MINISTRY
OF ENVIRONMENT
OF THE SLOVAK REPUBLIC

Environmental Assessment and Permitting Section
Environmental Impact Assessment Division
Námestie Ľudovíta Štúra 1, 812 35 Bratislava

Bratislava: 06. November 2026
Číslo: 13866/2026-11.1/mki
85183/2026
85233/2026-int.

SCOPE OF THE ASSESSMENT

prepared in accordance with § 23 of Act No. 24/2006 Coll. on Environmental Impact Assessment and on Amendments to Certain Acts, as amended (hereinafter referred to as the "Act"), for the assessment of the impacts of the proposed activity "**Plan for the Opening-up, Preparation and Open-pit Extraction of the Reserved Deposit of High-grade Limestone in the Včeláre Mining Area for the Period 2033–2057" ("Plán otvárky, prípravy a dobývania vyhradeného ložiska vysokopercentných vápencov povrchovým spôsobom v dobývacom priestore Včeláre pre obdobie 2033 – 2057**") (hereinafter referred to as the "proposed activity").

The applicant, **Carmeuse Slovakia, s.r.o., Rozvojová 2/B, 040 01 Košice, IČO 36 198 749**, represented by **ENVICONSULT spol. s. r. o., Obežná 7, 010 08 Žilina, IČO 31 604 528**, submitted information on the proposed activity to the Ministry of the Environment of the Slovak Republic, Environmental Assessment and Permitting Section, Environmental Impact Assessment Department (hereinafter referred to as the "MoE SR") on 2 July 2026, pursuant to § 22 of the Act. The proceedings concerning the assessment of the anticipated environmental impacts of the proposed activity commenced on the date on which the information on the proposed activity was submitted.

The subject of the proposed activity is the Plan for the opening-up, preparation and extraction of a reserved deposit of high-grade limestone by open-pit mining within the Včeláre mining area for the period 2033–2057. The proposed activity will build on the existing mining area. The plan for the opening-up, preparation and extraction covers preparatory work, the opening-up of additional sections of the high-grade limestone deposit within the mining area, as well as the management of pillars in which parts of the mineral reserves are retained over the long term.

The site of the existing quarry is situated in the cadastral area of the municipality of Dvorníky-Včeláre, in the district of Košice-okolie, in the immediate vicinity of the state border with Hungary, on plots KN-C Nos. 165/1, 165/2, 165/4, 165/6, 165/7, 165/8, 165/11, 165/12, 165/25, 165/26, 165/27, 165/28, 165/29, 165/31, 165/32, 165/34, 165/35, 165/36, 165/37, 165/38 mining – and the cadastral area of Včeláre, KN-C Nos. 989, 990, 991, 992, 993, 994, 995, 134/2, 134/3, 134/4, 134/5, 134/6, 134/7, 134/9, 134/10, 134/13, 134/15, 134/16, 134/17, 134/18, 134/19, 134/20, 135 in the cadastral district of Dvorníky.

According to Annex No. 8 to the Act, the proposed activity falls under Chapter 3: Mining and Processing of Minerals, item 5: Surface mining and processing of minerals, excluding items 1 to 4 and 6 to 8 of this Chapter, Part A, for a production capacity of 500,000 tonnes per year or more.

The MoE SR submitted the information on the proposed activity to the interested parties for the purpose of obtaining their opinions pursuant to § 23(1) of the Act. It also published the information in the central information system at the following address:

https://www.enviroportal.sk/eia/detail/plan-otvarky-pripravy-dobyvania-vyhradeneho-loziska-vysokopercentnych-

On 12 August 2026, pursuant to § 23(3) of the Act, an oral hearing was held at the premises of the MoE SR, Námestie Ľudovíta Štúra 1, 812 35 Bratislava, with representatives of the applicant and the preparers of the information on the proposed activity.

The oral hearing focused on information concerning the proposed activity, the opinions received, the requirements concerning the Scope of Assessment arising from those opinions, the proposed Scope of Assessment, and the next steps in the assessment of the anticipated environmental impacts of the proposed activity. During the discussion, specific requirements were clarified which will need to be addressed in greater detail in the Environmental Impact Assessment Report. The participants were also informed that Hungary, pursuant to the Convention on Environmental Impact Assessment in a Transboundary Context, adopted in Espoo (Finland) on 25 February 1991 (hereinafter referred to as the "Espoo Convention"), had requested active participation in the transboundary environmental impact assessment procedure. On 15 September 2026, Hungary submitted its opinion on the proposed activity to the MoE SR, requesting participation in the transboundary environmental impact assessment procedure. The relevant comments arising from the opinion received were taken into account in preparing the Scope of Assessment.

On the basis of the information submitted concerning the proposed activity, the opinions received in response to that information, and the oral hearing, the MoE SR hereby determines the following Scope of Assessment pursuant to § 23 of the Act:

1. ALTERNATIVES FOR FURTHER ASSESSMENT

For the purpose of further, more detailed assessment of the impacts of the proposed activity, a thorough assessment shall be carried out of the "**no-action**" alternative (i.e. the situation that would arise if the proposed activity were not implemented) and the **alternative presented in the information on the proposed activity**, or, where appropriate, a new alternative within the affected area, if the assessment of the proposed activity demonstrates the need for such an alternative, depending on the results of the assessment required pursuant to § 31(2) of the Act.

2. SCOPE OF ASSESSMENT OF THE DETERMINED ALTERNATIVES

2.1. General Terms and Conditions

2.1.1. The applicant shall ensure that an Environmental Impact Assessment Report is prepared. Taking into account the nature and scope of the proposed activity and its location, the Environmental Impact Assessment Report shall address all the

requirements set out in Annex No. 11 to the Act, including, where appropriate to the nature of the proposed activity, the information specified in Annex No. 15 to the Act.

2.1.2. The preparation of the Environmental Impact Assessment Report requires a university degree at the second level in a field of study corresponding to the field or area of activity specified in Decree of the Ministry of the Environment of the Slovak Republic No. 113/2006 Coll., laying down details of professional competence for the purposes of environmental impact assessment. The applicant may engage a natural person or a legal entity to prepare the Environmental Impact Assessment Report, provided that such person or entity holds a certificate of professional competence pursuant to § 61 of the Act in the field relevant to the assessment of the proposed activity or any amendment thereto.

2.1.3. Technical studies and expert opinions submitted as part of the Environmental Impact Assessment Report shall be prepared by professionally qualified persons in accordance with specific regulations, where such regulations require professional competence in the relevant field. Where the preparation of such technical studies and expert opinions is not regulated by specific legislation, but a specific regulation requires professional competence in the relevant field, their authors shall hold the required professional competence in the field to which the studies or opinions relate.

2.1.4. No time limit is set for the assessment of the proposed activity, nor are any specific requirements laid down regarding the duration of the assessment.

2.1.5. The applicant shall submit to the MoE SR a complete **copy of the Environmental Impact Assessment Report in hard copy (2 copies) and 1 copy in electronic form** (diagrams in *.pdf, *.jpg and *.kmz), as well **as one separate non-technical summary and one copy of the Environmental Impact Assessment Report together with a separate non-technical summary in the language of the affected Party** (on an electronic data carrier) (the MoE SR reserves the right to specify the final number of documents in accordance with the requirements arising from the provisions of the Act).

2.2. Specific requirements

The information on the proposed activity and the opinions received concerning the proposed activity highlighted the need to address the following aspects in greater detail in the Environmental Impact Assessment Report:

2.2.1. Prepare a hydrogeological assessment focusing on the evaluation of the impact of limestone extraction on groundwater.

2.2.2. Assess the impacts on air quality, including the cumulative effects in combination with existing industrial, mining and transport sources in the area, as well as the impacts on Natura 2000 sites and the species and habitats for which they have been designated, and the effects of noise, vibrations and blasting operations on the affected area and population.

2.2.3. As part of the Environmental Impact Assessment Report, propose measures to mitigate noise, dust and vibrations affecting the nearest settlements (e.g. Včeláre, Dvorníky and Tornanádaska).

2.2.4. Provide data on the quality and status of groundwater bodies, as well as data on the quality and status/potential of surface water bodies in the area under consideration.

2.2.5. Assess the impacts of limestone quarrying to date on water bodies, as well as the anticipated impacts of future limestone quarrying planned for the period 2033–2057.

2.2.6. Assess the potential impacts of limestone quarrying on transboundary waters, given that the Včeláre mining area is situated close to the state border with Hungary and within the Slovak Karst, where groundwater systems are often hydraulically interconnected over long distances.

2.2.7. As part of the Environmental Impact Assessment Report, propose specific, targeted, feasible and measurable mitigation measures for all identified adverse impacts (compliance with applicable legislation shall not be considered a mitigation measure).

2.2.8. Carry out a detailed assessment of the dispersion of air pollutants, covering emissions associated with all mining and processing activities, including emissions of PM10, PM2.5 and other particulate matter, as well as fugitive emissions arising from mining, blasting, loading and handling of material, crushing and screening, storage of material in stockpiles, and on-site transport. The assessment shall take into account local meteorological conditions, as well as the potential cumulative effects of other relevant sources of air pollution in the area concerned.

2.2.9. Carry out a detailed assessment of noise (acoustic study) generated by quarrying and associated activities, including drilling, blasting, loading and handling of material, crushing and screening, and on-site transport. The assessment shall take into account the individual phases and intensity of the planned quarrying operations, changes in the geometry of the quarry, adverse conditions for noise propagation, as well as the cumulative effects of other relevant noise sources in the area concerned. The noise assessment shall include assessment points in noise-sensitive areas and in the vicinity of residential buildings in Hungary, particularly in settlements close to the Hungarian-Slovak state border.

2.2.10. Assess the adverse transboundary impacts in terms of landscape and nature conservation.

2.2.11. Assess the potential transboundary impacts of ground vibrations, air pressure waves and impulse noise generated by blasting operations. The assessment shall include a quantitative evaluation of the impacts of blasting operations at the Hungarian-Slovak state border and in potentially affected areas of Hungary, particularly in the vicinity of the village of Tornanádaska.

2.2.12. Assess and analyse potential changes in the relevant microclimatic conditions.

2.2.13. Analyse the available data on the quantitative and qualitative characteristics of surface water and groundwater.

2.2.14. Develop a hydrogeological model of the area, supported by measurement results and duly calibrated against existing hydrogeological data. The modelling shall take into account normal operating conditions, dry and wet periods, extreme weather conditions and potential emergency situations.

2.2.15. Assess, to the extent relevant to the proposed activity, the potential impacts of the advance of extraction and the development of new mining faces on infiltration conditions and the groundwater flow regime.

2.2.16. Carry out a detailed assessment of the system for the collection, conveyance, treatment and discharge of mine water and rainwater, including an assessment of the capacity of the receiving water bodies and the potential impacts of water discharge on the Turňa (Torna) watercourse.

2.2.17. Assess the potential transboundary impacts on surface water and groundwater quality, including risks arising from the use of explosives and spills of fuels, lubricants and other pollutants, taking into account the potential for rapid transport of pollutants in karst environments.

2.2.18. In the Environmental Impact Assessment Report, assess and describe the risks of accidents and emergency situations, particularly those associated with heavy rainfall, water ingress into the mining area, failures of drainage and sedimentation systems, and the release of pollutants, including their potential transboundary consequences. Specify procedures to ensure that the relevant Hungarian authorities are notified without delay.

2.2.19. Assess the long-term and cumulative impacts of the planned mining activities on water management and hydrogeological conditions, taking into account existing and planned mining, industrial, transport and water management activities in the affected area.

2.2.20. Assess the impacts of the cessation of mining and subsequent reclamation on hydrogeological conditions, including the potential formation of a lake in the quarry pit, the long-term water balance, water quality and the groundwater regime.

2.2.21. Propose a long-term monitoring programme for surface water and groundwater during the preparation, operation, cessation of extraction and post-extraction phases, including monitoring of potential transboundary impacts on Hungarian territory.

2.2.22. Assess all requirements, comments and recommendations contained in the opinions received on the information concerning the proposed activity, and evaluate the extent to which the individual specific requirements set out in this Scope of Assessment have been met.

3. NOTICE

Pursuant to § 23(4) of the Act, the competent authority shall publish the Scope of Assessment in the central information system. The competent authority shall also serve the Scope of Assessment on the applicant, the sectoral authority, the permitting authority, the authority concerned and the municipality concerned within whose territory the proposed activity or any amendment thereto is to be carried out.

Pursuant to § 23(6) of the Act and in accordance with point 2.1.4 of this Scope of Assessment, the Scope of Assessment shall remain valid for three years from the date of its determination, unless the competent authority has specified otherwise in the Scope of Assessment. At the applicant’s request, the competent authority may extend the validity of the Scope of Assessment by two years, and may do so repeatedly. When extending the validity of the Scope of Assessment, the competent authority shall assess whether any significant changes have occurred in the conditions in the area concerned or whether any new circumstances relating to the proposed activity or any amendment thereto have arisen. If such changes or circumstances have occurred, the competent authority shall, as appropriate, amend or supplement the requirements set out in the Scope of Assessment, or refuse to extend its validity. The total period of validity of the Scope of Assessment shall not exceed seven years. In order to determine a new Scope of Assessment, the applicant shall submit information on the proposed activity or any amendment thereto in accordance with § 22 of the Act.

Pursuant to § 25(2) of the Act, documents served in the screening procedure and in the environmental impact assessment proceedings on the authority concerned, the sectoral

authority, the permitting authority, the municipality concerned and the applicant shall be served in accordance with a separate regulation. All acts of the competent authority relating to service on the public and the public concerned shall be carried out by publishing such acts in the central information system, with the date of publication being deemed to be the date of service.

The provisions of Part Four of the Act and the Espoo Convention shall apply mutatis mutandis to proceedings concerning the assessment of the anticipated transboundary environmental impacts of the proposed activity.

Yours sincerely,

Ing. Katarína Jankovičová
Director General of the Section

Distribution list (*electronic*)*:*

1. ENVICONSULT, spol. s. r. o., Obežná 7, 010 08 Žilina
2. Obec Dvorníky – Včeláre, Dvorníky č. 4, 044 02 Turňa nad Bodvou
3. Obvodný banský úrad Košice, Timonova 23, 040 01 Košice
4. Ministerstvo životného prostredia Slovenskej republiky, sekcia odpadov a geológie, TU
5. Ministerstvo hospodárstva Slovenskej republiky, Mlynské nivy 44/a, 827 15 Bratislava
6. Okresný úrad Košice-okolie, odbor starostlivosti o životné prostredie, Hroncova 13/10541, 041 70 Košice *(všetky zložky)*
7. Okresný úrad Košice-okolie, pozemkový a lesný odbor, Hroncova 13/10541, 041 70 Košice
8. Okresný úrad Košice-okolie, odbor krízového riadenia, Hroncova 13/10541, 041 70 Košice
9. Regionálny úrad verejného zdravotníctva so sídlom v Košiciach, Ipeľská 1597/1A, 040 11 Košice
10. Úrad Košického samosprávneho kraja, Nám. Maratónu mieru 1,042 66 Košice
11. Okresné riaditeľstvo hasičského a záchranného zboru Košice, Požiarnická č. 4, 040 01 Košice
12. Ministerstvo životného prostredia Slovenskej republiky, sekcia vôd, TU

Affected Party:

1. Ministerstvo životného prostredia Maďarska – Štátny sekretariát ochrany životného prostredia, Ajtósi Dürer sor 19–21, 1146 Budapešť, Maďarsko