

**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)	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 Jiu River on Livezeni-Bumbești sector"</i> .
Scale of proposed activity (e.g. size, production capacity, etc.)	Completion of the remaining works consists in the commissioning of 3 new generation capacities with a total installed capacity of 65.14 MW with an average design energy of 259 GWh/year.
Description of proposed activity (e.g. technology used):	<p>By design, there is proposed the execution of the following works:</p> <p>The proposed technology involves the transport of water from Livezeni Storage, through an underground headrace (Livezeni Dumitra), which continues with a penstock to Dumitra HPP. The water share is taken over through Dumitra Bumbești underground headrace gallery and through the penstock to Bumbești HPP. The flow is entirely returned to Jiu River, downstream of Bumbești HPP through the tailrace channel.</p> <p style="text-align: center;">➤ Dumitra head step</p> <p>Livezeni- Dumitra main headrace:</p> <ul style="list-style-type: none"> - Development of the platform at Murga Mică adit; <p>Dumitra HPP:</p> <ul style="list-style-type: none"> - Interior and exterior finishes at the HPP building; - Exterior developments, platforms, fencing, gutters. <p>Dumitra intervention building: work to be done entirely (GF+1 building with load-bearing masonry structure reinforced with concrete pillars and floors, with tile roof on wooden framing);</p> <p style="text-align: center;">➤ Bumbești head step</p> <p>Dumitra – Bumbești main headrace:</p> <ul style="list-style-type: none"> - Upstream Bratcu front injection on a length of approximately 600 m (underground work);

	<ul style="list-style-type: none"> - Concreting of Valea Rea adit intersection with the main headrace (underground work); - Concreting of Bratcu adit intersection with the main headrace (underground work); - Closing plug of Valea Rea adit (underground work); - Mounting and concreting the sealed gate of Bratcu adit (underground work). <p>Bumbești pressure knot:</p> <ul style="list-style-type: none"> - Concreting the superstructure and architecture of Bumbești valves chamber; - Concreting Bumbești penstock M3 masiff. <p>Bumbești HPP:</p> <ul style="list-style-type: none"> - Completion of masonry and closures; - Interior and exterior finishes; - Indoor and outdoor installation; - Exterior developments, fencing, gutters; - Concreting the connection between the stilling basin and Bumbești tailrace; - Earthworks and constructions in 110 kV substation. <p>Bratcu catchment:</p> <ul style="list-style-type: none"> - Fillings and protection of Bratcu catchment slopes; - Concreting of Bratcu catchment stilling basin; - Mounting the valve. <p>Jiu catchment::</p> <ul style="list-style-type: none"> - Completion and concreting the Jiu catchment infrastructure; - Concreting the Jiu catchment superstructure; - Mounting the Jiu catchment pipe. <p>Acces roads:</p> <ul style="list-style-type: none"> - Dumitra HPP acces road – superstructure; - Bumbești acces road – superstructure; - Jiu Catchment acces road. <p style="margin-left: 40px;">➤ Connection to nes of the 3 power plants (Livezeni MHPP/Dumitra HPP/Bumbești HPP)</p> <ul style="list-style-type: none"> - Connection to NES of Bumbești HPP - Connection to NES of Dumitra HPP - Connection to NES of Livezeni MHPP.
Description of purpose of proposed activity:	Ensuring the energy balance and increasing the share of electricity generation from renewable sources by completing the works related to the project and ensuring the permanent monitoring of the environmental impact of the hydropower development of Jiu River on Livezeni-Bumbești.
Rationale for proposed activity (e.g. socio-economic, physical geographic basis)	Supplementing the share of energy generated by renewable resources with 259 GWh/year.
Additional information/comments	-
(ii) Information on the spatial and temporal boundaries of the proposed activity	
	The works to complete the investment objective are located in the Jiu hydrographic basin, on the course of

<p>Location:</p>	<p>the Jiu river, and the secondary catchments are located on the course of the Dumitra streams, respectively the Bratcu stream.</p> <p>Livezeni dam and storage are located in Hunedoara County.. Livezeni storage lake has a length of about 1000 m upstream of the dam. The right nank is delimited by the NR 66 Târgu Jiu – Petroșani national road and the left bank by the Bumbăști – Livezeni railway. Livezeni dam is located at the entrance to the quai, next to km 116 + 300 of NR 66, about 1,10 km downstream of the confluence of East and West Jiu. Livezeni MHPP is located on the technological adjacent to the dam and water intake.</p> <p>Livezeni Dumitra headrace is an underground construction through which water is transited from Livezeni storage to Dumitra Pressure knot.</p> <p>Dumitra metal penstock is located on the slope between the valve chamber and the power plant distributor.</p> <p>Dumitra HPP is an underground/overground construction called hydropower plant, , located on the right bank of Jiu Riiver, at the confknuce with Dumitra creek.</p> <p>Dumitra intervention building is located on the platform of Dumitra power plant.</p> <p>Dumitra Bumbăști headrace is an underground construction through which water is transited from Dumitra HPP to Bumbăști Pressure knot.</p> <p>The secondary catchment are located on the course of Dumitra and Bratcu creeks.</p> <p>Jiu secondary catchment is located on Jiu River about 350 m upstream of the Dumitra power plant.</p> <p>Bumbăști HPP is the second power plant located upstream of Bumbăști, on the right bank of Jiu River, upstream of the confluence with Curpenului creek.</p>
<p>Description of the location (e.g. physical-geographic, socio-economic characteristics)</p>	<p>The investment objective is located ion the territory of two counties (Gorj and Hunedoara). Dumitra HPP anf Bumbăști HPP ate located in the area of <i>Jiu Gorge National Park and he site of community importance ROSCI0063</i>.</p> <p>In the vicinity of the development there are also the following protected natural areas:</p> <ul style="list-style-type: none"> • 0217ROSCI – Retezat site and • 0084 – Retezat Mountains site.

	The works of the project will be executed about 200 km from the border with Bulgaria. WE estimate that there will be no cross-border effects on the environment during the execution of the works and during operation.
Rationale for location of proposed activity (e.g. socio-economic, physical-geographic basis)	The hydropower developments is currently 87% completed and the works proposed in this notification are carried out mainly on the footprint of the works already carried out or in their premises.
Time-frame for proposed activity (e.g.: start and duration of construction and operation)	The estimated start date for the works is 2024. The duration necessary for the completion of the works is of minimum 3 years of which the duration of the works is 2 years. The service life is 30 years.
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, - Electricity.
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 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 22 Maria-Luisa Blvd. 1000 SOFIA Telephone: +359 88 889 7898 Fax: + 359 2 986 25 33 E-mails: edno_gishe@moew.government.bg g.alieva@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, Romania 12Libertății Blvd., Sector 5, Bucharest, Romania - 040129 Point of contact for Notification: Ms. Dorina MOCANU General Director General Directorate for Impact Assessment, Pollution Control and Climate Change Telephone: +40214089595 Fax: +40 21 316 04 21 E-mail: dorina.mocanu@mmediu.ro Ms. Anca Apreutesei Head of Unit Telephone: +4 021 408 9588 Fax: +40 21 316 04 21 E-mail: anca.apreutesei@mmediu.ro

	<p>Focal Point: Ms. Ana Stanciu Junior Advisor Telephone: +4 021 408 9588 Fax: +40 21 316 04 21 E-mail: anamaria.stanciu@mmediu.ro</p>
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	<p>The affected party may participate in decision-making under the EIA procedure as follows:</p> <ul style="list-style-type: none"> - 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	-
5. DEADLINE FOR RESPONSE	
Date	5th of September 2023

Anexă – Harta privind activitatea propusă

