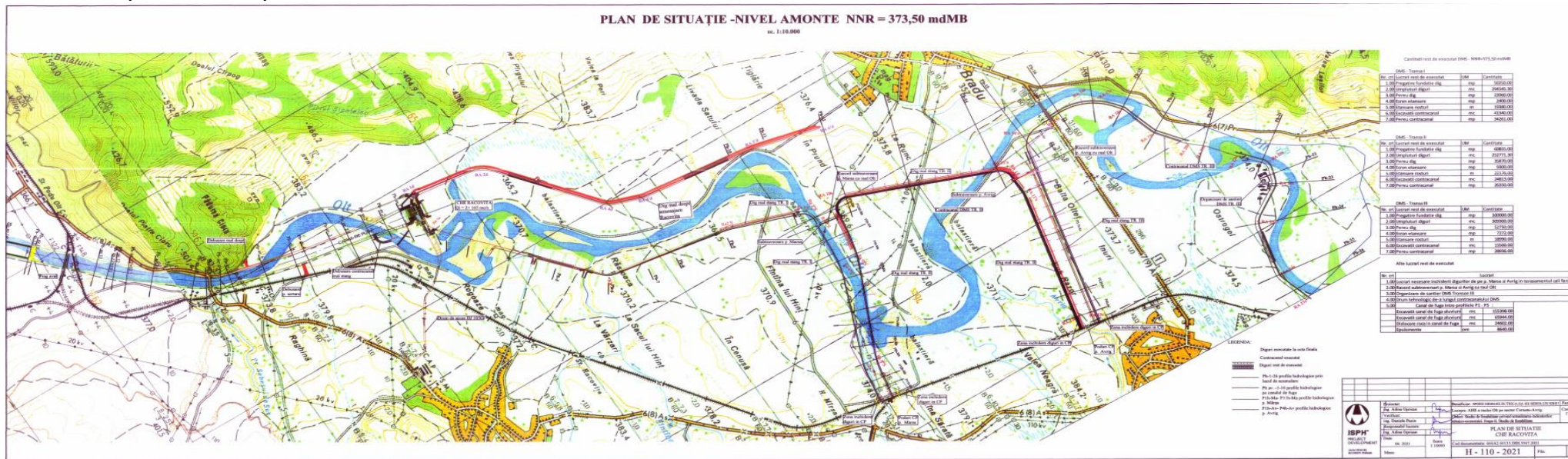
2. POINTS OF CONTACT	
(i) Point of contact for the possible affected Part or Parties:	
Authority responsible for coordinating activities relating to the EIA (refer to decision I/3, appendix): Name, address, tel and fax numbers	Republic of Bulgaria: Ministry of Environment and Water Address: boulevard "Knyaginya Maria Luiza" 22, 1000 Sofia Centre, Sofia, Bulgaria Telephone: +359 88 889 7898, Web address: https://www.moew.government.bg/
List of affected parties to which notification is being sent	Republic of Bulgaria
(ii) Points of contact for the Party of origin	
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 Libertatii Blvd., Sector 5, Bucharest, Romania - 040129 Telephone: 004 021 408 9588 e-mail: registratura@mmediu.ro ; evaluate.impact@mmediu.ro
Decision making authority if different than authority responsible for coordination activities relating to the EIA Name, address, tel and fax numbers	-
3. INFORMATION ON THE EIA PROCESS IN THE COUNTRY WHERE THE PROPOSED ACTIVITY IS LOCATED	
(i) Information on the EIA process that will be applied to the proposed activity	
Time schedule:	Approx. 9 months
Opportunities for the affected party/parties to be involved in the EIA process	The affected party may participate in decision-making under the EIA procedure as follows: - Following the notification it 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; - If necessary, the authorities of the affected party will be consulted subsequently, according to the provisions of art. 5 of the Espoo Convention.
Opportunities for the affected party/parties to review and comment on the notification and the EIA documentation	Comments on the notification are expected, if the party 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 permit for this project

Process for approval of the proposed activity	The proposed activity will be approved by the construction permit after the environmental agreement (final EIA decision) is issued by the environmental competent authorities.
Additional information/comments	-
4. INFORMATION ON THE PUBLIC PARTICIPATION PROCESS IN THE COUNTRY OF ORIGIN	
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"> -has a minimum of 30 days for submitting comments/observations to the EIA documentation in the procedural stages; - within the public debate organized by request 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.
Expected start and duration of public consultation	In accordance with Romanian legislation, the public has a minimum of 30 days for submitting comments/observations to the EIA documentation in the procedural stages.
Additional information/comments	<p>Contact persons from Ministry of Environment, Waters and Forests - General Directorate for Impact Assessment, Pollution Control and Climate Change</p> <p>Anca APREUTESEI, Head of Impact Assessment Unit e-mail: anca.apreutesei@mmediu.ro</p> <p>Luminița ANDREI, Senior Advisor- Impact Assessment Unit e-mail: luminita.andrei@mmediu.ro</p> <p>tel.: 004 021 408 9588</p>
5. DEADLINE FOR RESPONSE	
Date	30 days after receiving the notification

Anexă – Harta privind activitatea propusă



Plan de Situație CHE Racovița



Plan de situație CHE Lotrioara

