

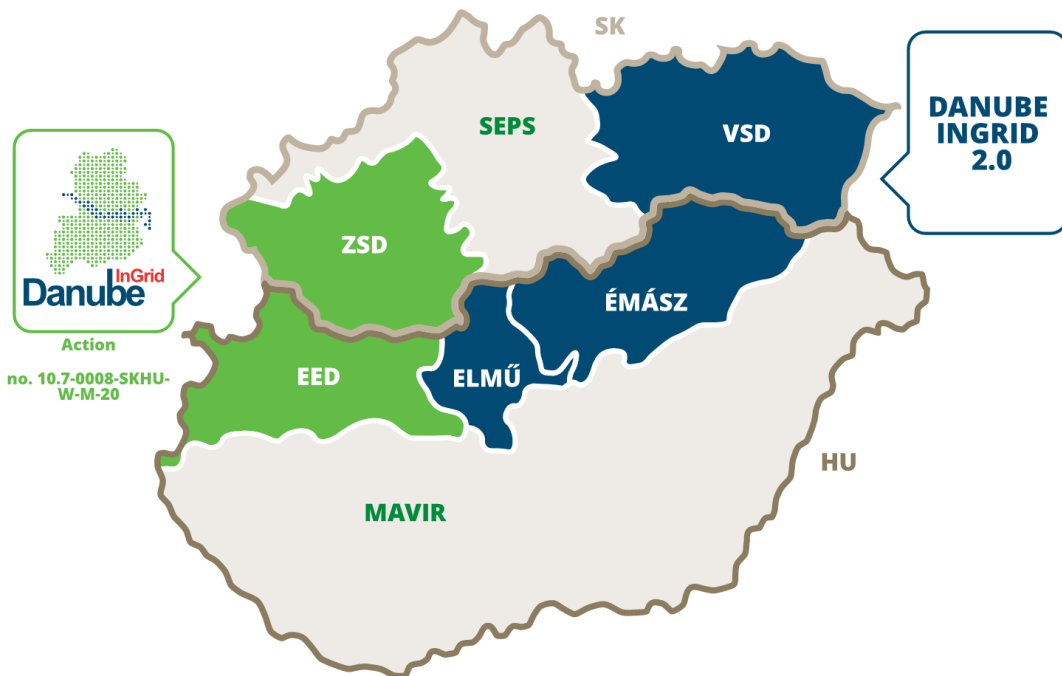


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(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20) and Action no. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

PUBLIC PARTICIPATION REPORT 2025



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PUBLIC PARTICIPATION REPORT

Project Name	Promoters	Meeting Date
Danube InGrid	Západoslovenská distribučná, a.s. (ZSD) Slovenská elektrizačná prenosová sústava, a.s. (SEPS) Východoslovenská distribučná, a.s. (VSD)	17 June 2025 Online
	E.ON Észak-dunántúli Áramhálózati Zrt. (EED) MVM Émász Áramhálózati Kft. ELMŰ Hálózati Kft.	09 July 2025 Online
Summary of Public Participation Activities		



Introduction

The purpose of this report is to summarize the activities related to the public participation in accordance with Art. 9 (4) of the Regulation (EU) No 869/2022 of the European Parliament and of the Council of 30 May 2022 on guidelines for trans-European energy infrastructure, amending Regulations (EC) No 715/2009, (EU) 2019/942 and (EU) 2019/943 and Directives 2009/73/EC and (EU) 2019/944, and repealing Regulation (EU) No 347/2013 (hereinafter referred to as “TEN-E Regulation”).

The PCI project Danube InGrid, that is part of the first Union list of projects of common interest and projects of mutual interest (hereinafter referred to as “PCI List”), in compliance with the revised TEN-E Regulation, and also the candidate PCI project, to be listed on the second PCI list, is the cross-border project of the Slovak Republic and Hungary. On the Slovak side, the project promoters are Slovak distribution system operators Západoslovenská distribučná, a.s. (hereinafter referred to as ZSD), Východoslovenská distribučná, a.s. (hereinafter referred to as VSD) and Slovak transmission system operator Slovenská elektrizačná prenosová sústava, a.s. (hereinafter referred to as SEPS). On the Hungarian side, project promoters include distribution system operators E.ON Észak-dunántúli Áramhálózati Zrt. (hereinafter referred to as EED), ELMŰ Hálózati Kft. (hereinafter referred to as ELMŰ), and MVM Émász Áramhálózati Kft. (hereinafter referred to as ÉMÁSZ).

Concept for public participation for the project Danube InGrid dated 17 June 2025 and 9 July 2025 was approved by the Competent Authority – Ministry of Economy of the Slovak Republic and Ministry of Energy of Hungary. The series of public consultations was carried out both in the field and online. In the Slovak Republic, the consultation process began on 23 May 2025 during a public safety awareness event held in Vajnory and continued with an online session on 17 June 2025. In accordance with the time frame set up in the TEN-E Regulation, Art. 9 (5), the public consultation in Hungary took place within the period of two months from the date stated above.

In accordance with the Annex VI (5) of the TEN-E Regulation, the information leaflet is available on the danubeingrid.eu.

A. Public Consultation in Slovak Republic

In line with Article 9(5) of the TEN-E Regulation, the public consultation process for the Danube InGrid Project in the Slovak Republic was formally launched with a field-based awareness event on 23 May 2025 in Bratislava–Vajnory, the future location of a new 400/110/22 kV substation. This event, organised in conjunction with the city-wide “Ulica na hranie” festival, served as a platform for initiating early stakeholder engagement, strengthening community outreach and raising awareness about safety on the road that serves both as a recreational route for locals and as an access point to the construction site.

The Safety Awareness Day attracted over 700 participants, including local students, teachers, parents, and residents, offering a full-day programme combining education, interactive demonstrations (demonstration of the Jurska cesta), and public dialogue. The primary focus was on construction site safety, energy education, and public understanding of planned traffic rerouting on Jurská cesta, directly impacted by the substation’s construction works.

The event included:

- Live demonstrations of construction safety measures and traffic reorganization
- Interactive zones for children to learn how electricity works and how to behave safely near active construction sites
- On-site consultations where project representatives responded to community questions in real time



- Distribution of public information materials in schools and local institutions

To support continued transparency and awareness, a video summary of the event has been made publicly available

Video in Slovak language: <https://www.youtube.com/watch?v=4VQILMoGa9A>

Video in English: <https://youtu.be/V9y8vqXz0b4>

The ongoing construction of the Vajnory substation is a key activity under the Danube InGrid Action no. 10.7-0008-SKHU-W-M-20. It is designed to strengthen the transmission and distribution grid, enhance regional reliability, and enable the integration of renewable energy sources and e-mobility infrastructure.

As part of the construction phase, temporary traffic arrangements were implemented on Jurská cesta to ensure safety:

- One lane designated for construction vehicles and heavy machinery
- One lane reserved for pedestrian and cyclist traffic
- Restricted access between Jurská and Rybníčná Streets, limited to construction-related transport and services

These measures are expected to remain in effect for the duration necessary to complete the construction. The project promoters express appreciation for the public's understanding and cooperation during this period.

The Slovak public consultation process continued with additional activities, including an online joint public consultation attended by representatives of ZSD, SEPS and VSD, held on 17 June 2025. The common organization of public consultation by all three Slovak promoters (ZSD, SEPS and VSD) and online platform has been chosen due to the associated wider outreach to the public within a single event.

The aim of the public consultation is to inform stakeholders about the project at an early stage as well as about the reached progress and planned next steps within the activities and inform them about the location and trajectory of the project activities that will be or currently are performed within the Slovak Republic.

The public consultation was realised using online platform, i.e. online stream on the web page of the PCI project Danube InGrid (<https://danubeingrid.eu/>).

Speakers: representatives of promoters' companies, representative of the Ministry of Economy of the Slovak Republic, representative of the European Commission in Slovak Republic and mayor of the municipality Vajnory.

A.1 The stakeholders affected by the PCI project Danube InGrid

The promoters placed emphasis on the creation of the list of stakeholders to be notified about the public consultation, including relevant regional and local authorities, citizens living in the vicinity of the project, the general public and associations, organisations or groups. In addition to institutional and community stakeholders, the promoters placed emphasis on engaging local educational institutions neighbouring key investment of this PCI to build awareness among young people. In collaboration with primary schools located near the project area, dedicated awareness-raising event was organised. This approach created a meaningful link between the PCI project/Action no. 10.7-0008-SKHU-W-M-20 and the younger generation, and helped to contextualise the project within the local environment and daily life. Such initiatives will continue to be promoted throughout the implementation of the Danube InGrid project.

Specifically, for the PCI project Danube InGrid the following municipalities and authorities were notified about the public consultation:



Ministry of environment of the Slovak republic, Ministry of Defence of the Slovak Republic, The Monuments Board of the Slovak Republic, Forests Slovakia, National Highway Company, Slovak Road Administration, Slovak Water Management Company, Authority for Spatial Planning and Construction of the Slovak Republic, Archeological Institute, Raptor Protection of Slovakia, Košice Self-governing region, Bratislava Self-governing region, National Park Poloniny, National Park Slovenský raj, National Park PIENAP (National Park Pieniny), National Park TANAP, National Park Slovenský kras, National Park NAPANT (Nízke Tatry), National Park Muránska Planina, State Nature protection Office, Regulatory Authority for electronic communications and postal services, municipality of the capital Bratislava, all the individual municipalities and local building authorities that are effected by the project activities (attachment No. 5).

The public was informed in advance of the public consultation and a range of methods were used to ensure that the event was publicised widely and engaged with as many individuals, governmental offices, organisations, organisation for environmental protection and stakeholders as possible. The list of stakeholders to be directly reached out has been developed based on the prior experience and areas impacted by the project implementation.

The following means of notification of the public consultation were used:

1. advertising via local newspapers;
2. web media releases;
3. social network posts on the promoter companies profiles (LinkedIn);
4. social network posts of the Danube InGrid page (LinkedIn);
5. regular updates and maintenance of the Danube InGrid website;
6. public municipal web pages;
7. information published on promoters web pages.

Means of notification (related to above mentioned points no. 1, 2 and 6) were performed also as a paid advertisement.

A.2 Summary of the public consultation

The main objective of the public consultation was to introduce the purpose, meaning of the project Danube InGrid and actual status and progress of its key activities, and engage the public from the early stages — including through awareness-raising event such as the Safety Day held in Vajnory, which combined energy education, safety demonstrations, and community interaction at the future substation site.

As part of the broader public outreach, the Slovak promoters organised a Safety Awareness Day on 23 May 2025 in Bratislava – Vajnory, the future site of the new 400/110/22 kV substation. This event marked the launch of the public consultation process in Slovakia and served as a platform for early stakeholder engagement at the community level. More than 700 students, teachers, and local residents participated in a day full of educational activities, demonstrations, and interactive presentations on safety near construction zones and the role of energy infrastructure in the green transition. The event, held under the theme “Ulica na hranie - Street for Play,” combined safety awareness with fun and learning, and helped raise visibility of the project among local youth and families. This initiative also addressed current traffic changes due to construction on Jurská cesta – a road used both for local recreation and as a key access route to the construction site – demonstrating the promoters’ commitment to transparency, dialogue, and public safety throughout the project's implementation.

The on-site public consultation event in Vajnory was followed by an online session, ensuring broader outreach and allowing stakeholders from across the region to participate and provide feedback. The online public consultation was divided into two sections. Within the first section



the representatives of the involved companies, Mrs. Magdaléna Brachová for SEPS and Mr. Miloš Nagy for ZSD and VSD introduced their companies, introduced the project Danube InGrid and explained the role of their company in the project. Mrs. Brachová highlighted the fact that Danube InGrid has the Significant and also Strategic investment status in Slovak Republic. The representatives also introduced the second Phase of Danube InGrid and highlighted the importance of the public participation in the permitting process. Within the first section also the representative of Ministry of Economy of the Slovak Republic (MoE), Mr. Martin Pitorák and representative of the European Commission in Slovak Republic, Mr. Radim Dvořák took the floor. Ministry of Economy of the Slovak Republic acts as a competent authority for integrating and coordinating all permit granting processes and as an author of the manual of procedures for the permit granting process applicable to projects of common interest in Slovak Republic. The representative of European Commission in Slovak Republic, Mr. Dvořák presented his positive opinion on the Danube InGrid, as an excellent example of PCI project, cross-border cooperation and also the cooperation with municipalities and other stakeholders. In addition, the Commission's representative highlighted the success of the Slovak transmission and distribution companies on the European level as Danube InGrid is already the second smart grid PCI project implemented in Slovakia.

The second section of the consultation was dedicated to introduction of the main objective of the project such as increase of the efficiency of the distribution and transmission grid, improvement of the integration of the Slovak and Hungary energy market, improvement of the cross-border data sharing platform, stability and security of the energy supply, know-how sharing and integration of the RES. Performers, of the second section - Mr. Rastislav Kanas for SEPS, Mr. Oto Frič for ZSD and VSD, clarified and explained reasons, why is very necessary to invest into the grid. Within the second section, representatives of the promoters Mr. Kanas and Mr. Frič introduced in details activities they are implementing. Special attention was given to the main investment within the Slovak promoters, construction of new substation in Vajnory. For this purpose, also Mr. Michal Vlček, the mayor of the Bratislava-Vajnory was invited to perform on the Public Consultation and to highlight the importance of new substation within this locality, cooperation with the representatives of companies as well as point out on the benefits for the citizens of the Bratislava region.

The purpose of the public consultation in general was to introduce Danube InGrid's main idea, benefits, territory, time schedule, financial volume, on the Slovak side of the project, and also its cross-border nature and cooperation with promoters involved also on the Hungarian side. Representatives revealed what has already been implemented, what is being implemented and what are the planned steps in the PCI. Interesting interviews has alternated with the videos, the intention of which was to raise public attention to the implementation of the activities.

More information is available in the presentation attached to this summary (attachment No. 1).

The full video record (link https://www.youtube.com/watch?v=6lF_aZbKSJE) of the public consultation is published on the web page of the [PCI project Danube Ingrid](#) (link <https://danubeingrid.eu/action/#events> and <https://danubeingrid.eu/action-12-3/#events>).

A.3 Results of activities related to the participation of the public

We received a total of 16 questions submitted through the online consultation via sli.do application. Answers to almost all of the questions were provided by the speakers during the event. The rest of the questions and answers are published on the Danube InGrid project web page.



More information is available on the web page of Danube InGrid: www.danubeingrid.eu.

Attachments:

- A.1 Presentation for the Online Public Consultation
- A.2 Invitations to online public consultation stakeholders
- A.3 Photos from the online public consultation
- A.4 Web media releases
- A.5 List of invited Slovak Stakeholders for the online public consultation
- A.6 List of questions and answers from the online public consultation
- A.7 Safety Awareness Day event in Vajnory – event photos, social media posts, webpage information
- A.8. Information published on promoters web pages

B. Public Consultation in Hungary

The aim of the Public Consultation is to inform stakeholders about the project and inform them about the location and trajectory of the project activities that will be performed in Hungary.

Date of Public Consultation was 09 July 2025 the Public Consultation was realised using online platform on the web page of the PCI project Danube InGrid (<https://danubeingrid.eu/consultation/>).

Speakers: besides the representatives of Hungarian promoter company (EED), Dr. Alföldy-Buruss, Márk the Deputy State Secretary for Energy Policy of the Ministry of Energy, Mr. Ságvári, Pál the Vice President for Strategic and International Affairs of the Hungarian Energy and Public Utility Authority (National Regulator Authority), the CEO of Várpalota Közszolgáltató Nonprofit Kft. and Leba, Imre Technical Director of MVM Émász Áramhálózati Kft. participated as speakers in the Public Consultation.

Specifically, for the PCI project Danube Ingrid the following municipalities were notified about the Public Consultation:

- List of Municipalities directly or indirectly affected by the Project, list of Mayors (B.1.)
- citizens directly or indirectly affected by the Project through the billboards of all affected Municipalities

B.1 Summary of the Hungarian Public Consultation

The main subject of the Public Consultation was to show the purpose of the Project and the specific activities within the Project. Within the Public Consultation the time schedule of upcoming activities were presented.

The Public Consultation was divided into 3 blocks.

Within the first section of the Public Consultation Lehoczki, Balázs the Chief Executive Officer of E.ON Észak-dunántúli Áramhálózati Zrt. spoke about the importance of supply security and the upcoming energy challenges. He underlined the key role of integrating renewable energy sources, the wider use of modern technologies and smart devices, and the need to meet increasing consumer demand in a flexible manner. He gave a detailed overview of the substation developments realized under the Danube InGrid project. He also stressed the importance of reducing carbon emissions, particularly highlighting the role of electric vehicles and solar energy systems.

Ságvári, Pál the Vice President for Strategic and International Affairs of the Hungarian Energy and Public Utility Authority (Regulator) explained the criteria for obtaining PCI (Project of Common Interest) status and gave an update on the expected publication of the seventh PCI list.



He underlined that PCI status is a prerequisite for accessing funds under the Connecting Europe Facility (CEF). He also mentioned that in the future, regulatory bodies will have to deal with new types of PCI projects. The Authority is committed to ensuring a predictable regulatory environment, transparency, and strong professional cooperation.

Csőre, Máté the Program Manager of the Danube InGrid project reported on the completed technical content of the Phase 1 of the Danube InGrid project. He highlighted the main objectives, benefits, results, and advantages of the investment.

Geczinger, Gábor, the Regional Head of E.ON Észak-dunántúli Áramhálózati Zrt. drew attention to one of today's greatest challenges, electrification, and its requirements. He introduced the remaining developments of Danube InGrid and emphasized the diversity and significance of the substation investment program and pointed out that more than half of the distribution line construction targets have already been completed. He added that distribution lines are essential to ensure the proper operation of substations and the overall security of electricity supply.

Alföldy-Boruss, Márk the Deputy State Secretary for Energy Policy at the Ministry of Energy emphasized the importance of aligning the project with national economic goals. He underlined the strategic role of internal grid development and called the initiative exemplary in both implementation and operation. He highlighted the increasing role of renewable energy sources and stressed the importance of digitalization in responding to current and future energy challenges.

Nátrán, Roland the CEO of Várpalota Közszolgáltató Nonprofit Kft. explained the necessity of constructing the Várpalota East substation. According to him, the cooperation between E.ON and the city of Várpalota has brought benefits from national economic, national security, and defense industry perspectives. He also highlighted the high level of expertise provided by E.ON's professionals, which helped to compensate for potential resource shortages, and emphasized the value of the cooperation network.

Within the second part Leba, Imre the Technical Director of MVM Émász Áramhálózati Kft. gave a comprehensive overview of the directions and opportunities of network development. He identified the integration of wind and solar energy into the grid as a strategic goal and spoke about the new challenges related to renewable-based energy generation, especially for DSOs. He emphasized the use of smart technologies and the importance of further improving supply security. He presented the investment plans of the Phase 2 of the Danube InGrid project and MVM's future development vision, focusing on flexibility and digitalization. He also noted that the growing demand for renewable connections, the spread of electrification, and the emergence of new market participants present serious international challenges, making cross-border cooperation particularly valuable.

Csank, András, the Head of Strategy of ELMŰ Hálózati Kft. introduced the technical content of the Phase 2 of the Danube InGrid project, with a special focus on the efficient use of the network. He emphasized the development of smart grids, which play a key role in ensuring the reliable and flexible operation of future energy systems.

In the third part, the Head of Strategy of ELMŰ Hálózati Kft, the Regional Head of E.ON Észak-dunántúli Áramhálózati Zrt. and the Program Manager answered questions from the public.

Video in Hungarian language: <https://www.youtube.com/watch?v=T9KSMrHiSWs>



Attachments:

- B.1 Invitations to Stakeholders
- B.2 Print screen of Danube InGrid website
- B.3 List of questions and answers
- B.4 Analytics of online Public Consultation
- B.5 Pictures from the Public Consultation
- B.6 Print screen of full video record
- B.7 Invitation



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LIST OF ATTACHMENTS OF SLOVAK PUBLIC CONSULTATION

Annex A.1 Presentation for the Online Public Consultation

VEREJNÁ KONZULTÁCIA

On-line podujatie, 17. 6. 2025

Danube InGrid

Verejná konzultácia k projektu Danube InGrid

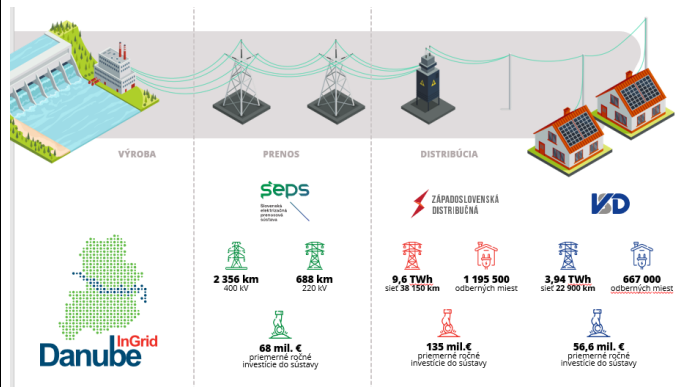
Spýtajte sa nás, čo Vás zaujíma. Vaše otázky píšete do rámčeka.

Realizátori: ZAPADOSLOVENSKÁ DISTRIBUČNÁ, SEPS, VD, e-on, HÁKOŠT, MVM, HÁKOŠT

Podporovateľ: MAVIR

Spolufinancovaný: Spolufinancovaný Európskou úniou

BLOK 1



PREDSTAVENIE SPOLOČNOSTI

Slovenská elektrizačná prenosová sústava

Prevádzkovateľ prenosovej sústavy, zabezpečuje prenos elektrickej energie na území Slovenska, garantuje bezpečnú a spoľahlivú prevádzku prenosovej sústavy a synchronne prepojenie elektrizačnej sústavy Slovenskej republiky s elektrizačnými sústavami štátov kontinentálnej Európy. SEPS je členom medzinárodného združenia ENTSO-E – Európskej siete prevádzkovateľov prenosových sústav pre elektrinu.

3 100 km elektrických vedení	7 300 stožiarov	618 zamestnancov	111,1 mil. € plánované ročné priemerné investície	22 elektrických staníc
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PREDSTAVENIE SPOLOČNOSTI

Jedna z troch regionálnych distribučných spoločností, ktoré pôsobia na Slovensku.

Spoločná a bezpečná distribúcia elektriny k zákazníkom.

96 ročná tradícia	3,9 TWh sieť 25 000 km	1 024 zamestnancov	74 mil. € ročné investície do obnovy a rozvoja distribučnej sústavy	676 000 odberných miest
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PREDSTAVENIE SPOLOČNOSTI



ZÁPADOSLOVENSKÁ DISTRIBUČNÁ

Najväčšia z troch regionálnych distribučných spoločností, ktoré pôsobia na Slovensku. Spolahlivá a bezpečná distribúcia elektriny k zákazníkom.



100
ročná tradícia



9,6 TWh
siet 38 150 km



1 517
zamestnancov

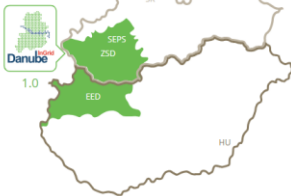


135 mil. €
ročné investície do obnovy
a rozvoja distribučnej sústavy



1 195 500
odberných miest

DANUBE INGRID – AKCIA 10.7-0008-SKHU-W-M-20



2020 - 2025

291 mil. €
(ZSD 37%, SEPS 15%)

35 %
spolufinancovanie EÚ

Investičné aktivity v distribučnej a prenosovej sústave zamerané na oblasti modernizácie a rozvoja a posilnenia prepojení medzi distribučnou a prenosovou sústavou s dôrazom na inštaláciu smart technológií, optických trás a implementáciu inovatívnych IT riešení pre tzv. Smart Grid.



PROJEKT SPOLOČNÉHO ZÁJMU



Nariadenie Rady (EÚ) a EP
č. 2022/869 TEN-E

Prioritný štát
Významná investícia
Strategická investícia

Nariadenie Rady (EÚ) a EP č. 2022/2577
na urýchlenie zavádzania energie z obnoviteľných zdrojov

Prevažujúci verejný
záujem

Prednostné
udelenie povolení

Projekty spoločného záujmu sú kľúčovými projektami cezhraničnej infraštruktúry, ktoré prepájajú energetické systémy krajín EÚ. Prioritný štát na rýchle administratívne vybavenie.

Pripojenie OZE do sústavy a samotná súvisiaca sústava sa považujú za také, ktoré sú v prevažujúcom verejnom záujme a slúžia verejnému zdraviu a bezpečnosti.

Výstavba a prevádzka zariadení na výrobu energie z obnoviteľných zdrojov a rozvoj súvisiacej sieťovej infraštruktúry sa majú v procese plánovania a udeľovania povolení uprednostniť.



BLOK 2

DANUBE INGRID – DRUHÁ VLNA 2.0

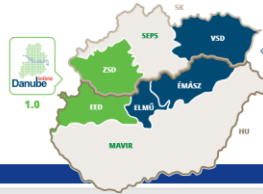


Rozšírenie Danube InGrid o ďalších partnerov a aktivít

- Zapojenie VSD (Slovenská republika)
- Rozšírenie aktivít SEPS (Slovenská republika)
- Zapojenie ďalších dvoch distribučných spoločností (Maďarsko)



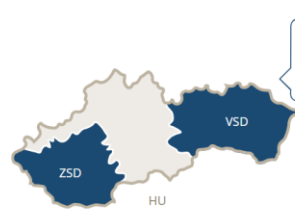
2022 - 2029



OKRUHY INVESTIČNÝCH AKTIVÍT

1. Riadenie prenosovej a distribučnej sústavy
2. Inteligentné sústavy: stanice, vedenia a batérie úložiská
3. Optická komunikačná infraštruktúra
4. Inteligentné inštalácie a zariadenia VN
5. Inteligentné IT systémy- digitalizácia procesov sústavy, kybernetická bezpečnosť, digitálna platforma

12.3-SK-W-M-24-DANUBE INGRID 2NDPHASE



DANUBE
INGRID
2nd Phase



2024 - 2028

65,8 mil. €
(VSD, ZSD)

50 %
spolufinancovanie EÚ

Investičné aktivity do modernizácie distribučných sústav Západodoslovenskej distribučnej, a.s. a Východoslovenskej distribučnej, a.s. prirodzene nadväzujúce na prvú fázu Danube InGrid. Aktivity zahŕňajú posilňovanie a rozširovanie sústavy, vyšší transformačný výkon, rozširovanie smart inštalácií na východ SR, optickú komunikáciu a IT riešenia. Súčasťou je aj pilotná realizácia ochranných opatrení proti dronovým útokom.

ÚČASŤ VEREJNOSTI



- Koncepcia účasti verejnosti sa riadi ustanoveniami nariadenia EP a Rady (EÚ) o usmerneniach pre transeurópsku energetickú infraštruktúru
- Zvýšenie účasti a informovanosti verejnosti v jednotlivých procesoch implementácie projektu
- Verejný prerokovanie je nad rámec verejnej konzultácie vykonanej v rámci procesu EIA
- Verejným prerokovaním nie je dotknuté právo účastníkov uplatniť svoje pripomienky a námietky v konaní v zmysle zákona č. 25/2025 (Stavebný zákon)



CIELE PROJEKTU



Prehĺbenie cezhraničnej spolupráce
medzi prevádzkovateľmi distribučných a prenosových sústav

- Zvýšenie efektívnosti distribučnej a prenosovej sústavy
- Posilnenie integrácie slovenského a maďarského trhu s elektrinou
- Stabilita a bezpečnosť dodávky zvyšovanie spoľahlivosti sústavy
- Zlepšenie cezhraničnej výmeny dát medzi distribučnými sústavami prostredníctvom data-sharing platformy (meteo údaje)
- Zdieľanie vedomostí a najlepšej praxe prostredníctvom prezentácií a workshopov v rámci EÚ
- Integrácia obnoviteľných zdrojov elektriny pri súčasnom zabezpečení vysokej kvality a bezpečnosti dodávok, znížovanie emisií a environmentálnych dopadov



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(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

PREČO POTREBUJEME INVESTOVAŤ DO SÚSTAVY?



Modernizácia a obnova sústavy
(Smart Grid koncept, IT riešenia)



Decentralizácia



Dekarbonizácia



Rozširovanie Bratislavy
pripájanie nových zákazníkov
a navyšovanie kapacity



Pripájanie nových
zákazníkov



Rozvoj
e-mobility



Rozvoj
obnoviteľných
zdrojov



Digitalizácia/
inteligentné siete



Bezpečnosť
dodávok elektriny
a ochrana infraštruktúry

NOVÁ ELEKTRICKÁ STANICA MIEROVO (UKONČENÁ REALIZÁCIA)



Časozberné video z výstavby
EST Mierovo



NOVÁ ELEKTRICKÁ STANICA VAJNORY (ZAČIATOK VÝSTAVBY)



Ilustračné video z poklepkania
základného kameňa



ZSD AKTIVITY



ZÁPADOSLOVENSKÁ DISTRIBUČNÁ



DANUBE INGRID 10.7-0008-SKHU-W-M-20
12.3-SK-W-M-24-DanubeInGrid2ndPhase

Modernizácia technológie
v 150 transformačných staniách

Výstavba nových elektrických staníc
110 / 22 kV Vajnory a Mierovo

Budovanie optickej siete na el.
vedeniach
v dĺžke 320 km

Implementácia inteligentných IT riešení
vrátane systémov kybernetickej
bezpečnosti

Budovanie 2 x 110kV kábelového vedenia z
EST Zabi Majer do EST Vajnory

Antidronový systém a rozširovanie
meteo platformy pre zdieľanie dát



NOVÁ ELEKTRICKÁ STANICA VAJNORY (VO VÝSTAVBE)



Lokalita budúcej elektrickej stanice

- Elektrická stanica Vajnory bude dôležitým bodom prepojenia medzi prenosovou a distribučnou sústavou.
- Vytvorí podmienky pre zvýšenie flexibility a pri riešení prevádzkových stavov v regióne hlavného mesta SR Bratislavy.
- ES Vajnory bude modernou, diaľkovo ovládanou stanicou bez potreby prítomnosti trvalej obsluhy.



Začiatok výstavby ES 110 / 22 kV: Západoslovenská distribučná, a. s. : 2024

Začiatok výstavby ES 400 / 110 kV: Slovenská elektrizačná prenosová sústava, a. s. : 2025



SPOLUPRÁCA



Vplyvy na úspešnú realizáciu projektu

- Konania na stavebných úradoch
- Spolupráca so samosprávou
- Príprava a naplánovanie jednotlivých aktivít medzi realizátormi
- Plynulé verejné obstarávanie





Co-funded by
the European Union



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

PRÍBEH JEDNEJ CESTY

STAVENISKO



SEPS AKTIVITY

SEPS



- Výstavba novej elektrickej stanice s transformáciou 400 / 110 kV vo Vajnoroch
- Začistenie 400 kV vedení do Est Vajnory s transformáciou 400 / 110 kV vo Vajnoroch
- Modernizácia a rozšírenie Est Stupava a Podunajské Biskupice

DANUBE INGRID 10.7-0008-SKHU-W-M-20

SEPS AKTIVITY V DETAILE

NOVÁ EST VAJNORY 400 / 110 kV



- PLÁNOVANÁ REALIZÁCIA NOVEJ ELEKTRICKEJ STENICE 400 / 110 kV VAJNORY
- Vybudovanie bezobslužnej, diaľkovo ovládateľnej elektrickej stanice
 - Začistenie 400 kV vedení do Est Vajnory
 - Zvýšenie transformačnej kapacity medzi prenosovou a distribučnou sústavou, zvýšenie bezpečnosti a spoľahlivosti prevádzky

Plánovaný začiatok výstavby: 2025

PRÍBEH JEDNEJ CESTY



Dopravno-bezpečnostné opatrenia počas výstavby elektrickej stanice

SEPS AKTIVITY V DETAILE

MODERNIZÁCIA EST PODUNAJSKÉ BISKUPICE A STUPAVA



Modernizácia - Inštalácia transformátorov za účelom zvýšenia transformačnej kapacity medzi prenosovou a distribučnou sústavou



Začiatok výstavby: 2023



Dovoz nového transformátora T 402 do Est P. Biskupice.



Inštalácia nového transformátora T402 v Est P. Biskupice

DOVOZ NOVÉHO TRANSFORMÁTORA



T 402 do Est P. Biskupice.

SEPS AKTIVITY V DETAILE

ROZŠÍRENIE EST PODUNAJSKÉ BISKUPICE A STUPAVA



Rozšírenie - vybudovanie nových pŕí v existujúcich Est Stupava a P. Biskupice pre účely pripojenia novej Est Vajnory do PS



Začiatok výstavby: 2024



Realizácia rozšírenia v Est Podunajské Biskupice



Realizácia rozšírenia v Est Stupava

SEPS - INVESTÍCIE ZAHRNUTÉ V PCI DANUBE INGRID 2.0



- Riadenie tokov jalového výkonu v rozhraní PPS/PDS - Est Spišská Nová Ves a Est Völs - vybudovanie kompenzačných tlmičiek s výkonom 3x15 MVar, 33 kV v rozvodni 400 kV
- Inovácia riadiaceho informačného systému a modernizácia sekundárnej techniky v 4 elektrických staniách
- Vybudovanie digitálnej rozvodne a inštalácia výkonového prístrojového transformátora napätia



Plánovaný začiatok výstavby: 2026



Investície vo výške 15,5 mil EUR, hradené z vlastných zdrojov



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(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

VSD AKTIVITY



12.3-SK-W-M-24-DanubeInGrid2ndPhase

- Výstavba novej elektrickej stanice 110 / 22 kV Lučivná. Nové výkonové transformátory v šiestich elektrických staniách 110/22kV
- 22kV elektrické vedenia s optikou v rozsahu cca. 100 km
- Výstavba Inteligentné inštalácie a zariadenia vysokého napätia - 60 ks inteligentných trafostaníc 22/0,4kV
- Bezpečnosť a ochrana:**
 - Antidronový systém
 - Rozšírenie siete meteostaníc a platformy pre zdieľanie meteorológ



VSD AKTIVITY V DETAILE

VÝSTAVBA NOVEJ ELEKTRICKEJ STANICE LUČIVNÁ 110/22 KV



- Pôvodná spínacia VN stanica Lopusná dolina v blízkosti chráneného územia Baba (IV. stupeň) bude zrušená
- Nová ES 110/22 kV Lučivná bude plne automatizovaná ES pre zvýšenie spoľahlivosti distribučnej sústavy a pre zabezpečenie rozvoja obnoviteľných zdrojov a e-mobility, rozvoj a unifikácia napätových hladín Vysokých Tauer.
- Inštalovaný výkon transformátorov 40 MVA, a 2x 5 MVA
- Prvá rozvodňa na Východnom Slovensku, ktorá bude spĺňať nové ekologické štandardy bez skleníkového SF6 plynov



2026 - 2028



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

VSD AKTIVITY V DETAILE

AUTOMATIZÁCIA DISTRIBUČNÝCH TRAFOSTANÍC

Smartifikácia a automatizácia distribučných trafostaníc

- Rozvoj technológií inteligentných sústav (smart grid) v podzemnej káblovej sústave VN (22 kV) nadväzuje na už implementovanú automatizáciu nadzemných vedení
- Cieľom je dosiahnuť inteligentnej VN (22 kV) sústav na celom distribučnom území
- Modernizáciou 60 VN/ NN distribučných staníc na diaľkovo ovládané trafostanice získame automatizovaný systém na získavanie cenných dát v čase reálnej prevádzky.
- Nahradenie murovanej trafostanice blokovou trafostanicou získame kompaktný skelet, ktorý výrazne znižuje súčasnú stavebnú rozlohu VN a NN technológie
- VSD splní nariadenie EÚ o flórových sklenkových plynov, ktorým sa mení smernica EÚ 2019 / 1937 a ruší nariadenie EÚ 517/2014 - zavádza sa použitie ekologických vákuových VN rozvádzačov

2024 - 2028

Spolufinancovaný
Európskou úniou

LIVE

Verejná konzultácia k projektu Danube InGrid

Spýtajte sa nás, čo Vás zaujíma. Vaše otázky píšete do rámčeka.

Realizátori: ZÁPADOSLOVENSKÁ DISTRIBUČNÁ, šeps, VD, e-on, Hálózati MVM, Hálózati

Podporovateli: MAVIR

Spolufinancovaný Európskou úniou

INFORMÁCIE ONLINE

WWW.DANUBEINGRID.EU

Annex A.2 Invitation to Online Public Consultation Stakeholders



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(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)



Verejná konzultácia k projektu Danube InGrid

Danube InGrid POZVÁNKA

Vážení zástupcovia miest a obcí, stavebných úradov,

radi by sme Vás pozvali na **verejnú online konzultáciu** k projektu spoločného záujmu **Danube InGrid**, vďaka ktorému v Slovenskej republike a Maďarsku vzniká jedna z najmodernejších elektrizačných sústav v Európe.

Cieľom Danube InGrid je vybudovať inteligentnú sústavu, ktorá umožní lepšiu integráciu obnoviteľných zdrojov energie a zároveň zabezpečí spoľahlivé a bezpečné dodávky elektriny.

V rámci verejnej online konzultácie budú o konkrétnych výsledkoch a ďalších plánoch projektu **Danube InGrid** a **Danube InGrid druhá fáza** diskutovať zástupcovia spoločností Slovenská elektrizačná prenosová sústava, a.s., Východoslovenská distribučná, a.s., a Západoslovenská distribučná, a.s., ako aj zástupcovia samosprávy, Ministerstva hospodárstva Slovenskej republiky a Zastúpenia Európskej komisie na Slovensku.

Verejná online konzultácia sa bude konať **17. júna 2025 o 10:30 hod.**

Pripojiť sa a klásť otázky môžete prostredníctvom aplikácie **sli.do** (#danube) alebo **naskenovania QR kódu** a tiež na webstránke projektu **www.danubeingrid.eu**



Účasť na podujatí je voľná a nepodlieha žiadnej registrácii.

Realizátori:



Podporovatelia:

Spolufinancovaný:

Za obsah tejto publikácie zodpovedajú výlučne spoločnosti Slovenská elektrizačná prenosová sústava, a.s., Západoslovenská distribučná, a.s. a Východoslovenská distribučná a.s., a nemusi nevyhnutne zohľadňovať názor Európskej únie.

Social media post



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the European Union



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Danube InGrid HU/SK Project

331 followers

2w • Edited •

...

Explore Danube InGrid

📌 Join the public online consultation in Slovakia of the Danube InGrid project, taking place on June 17, 2025 at 10:30 CET. Learn more about the results of Phase 1, future plans of Phase 2, and strategic investments in smart, digital energy infrastructure.

📄 Tune in via www.danubeingrid.eu or sli.do ([#danube](#))

📌 Pridajte sa k verejnej online konzultácii na Slovensku k projektu Danube InGrid, ktorá sa uskutoční 17. júna 2025 o 10:30 hod. Dozviete sa viac o výsledkoch 1. fázy, plánoch 2. fázy a strategických investíciách do inteligentnej a digitálnej infraštruktúry.

📄 Pripojte sa cez www.danubeingrid.eu alebo sli.do ([#danube](#))

SEPS - Slovenská elektrizačná prenosová sústava
Západoslovenská distribučná, a.s. - Skupina ZSE
E.ON Hungária Csoport
CINEA - European Climate, Infrastructure and Environment Executive Agency

[#DanubeInGrid](#) [#PublicConsultationDanubeInGrid](#) [#PCIs](#) [#CINEA](#) [#SmartGrids](#)
[#EnergyTransition](#) [#PublicEngagement](#) [#CEFenergy](#)
[#ZSD](#) [#SEPS](#) [#EED](#)

Verejná konzultácia
k projektu
Danube InGrid

POZVÁNKA

Vážení zástupcovia miest a obcí, stavebných úradov,

radi by sme Vás pozvali na **verejnú online konzultáciu** k projektu spoločného záujmu **Danube InGrid**, vďaka ktorému v Slovenskej republike a Maďarsku vzniká jedna z najmodernejších elektrizačných sústav v Európe.

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Verejná online konzultácia sa bude konať **17. júna 2025 o 10:30 hod.**
Pripojiť sa a kladať otázky môžete prostredníctvom aplikácie sli.do ([#danube](#)) alebo **naskenovaním QR kódu** a tiež na webstránke projektu www.danubeingrid.eu

Účasť na podujatí je voľná a nepodlieha žiadnej registrácii.

Realizátori:

Podporovatelia:

Spolufinancovaný:

Tento dokument je súčasťou verejnej konzultácie spoločného záujmu Danube InGrid. Zastupiteľská distribučná, a.s.



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(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Danube InGrid website

[Phase 1 - Danube Ingrid](#)

Events

17 June 2025
Public Consultation in Slovak language in compliance with the Regulation (EU) No. 2022/869 of the European Parliament and of the Council of 30 May 2022 on guidelines for trans-European energy infrastructure – [online event](#), [invitation](#)

9 July 2025
Public Consultation in Hungarian language in compliance with the Regulation (EU) No. 2022/869 of the European Parliament and of the Council of 30 May 2022 on guidelines for trans-European energy infrastructure. – [online event](#), [invitation](#)

28 June 2023
Public Consultation in Hungarian language in compliance with the Regulation (EU) No. 347/2013 of the European Parliament and of the Council of 17 April 2013 on guidelines for trans-European energy infrastructure – [online event](#), [invitation](#) and [report](#).

27 June 2023
Public Consultation in Slovak language in compliance with the Regulation (EU) No. 347/2013 of the European Parliament and of the Council of 17 April 2013 on guidelines for trans-European energy infrastructure – [online event](#), [invitation](#) and [report](#).

29 June 2022
Public Consultation in Slovak language in compliance

16 June 2022
Public Consultation in Hungarian language in compliance with the Regulation (EU) No. 347/2013 of the European Parliament and of the Council of 17 April 2013 on guidelines for trans-European energy infrastructure – [online event](#), [invitation](#) and [report](#).

5 May 2021
Public Consultation in compliance with the Regulation (EU) No. 347/2013 of the European Parliament and of the Council of 17 April 2013 on guidelines for trans-European energy infrastructure – [online event](#), [invitation](#) and [report](#).

22 June 2021
Public Consultation in compliance with the Regulation

[Phase 2 - Danube Ingrid](#)

News

May 2025 **Grant Agreement signed** for EU co-financing.

Events

17 June 2025
Public Consultation in Slovak language in compliance with the Regulation (EU) No. 2022/869 of the European Parliament and of the Council of 30 May 2022 on guidelines for trans-European energy infrastructure – [online event](#) [invitation](#)

16 July 2025
Public Consultation in Hungarian language in compliance with the Regulation (EU) No. 2022/869 of

PCI Days 2025: Participation in the annual EU PCI Day to present cross-border energy infrastructure initiatives.

Annex A.3 Photos from the Online Public Consultation

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)



Photo No. 1 – Speakers from the first section (from left): Mrs. Monika Božíková, Program manager for fundings and innovations (ZSD/VSD), Mrs. Magdaléna Brachová, Head of International Contracts and Finance (SEPS), Mr. Miloš Nagy, Head of Technical Development Section (ZSD/VSD,) Mr. Martin Pitorák, Ministry of Economy of the Slovak Republic, Mr. Radim Dvořák, representative of the European Commission in Slovak Republic



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the European Union



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)



Photo No. 2, Speakers from the second section (from left) – Mr. Rastislav Kanas, Head of Substation Investments Section (SEPS,) Mr. Oto Frič, Head of Funding and Innovation Programs team (ZSD/VSD), Mr. Michal Vlček, Mayor of the Bratislava-Vajnory municipality



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Annex A.4 Web Media Releases

N	Date	Media	Title	URL
1	4.6.2025	sita.sk	SEPS posilňuje sieť v okolí Bratislavy, od ministerstva získala status strategickej investície	https://sita.sk/venergetike/seps-posilnuje-siet-v-okoli-bratislavy-od-ministerstva-ziskala-status-strategickej-investicie/
2	4.6.2025	bratislava.sme.sk	Firma SEPS posilňuje sieť v okolí Bratislavy, od ministerstva získala status strategickej investície	https://bratislava.sme.sk/c/23500657/firma-seps-posilnuje-siet-v-okoli-bratislavy-od-ministerstva-ziskala-status-strategickej-investicie.html
3	4.6.2025	e.dennikn.sk	Výstavba novej elektrickej stanice vo Vajnorochoch je strategickou investíciou, rozhodol...	https://e.dennikn.sk/minuta/4675844
4	4.6.2025	teraz.sk	SEPS: Nová elektrická stanica vo Vajnorochoch je strategickou investíciou	https://www.teraz.sk/ekonomika/sepsvystavba-novej-eletrickej-stanice/883354-clanok.html
5	4.6.2025	hn24.hnonline.sk	Výstavba novej elektrickej stanice vo Vajnorochoch je strategickou investíciou	https://hn24.hnonline.sk/hn24/96215990-vystavba-novej-eletrickej-stanice-vo-vajnorochoch-je-strategickou-investiciou
6	4.6.2025	TASR	SEPS: Výstavba novej elektrickej stanice vo Vajnorochoch je strategickou investíciou	-
7	4.6.2025	engineering.sk	SEPS: Výstavba novej elektrickej stanice vo Vajnorochoch je strategickou investíciou	https://www.engineering.sk/aktuality/77511-sepsvstavba-novej-eletrickej-stanice-vo-vajnorochoch-je-strategickou-investiciou-2025-06-04
8	9.6.2025	MY Trnavské noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
9	9.6.2025	MY Týždeň na Pohroní	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
10	9.6.2025	MY Topoľčianske noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
11	9.6.2025	MY Naše novosti	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
12	9.6.2025	MY Týždenník pre Záhorie	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
13	9.6.2025	MY Nitrianske noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
14	10.6.2025	MY Kysucké noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
15	10.6.2025	MY Žilinské noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
16	10.6.2025	MY Liptovské noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
17	10.6.2025	MY Zvolensko-podpolianske noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
18	10.6.2025	MY Hornonitrianske noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
19	10.6.2025	MY Trenčianske noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
20	10.6.2025	MY Banskobystrické noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
21	10.6.2025	MY Horehronie	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
22	10.6.2025	MY Novohradské noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
23	10.6.2025	MY Oravské noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
24	10.6.2025	MY Noviny stredného Považia	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

25	11.6.2025	engineering.sk	OTS: Danube InGrid posilňuje stabilitu a digitalizáciu siete	https://www.engineering.sk/aktuality/78201-ots-danube-ingrid-posilnuje-stabilitu-a-digitalizaciu-siete-2025-06-11
26	11.6.2025	tasr.sk	OTS: Danube InGrid posilňuje stabilitu a digitalizáciu siete	https://www.tasr.sk/tasr-clanok/TASR:2025061100000100
27	11.6.2025	tasr.sk	OTS: Danube InGrid posilňuje stabilitu a digitalizáciu siete	https://www.tasr.sk/ots/ots-danube-ingrid-posilnuje-stabilitu/38776-clanok.html
28	11.6.2025	teraz.sk	Danube InGrid posilňuje stabilitu a digitalizáciu siete	https://www.teraz.sk/ekonomika/danube-ingrid-posilnuje-stabilitu-a-dig/884371-clanok.html
29	11.6.2025	obce.tasr.sk	Danube InGrid posilňuje stabilitu a digitalizáciu siete	https://obce.tasr.sk/clanok/11271/danube-ingrid-posilnuje-stabilitu-a-digitalizaciu-siete
30	11.6.2025	MY Turčianske noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
31	12.6.2025	vasarnap.com	A Danube InGrid erősíti a hálózat stabilitását és digitalizációját	https://vasarnap.com/reklam/a-danube-ingrid-erositi-a-halozat-stabilitasat-es-digitalizaciojat
32	12.6.2025	uj szo	A Danube InGrid erősíti a hálózat stabilitását és digitalizációját	https://uj szo.com/reklam/a-danube-ingrid-erositi-a-halozat-stabilitasat-es-digitalizaciojat
33	12.6.2025	vajnory.sk	Verejná online konzultácia k projektu Danube InGrid	https://www.vajnory.sk/news/verejna-online-konzultacia-k-projektu-danube-ingrid
34	12.6.2025	sme.sk	Danube InGrid posilňuje stabilitu a digitalizáciu siete	https://regiony.sme.sk/c/23501533/danube-ingrid-posilnuje-stabilitu-a-digitalizaciu-siete.html
35	12.6.2025	Új szó	A Danube InGrid erősíti a hálózat stabilitását és digitalizációját	Print
36	12.6.2025	MY Prešovské noviny	Danube InGrid posilňuje stabilitu a digitalizáciu siete	Print
37	12.6.2025	energie-portal.sk	Monitoring energetiky 10. - 12. 6. 2025	https://www.energie-portal.sk/Dokument/monitoring-energetiky-10--12-6-2025-111690.aspx
38	12.6.2025	vajnory.sk	Verejná online konzultácia k projektu Danube InGrid	https://www.vajnory.sk/news/verejna-online-konzultacia-k-projektu-danube-ingrid
39	13.6.2025	webmagazin.sk	Danube InGrid posilňuje stabilitu a digitalizáciu siete	https://webmagazin.teraz.sk/zivot/danube-ingrid-posilnuje-stabilitu-a-dig/18537-clanok.html
40	13.6.2025	kosicednes.sk	Danube InGrid posilňuje stabilitu a digitalizáciu siete	https://kosicednes.sk/sponzorovany-obsah/danube-ingrid-posilnuje-stabilitu-a-digitalizaciu-siete/



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Šport Počasie Publicistika Slovensko Zahranicie Ekonomia Re 28°C

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Štvrtok 19. jún 2025 Meniny má Alfréd

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Danube InGrid posilňuje stabilitu a digitalizáciu siete

Zdieľaj na Facebooku



Na Slovensku pokračujeme v budovaní jednej z najmodernejších elektrizačných sústav v Európe.

Autor OTS

11. júna 2025 9:44



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Danube InGrid posilňuje stabilitu a digitalizáciu siete - SME | MY regióny

SME Správy Služby Noviny na webe Last Minute Dovolenka Viac

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Komplexné štúdium MBA za 2.040 € bez DPH. Cena je platná do...

MY Regióny

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SME.SK 15°C SME MINÚTA DOMOV REGIÓNY INDEX SVET ŠPORT KOMENTÁRE KULTÚRA VIDEO AUTO TECH ŽENA ZDRAVIE BLOG MENU Q

Šťastné bývanie | Spravodajstvo | Šport | Právna poradňa | Zdravie | Ikonické stavby | Tipy na výlety | Hrady a zámky | Príbeh značky | MY v EÚ | Dodávatelia z regiónov

Zobrazuje sa pracovná náhľadová verzia!

12. jún 2025 o 0:00

Danube InGrid posilňuje stabilitu a digitalizáciu siete

Na Slovensku pokračujeme v budovaní jednej z najmodernejších elektrizačných sústav v Európe.

Inzercia



NAJČITANEJŠIE NA MY REGIÓNY

4 hodiny 24 hodín 3 dni 7 dní

- Deväť medvedov v blízkom okolí obce ich prinútilo konať. Spojili sily a vymysleli to inak 22 098
- Lekárska pohotovosť v Prievidzi sa sťahuje do rodinného domu. Dostať sa tam nebude jednoduché 17 959
- Jedného medveda zastrelili, druhého hľadajú. Poľovníci trochu združení na Ponitri majú pohotovosť 11 640
- Desiatky naložených kamiónov denne blokujú chodník, automobilka označila situáciu za mimoriadnu FOTO 9 400
- Pôjdeš ako Fico, frajer bude lepšie mieriť, vyhrazil sa Belousovej. Polícia našla autora nenávisťných správ 7 853
- Nová neurologická ambulancia v Krásne nad Kysucou skvalitnila zdravotnú starostlivosť o pacientov v celom regióne 6 484
- Takmer 50 obcí a 54-tisíc evakovali, mesto sa ocitlo na ostrove. Ľudskej tragédií zabránil geniálny nápad FOTO 4 293
- Predaj na základe dôvery? V Papradne hovoria, je to možné, ponúkajú vajčka, polievku aj pukance FOTO 4 129



A Danube InGrid erősíti a hálózat stabilitását és digitalizációját



projektet, amelyek összértéke 357 millió euró. A projekt két fázisra oszlik, és az EU közös érdekű projekteinek (PCI) státuszát is megkapta. A megvalósítók támogatást nyertek az Európai Összekapcsolási Eszköz (CEF – Connecting Europe Facility) keretéből is. Az EU társfinanszírozása az első fázisban 35%, a másodikban 50%.

A projekt első fázisát Délnyugat-Szlovákiában és a magyar határ mentén valósítják meg, a résztvevő vállalatok összköltsége eléri a 291 millió eurót. Az eddig megvalósított legjelentősebb létesítmények közé tartozik az új, Béke községben épült elektromos állomás, amely megnöveli a megújuló energiatermelők hálózatára csatlakoztatásának kapacitását, valamint rugalmasabb csatlakozást tesz lehetővé

az új fogyasztók számára Nyugat-Szlovákia gyorsan fejlődő régiójában. Emellett modernizálták a SEPS pozsonypüski állomását, ahol új transzformátort is telepítettek.

A Západoslovenská distribučná áramszolgáltató szempontjából a Danube InGrid projekt stratégiai eleme a Pozsonyszőlősben épülő új elektromos állomás is, amely 110/22 kV-os transzformációs állomásként fog működni, és

jelenleg is építés alatt áll. A jövőben összekapcsolják a ZSD Pozsonyszőlős 110/22 kV-os állomását a SEPS Pozsonyszőlős 400/110 kV-os állomásával, amely két darab 400 kV-os távvezeték is épít, Stomfa és Pozsonypüspöki állomásokhoz csatlakozva. Ez a két állomás jelentősen hozzájárul Pozsony északi részének jövőbeni energiaellátásához, és lehetővé teszi új fogyasztók csatlakozását, nemcsak az energiafogyasztás, hanem a megújuló forrásból származó áramtermelés területén is.

Stratégiai beruházások Nyugat- és Kelet-Szlovákiában

A Danube InGrid projekt második fázisát a Západoslovenská distribučná, a.s. és a Východoslovenská distribučná, a.s. áramszolgáltatók konzorciuma valósítja meg, ennek összértéke közel 66 millió euró, amelynek felét az Európai Unió finanszírozza. A nyugat-szlovákiai tervek része a Pozsonyszőlős és Zábí majer állomások összekötése egy 110 kilovoltos dupla földalatti vezetékkel.



Tovább folytatódik Európa egyik legmodernebb villamosenergia-rendszerének kiépítése Szlovákiában. A Západoslovenská distribučná, a.s., a Východoslovenská distribučná, a.s. áramszolgáltatók, és a Szlovák Villamosenergia-átviteli Hálózat (SEPS) a magyarországi E.ON Észak-dunántúli Áramhálózati Zrt-vel közösen valósítják meg a Danube InGrid elnevezésű nagyszabású nemzetközi



A nyilvánosság bővebb tájékoztatást kaphat a projektről a **2025. június 17-én, 10:30-kor kezdődő online konzultáción**, amely a www.danubeingrid.eu oldalon lesz elérhető.



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(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Facebook Instagram YouTube Spotify Dnes je 22.06.2025, ošetrojte Pánske
Přihlášení



Vajnory.sk
Destina v meste

POTREBUJEM VYBAVIŤ ÚRAD O VAJNOROCH KONTAKTY

Verejná online konzultácia k projektu Danube InGrid

Domov > Mestská časť

Od **Martin Maňu** 12.6.2025



Verejná konzultácia k projektu Danube InGrid

POZVÁNKA

Vážené dámy, vážení páni,

radi by sme Vás pozvali na **verejnú online konzultáciu** k projektu spoločného záujmu **Danube InGrid**, vďaka ktorému v Slovenskej republike a Maďarsku vzniká jedna z najmodernejších elektrizačných sústav v Európe.

Cieľom Danube InGrid je vybudovať inteligentnú sústavu, ktorá umožní lepšiu integráciu obnoviteľných zdrojov energie a zároveň zabezpečí spoľahlivé a bezpečné dodávky elektriny.

V rámci verejnej online konzultácie budú o konkrétnych výsledkoch a ďalších plánoch projektu **Danube InGrid** a **Danube InGrid druhá fáza** diskutovať zástupcovia spoločností Slovenská elektrizačná prenosová sústava, a.s., Východoslovenská distribučná, a.s., a Západoslovenská distribučná, a.s., ako aj zástupcovia samosprávy, Ministerstva hospodárstva Slovenskej republiky a Zastúpenia Európskej komisie na Slovensku.

Verejná online konzultácia sa bude konať **17. júna 2025 o 10:30 hod.** Prípojiť sa a klásť otázky môžete prostredníctvom aplikácie **sli.do** (#danube) alebo **naskenovania QR kódu** a tiež na webstránke projektu **www.danubeingrid.eu**



Účasť na podujatí je voľná a nepodlieha žiadnej registrácii.

Realizátori:



Podporovatelia:



Spolufinancovaný:



Za obsah tejto publikácie zodpovedajú výlučne spoločnosti Slovenská elektrizačná prenosová sústava, a.s., Západoslovenská distribučná, a.s. a Východoslovenská distribučná a.s., a nemali nevyhnutne zohľadňovať názor Európskej únie.



Ing. Michal Vlček
Starosta Vajnor
starosta@vajnory.sk
[0212 12 95 212](tel:02121295212)

Servis pre občanov Vajnor:

0850 24 25 24

Podsieňňa:

Po:	8.00 – 12.00	13.00 – 17.00
Ut:	8.00 – 12.00	13.00 – 15.00
St:	8.00 – 12.00	13.00 – 17.00
Štv:	8.00 – 12.00	13.00 – 15.00
Pia:	8.00 – 12.00	

Úradné hodiny:

Po:	8.00 – 12.00	13.00 – 17.00
St:	8.00 – 12.00	13.00 – 17.00
Pia:	8.00 – 12.00	

MENU

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- > ROZHLAS

VAJNORSKÉ NOVINKY




(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

ANNEX A.5 List of invited Slovak Stakeholders to the Online Public Consultation

Stakeholder category	Stakeholder name
Municipalities	Bánovce nad Bebravou
Municipalities	Bodíky
Municipalities	Boleráz
Municipalities	Bošany
Municipalities	Bratislava
Municipalities	Bratislava - mestská časť Čunovo
Municipalities	Bratislava - mestská časť Devín
Municipalities	Bratislava - mestská časť Devínska Nová Ves
Municipalities	Bratislava - mestská časť Dúbravka
Municipalities	Bratislava - mestská časť Karlova Ves
Municipalities	Bratislava - mestská časť Lamač
Municipalities	Bratislava - mestská časť Nové Mesto
Municipalities	Bratislava - mestská časť Petržalka
Municipalities	Bratislava - mestská časť Podunajské Biskupice
Municipalities	Bratislava - mestská časť Rača
Municipalities	Bratislava - mestská časť Rusovce
Municipalities	Bratislava - mestská časť Ružinov
Municipalities	Bratislava - mestská časť Staré Mesto
Municipalities	Bratislava - mestská časť Vajnory
Municipalities	Brodzany
Municipalities	Buková
Municipalities	Čalovec
Municipalities	Častá
Municipalities	Čierna Lehota
Municipalities	Čižare
Municipalities	Dechtice
Municipalities	Devičany
Municipalities	Dežerice
Municipalities	Dobrá Voda
Municipalities	Dolná Streda
Municipalities	Dolný Lopašov
Municipalities	Drahovce
Municipalities	Dunajská Lužná
Municipalities	Dunajská Streda
Municipalities	Dunajský Klátov
Municipalities	Dvorany nad Nitrou
Municipalities	Dvory nad Žitavou
Municipalities	Farná
Municipalities	Gabčíkovo
Municipalities	Galanta
Municipalities	Hamuliakovo
Municipalities	Hlohovec
Municipalities	Horná Potôň
Municipalities	Horné Lefantovce
Municipalities	Horné Naštice
Municipalities	Horné Orešany
Municipalities	Hostie
Municipalities	Hrkovce
Municipalities	Hronovce
Municipalities	Hrubá Borša



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Municipalities	Hrubý Šúr
Municipalities	Hurbanovo
Municipalities	Chľaba
Municipalities	Ivanka pri Dunaji
Municipalities	Jahodná
Municipalities	Jalšové
Municipalities	Jaslovské Bohunice
Municipalities	Jelenec
Municipalities	Jelka
Municipalities	Ješkova Ves
Municipalities	Jur nad Hronom
Municipalities	Kalinkovo
Municipalities	Kalná nad Hronom
Municipalities	Kameničná
Municipalities	Kamenný Most
Municipalities	Klasov
Municipalities	Kľúčovec
Municipalities	Kolíňany
Municipalities	Kolta
Municipalities	Komárno
Municipalities	Koplotovce
Municipalities	Kostoľany pod Tribečom
Municipalities	Kostolná pri Dunaji
Municipalities	Kšinná
Municipalities	Levice
Municipalities	Limbach
Municipalities	Lošonec
Municipalities	Lozorno
Municipalities	Malinovo
Municipalities	Mierovo
Municipalities	Miloslavov
Municipalities	Močenok
Municipalities	Most pri Bratislave
Municipalities	Mužla
Municipalities	Nemečky
Municipalities	Nitra
Municipalities	NITRA - DIELY
Municipalities	NITRA - DRÁŽOVCE
Municipalities	NITRA - HORNÉ KRŠKANY
Municipalities	NITRA - CHRENOVÁ
Municipalities	NITRA - KLOKOČINA
Municipalities	NITRA - STARÉ MESTO
Municipalities	NITRA - ZOBOR
Municipalities	Nitrianske Hrnčiarovce
Municipalities	Nová Stráž
Municipalities	Nová Vieska
Municipalities	Nové Zámky
Municipalities	Obyce
Municipalities	Orešany
Municipalities	Partizánske
Municipalities	Pata
Municipalities	Patince
Municipalities	Pezinok

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Municipalities	Piešťany
Municipalities	Píla
Municipalities	Plášťovce
Municipalities	Podhorany
Municipalities	Podlužany
Municipalities	Pozba
Municipalities	Prašice
Municipalities	Prašník
Municipalities	Preseľany
Municipalities	Pukanec
Municipalities	Radošina
Municipalities	Reca
Municipalities	Rišňovce
Municipalities	Rovinka
Municipalities	Rybany
Municipalities	Senec
Municipalities	Sereď
Municipalities	Skýcov
Municipalities	Sládkovičovo
Municipalities	Slatinka nad Bebravou
Municipalities	Smolenice
Municipalities	Stupava
Municipalities	Súľovce
Municipalities	Svätý Jur
Municipalities	Svodín
Municipalities	Šahy
Municipalities	Šaľa
Municipalities	Šamorín
Municipalities	Šarovce
Municipalities	Šintava
Municipalities	Špačince
Municipalities	Štúrovo
Municipalities	Tehla
Municipalities	Tekovský Hrádok
Municipalities	Tesáre
Municipalities	Tlmače
Municipalities	Topoľčany
Municipalities	Topoľčianky
Municipalities	Trhová Hradská
Municipalities	Tnava
Municipalities	Trstice
Municipalities	Trstín
Municipalities	Tupá
Municipalities	Tvrdomestice
Municipalities	Uhrovec
Municipalities	Veľké Blahovo
Municipalities	Veľké Lovce
Municipalities	Veľké Uherce
Municipalities	Veľké Zálužie
Municipalities	Veľký Kýr
Municipalities	Veľký Lapáš
Municipalities	Veľký Meder
Municipalities	Voderady



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Municipalities	Vojka nad Dunajom
Municipalities	Vráble
Municipalities	Vrakúň
Municipalities	Výčapy-Opatovce
Municipalities	Vydrany
Municipalities	Vyšné nad Hronom
Municipalities	Zlaté Moravce
Municipalities	Zlatníky
Municipalities	Želiezovce
Municipalities	Žirany
Municipalities	Bardejov
Municipalities	Beňatina
Municipalities	Bzenov
Municipalities	Čečeňovce
Municipalities	Demjata
Municipalities	Dobšiná
Municipalities	Gemerská Hôrka
Municipalities	Haniska pri Košiciach
Municipalities	Horňa
Municipalities	Hrabová Rostoka
Municipalities	Humenné
Municipalities	Choňkovce
Municipalities	Kežmarok
Municipalities	Kolonica
Municipalities	Koňuš
Municipalities	Košice
Municipalities	Krišovská Liesková
Municipalities	Ladomirov
Municipalities	Lemešany
Municipalities	Lubeník
Municipalities	Michalovce
Municipalities	Mníšek nad Hnilcom
Municipalities	Moldava na Bodvou
Municipalities	Muráň
Municipalities	Nížný Medzev
Municipalities	Obišovce
Municipalities	Podhorod'
Municipalities	Poprad
Municipalities	Rožňava
Municipalities	Ruská Bystrá
Municipalities	Smolnícka Huta
Municipalities	Snina
Municipalities	Sobrance
Municipalities	Spišská Nová Ves
Municipalities	Stakčín
Municipalities	Stará Ľubovňa
Municipalities	Strážske
Municipalities	Strihovce
Municipalities	Svidník
Municipalities	Svit
Municipalities	Štós
Municipalities	Švedlár
Municipalities	Tibava



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Municipalities	Trebišov
Municipalities	Veľké Kapušany
Municipalities	Voľa
Municipalities	Žehňa
Districts	Bratislava
Districts	Senec
Districts	Galanta
Districts	Dunajská Streda
Districts	Nitra
Districts	Šaľa
Districts	Nové Zámky
Districts	Komárno
Districts	Levice
Districts	Pezinok
Districts	Tnava
Districts	Hlohovec
Districts	Piešťany
Districts	Topoľčany
Districts	Bánovce n. Bebravou
Districts	Partizánske
Districts	Zlaté Moravce
Districts	Bardejov
Districts	Gelnica
Districts	Humenné
Districts	Kežmarok
Districts	Košice
Districts	Košice - okolie
Districts	Michalovce
Districts	Poprad
Districts	Prešov
Districts	Revúca
Districts	Rožňava
Districts	Snina
Districts	Sobrance
Districts	Spišská Nová Ves
Districts	Stará Ľubovňa
Districts	Svidník
Districts	Trebišov
Self-governing regions	VÚC Košický kraj
Self-governing regions	VÚC Bratislavský kraj
Self-governing regions	VÚC Nitra
Self-governing regions	VÚC Trnava
Self-governing regions	VÚC Prešov
Self-governing regions	VÚC Banská Bystrica
Public Authorities	Ministerstvo životného prostredia SR
Public Authorities	Ministerstvo obrany SR
Public Authorities	Úrad pre reguláciu elektronických komunikácií a poštových služieb
Public Authorities	Úrad pre územné plánovanie a výstavbu Slovenskej republiky
Public Authorities	Krajský pamiatkový úrad
Public Authorities	Lesy Slovenskej republiky, š. p.,
Public Authorities	Národná diaľničná spoločnosť,
Public Authorities	Slovenská správa ciest,



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Public Authorities	Vodohospodársky podnik,
Public Authorities	Archeologický ústav
Stakeholder organizations	SK 8
Stakeholder organizations	ZMOS
Environmental protection organizations	Ochrana dravcov na Slovensku
Environmental protection organizations	Štátna ochrana prírody SR
Environmental protection organizations	Ing. Branislav Faško krajinár,
Environmental protection organizations	NP Poloniny
Environmental protection organizations	NP Slovenský raj
Environmental protection organizations	NP Pieniny
Environmental protection organizations	TANAP
Environmental protection organizations	NP Slovenský kras
Environmental protection organizations	NP Nízke Tatry
Environmental protection organizations	NP Muránska planina
TELCO providers	Slovak Telekom
TELCO providers	Orange
TELCO providers	02 Slovakia
TELCO providers	4ka/ Swan
TELCO providers	Slovanet/Radiolan
TELCO providers	Towercom
TELCO providers	Antik
TELCO providers	UPC
TELCO providers	Vnet
TELCO providers	ALPI - Asociácia lokálnych poskytovateľov Internetu

ANNEX A.6 List of Questions and Answers from the online public consultation

Question text	Answer
When and where will the Danube InGrid 2 works be carried out?	Danube InGrid 2nd wave will take place in 2024 – 2028. Works will be performed in the territories of Západoslovenská distribučná ,a.s. and Východoslovenská distribučná, a.s.
What will the construction of ES Vajnory bring to Bratislava. What benefits will it bring to the citizen.	The construction of substation Vajnory with a 400/110 kV transformation is necessary in order to ensure the coverage of the expected future electricity consumption in the area of the capital of the Slovak Republic, Bratislava, and the nodal areas managed by the distribution system operator Západoslovenská distribučná, a.s. (ZSD), with distribution substation 110/22kV Vajnory. With connection of SEPS and ZSD, new point of TSO-DSO interconnection is being created in Bratislava area. In addition, the goal is to increase network capacity and the possibility of connecting new customers, or RES, implementation of modern intelligent elements in the network and improvement of sustainability at the distribution level with regard to the expected future demands of customers. The construction of substation Vajnory will bring direct and long-term benefits to the citizens of Bratislava such as support to growing population and urban development in Bratislava, strengthens the grid in case of emergencies, ensures stable voltage and frequency, which is important for home appliances and electronics, reduces the risk of power outages, supports the expansion of electric vehicle charging infrastructure and ensures a reliable power supply for current and future citizens of Bratislava.
How will the Danube InGrid investments help the Bratislava region?	<p>Constantly more extensive residential and commercial construction, especially in the vicinity of Bratislava, and the growing number of users of the electricity network require the strengthening of its nodes.</p> <p>The implementation of activities within Danube InGrid will increase the quality of electricity supply and eliminate possible impacts caused by a power outage. At the level of the distribution and transmission system in the area of the Slovak capital, the reliability of power supply to the affected nodal are as in this region will increase.</p>
What specific "smart grid" technologies are part of the Danube InGrid project?	<p>On SEPS side smart elements such as digital protective relays, bay control units, shunt reactors and transformer tap changer controllers will be installed.</p> <p>As part of the renewal and modernization, SEPS is gradually switching to remote mode management, which means that the operation does not require the presence of local staff and all control actions of the substation are performed remotely from the dispatch centre. The on-line transformer monitoring system is the most effective means of ensuring the monitoring of the reliability of the operation of power transformers and the prediction of possible damage to individual components during the life cycle. Protection relays reduce the risk of asset damage due to maloperation/environmental impacts. The grid must have optimal resilience against natural disasters, terrorist attacks, and cyber-attacks. Maintenance-friendly, safe, and reliable design with comprehensive lifetime services. Proposed technologies will enable greater integration of RES in the transmission and distribution grids and lead to more efficient use of other existing infrastructure.</p> <p>In Danube InGrid, implementation of IT solutions for Smart Grids enables also modernisation of transmission and distribution grid, more efficient management and control of the network. Project includes also smart DSO transformer stations and also new and modernized power lines equipped with optical fibre routes to support communication. Works include installation of smart elements enabling remote fault location, operations</p>

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

	monitoring and control, optical fibres to support communication, and complementing the existing automation and smartification of 22 kV lines. Upgrading and increasing the capacities at existing substations and transformer stations and implement smartification and meteo data exchange.
Can the creation of new infrastructure affect electricity prices for residents?	Thanks to EU co-financing, the impact of those investments on the price of electricity, will be limited
Will our municipality gain any benefits if any part of the project is implemented on its territory?	The implementation of activities within the Danube InGrid will increase the quality of electricity supply and eliminate possible impacts caused by power outages. At the level of the distribution and transmission system, the reliability of electricity supply in the affected nodal areas in the affected regions will increase.
What are the sources of funding for the project and will it also require funding from the state budget?	The support comes from the CEF program of the European Union, managed by the CINEA (European Climate Infrastructure and Environment Executive Agency). The Slovak Republic does not directly support this project financially. SR supports the project, e.g. in the form of speeding up administrative processes in cases where it is possible.
How is the cooperation between Slovakia and Hungary within the project?	Cooperation between Slovakia and Hungary under the Danube InGrid is highly strategic and robust, involving both - the transmission system operator and distribution system operators from these countries working closely on smart-grid infrastructure. So the cooperation consists mostly of the common project activities but also from the technical knowledge sharing. The project will enhance cross-border cooperation between Slovakia and Hungary by integrating advanced meteorological systems, enabling more accurate weather forecasting and grid operation optimization. This will help both countries manage the increased penetration of RES and improve the reliability of the interconnected grid, ensuring a stable electricity supply across borders. The Danube InGrid: Second Phase project is designed to foster cross-border cooperation between Slovakia and Hungary, particularly in the areas of cross-border EV charging and real-time data exchange.
Can the project be expected to bring new jobs or regional development?	The completion of the Danube InGrid 2nd phase will have a catalytic effect and attract further investments in related areas such as renewable energy sources (RES) and electric vehicle (EV) charging infrastructure deployment.
Can the Danube InGrid project serve as a model for other EU countries?	Certainly yes, the Danube InGrid project can serve as a model for other EU countries, particularly in the context of the EU's green energy transition and the need for modern, smart, and cross-border electricity grids as well as in the context of good cooperation between involved companies.
Where exactly in Slovakia are the new power stations being built, how are they being located and what will be the benefits for the regions?	The main substations being built as part of Danube InGrid are Lučivná substation 110/22kV (VSD territory, eastern Slovakia), Vajnory substation 400/110/22kV, and Mierovo and substation 110/22kV (within ZSD territory, western part of Slovakia). New substations bring additional transformation capacity, greater stability and quality of power distribution in the regions.
How does the project benefit from the status of a significant investment	The certificate of significant investment brought many benefits, especially in the context of permitting procedures and property-legal settlement of the land under the substation, which we managed to bring to a successful conclusion in cooperation with ZSD. In connection with the issued Certificate of Significant Investment, we requested the Ministry of Economy, pursuant to the Act on Strategic Investments, to confirm the compliance of the parameters of the significant investment with the conditions under the Act on Strategic Investments. After assessing the parameters, the Ministry of Economy of the Slovak Republic stated compliance and issued this confirmation. This means that the Danube InGrid project is a Significant and also a Strategic Investment. From the extension of this status to SI, it is possible to expect a benefit, or rather time efficiency in the final inspection procedure after the completion of

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	construction, or also an efficient course of various partial procedures during construction.
How will the project increase the chances of electricity generation from green sources?	Investments aimed at the development of the smart grid will strengthen the integration of new sources in the future, especially RES. By strengthening the network, its communication optical layer and improving the ability to manage it with the use of modern technologies, additional possibilities for the expansion of renewable sources of electricity will be created. Digitalization of the infrastructure is one of the basic pillars for the connection of new RES.
Will I, as a customer, realistically experience lower failure rates when the project is implemented?	We can remove the fault sooner thanks to faster localization of the fault. We are also able to more quickly isolate the section with a fault from the healthy part of the system. This will shorten the interruption of electricity distribution from the customer's point of view. It is precisely this ability that smart technologies bring. In addition, the selected lines will be cabled as part of the project, i.e. j. overhead lines will be buried in the ground, which will significantly reduce their failure rate and eliminate the negative effects of the weather.
What is the impact on the transmission system of connecting new renewable energy sources to the distribution system?	Due to the connection of new RES, from the point of view of SEPS, it is necessary to increase the capacity for new installed sources, mainly photovoltaic and wind power plants. Sufficient flexibility and regulatory performance of the transmission system is a necessary condition for the integration of renewable resources into the system.
Given its status as a significant investment, what is meant by 'strategic area'?	In the Application for the issuance of a certificate of significant investment, SEPS defined a "strategic area" within the meaning of the law as an area designated for the construction of the new substation Vajnory, including the access road to substation Vajnory and the areas of the existing substations Podunajské Biskupice and Stupava.
Why is it important to build the new Substation Vajnory?	Part of the Danube InGrid project is also the construction of a new 400/110 kV substation in Vajnory, as a fully automated remote controlled substation with smart elements (remote control equipment and systems), the looping of the 400 kV line, which will consist of two separate overhead lines of 400 kV connecting the existing line and the new substation (looping implemented in Patov, Sv. Jur, Vajnory). The connection with the new 110/22kV substation Vajnory that is being implemented by ZSD as part of Danube InGrid, will help to strengthen the distribution grid in western Slovakia. The substation Vajnory will bring benefits to life not only in Vajnory, but throughout the city and region, and will even have a positive impact on Europeans. After its commissioning, the quality and reliability of electricity supply will increase not only in the immediate vicinity, but also in the wider Vajnory area. The substation will create the conditions for better solving various non-standard operating conditions and at the same time expand the possibilities of connecting end users and producers of energy from renewable sources to the regional distribution system.
Are the distribution companies planning to install also reactors to compensate for reactive electricity? If so, how many MVA?	The increasing connection of RES and decentralized generation creates challenges in managing reactive power flows and increases the need for effective reactive power compensation. The project will cover this part as well, with implementation of compensation coils in substation 110/22kV Vajnory (overall 80 MVA) and substation 110/22kV Lučivná (overall 65 MVA).
Is it necessary to invest in Vajnory when the Mierovo ESt opened last year?	Mierovo and Vajnory are two separate investments in two areas of development. Each of the substation is reacting on specific issues in the subject area. The substation Vajnory will bring benefits to life not only in Vajnory, but throughout the city and region, and will even have a positive impact on Europeans. After its commissioning, the quality and reliability of electricity supply will increase not only in the immediate vicinity, but also in the wider Vajnory area. The substation will create the conditions

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	for better solving various non-standard operating conditions and at the same time expand the possibilities of connecting end users and producers of energy from renewable sources to the regional distribution system.
ZSD is intensively building new power stations and upgrading lines. The project serves to promote RES. I still can't have a PV plant bigger than 3 kWh at home why?	ZSD also increases capacities and options for customers through projects like Danube InGrid to develop the distribution system. Currently, there may be limitations that are caused by local conditions for installations at a specific locations and also due to the current state and parameters of distribution equipment.
Why was the Vajnory site chosen for the new power station? Have you already planned for a new hospital?	The location where the power station is planned to be built has been considered for many years and is a part of grid development plans for Bratislava region. It has been backed up in relevant land-use planning documents for a long time. The location is suitable for the construction of the power station also thanks to the existing communication "Na doline" and the location outside the built-up area of the municipality with the least possible impact on residents, but at the same time in sufficient proximity to the locations that the station will supply.
What investments are planned to increase the flexibility of the grid?	The flexibility of the system is necessary to maintain balance between generation and load during uncertainty, resulting in increased grid efficiency, resiliency and the integration of variable RES into the grid. In order to ensure balance between production and consumption, SEPS uses compensating devices to compensate for reactive power, the so-called compensation coils. As part of the Danube Ingrid project, it is planned to build them in all investment activities of SEPS - in western Slovakia in Vajnory, in Podunajské Biskupice and Stupava, and in eastern Slovakia in ESt Spišská Nová Ves and ESt Voľa. ZSD and VSD are also installing smart devices that ensure higher flexibility of operations of electricity distribution system.
In case of blocking of financial contributions by the EC (due to the political situation), is there an alternative financing or can the project fail on this?	There is a political risk but based on the contracts with CINEA (EU), the Danube InGrid project has approved co-financing, subject to meeting the set goals and milestones in the Grant Agreement.
How can municipalities get involved in the project or how can they contribute?	Involving the public already in the preparatory phase of project implementation allows for better identification of public interests, needs and values. By informing and informing the stakeholders in a timely manner and involving the public and affected municipalities in the entire process from the very beginning, their intervention and benefit to the entire permitting process plays a significant role. Public involvement is a two-way communication, the main goal of which is to accept the public as an immediate and equal subject with whom it is necessary to conduct a dialogue and accept their position. Residents who are actively interested in the construction of the power station and would like to stay in the center of events can find the latest information on the project website www.danubeingrid.eu , as well as on the project's social networks. Consultations intended for the general public are held regularly. The dates of the meetings are listed on the project website.
Can you elaborate on what projects are included in the DI project around Bratislava?	Speaking of SEPS, our company, within the first wave of the project, is implementing activities in western Slovakia in the cadastral areas of Stupava, Podunajské Biskupice and Vajnory. Common key activity SEPS and ZSD within the Danube InGrid project is the construction of new substation Vajnory. SEPS's part is also related to investments in substations in Stupava and Podunajské Biskupice, specifically the modernization of these stations and their extension in order to connect these stations with the newly built power station in Vajnory. DSO investments by Západoslovenská distribučná include multiple smart transformer stations, optical fibre routes on 110kV and 22kV lines and also IT investments. Substations 110/22kV Vajnory and Mierovo and significant double 110 kV underground line Vajnory – Žabí Majer are also included.

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

ANNEX A.7 Safety Awareness Actions Day event in Vajnory – event photos, social media posts, information

Danube InGrid Phase 1 website information

The screenshot shows the Danube InGrid website with a navigation bar (HOME, PHASE 1, PHASE 2, PCI, TENDERS, PUBLIC CONSULTATION) and a news article titled "Vajnory substation". The article text states: "The construction of the new 400/110/22 kV Vajnory substation represents a strategic part of the Danube InGrid project and contributes to enhancing the stability, flexibility and reliability of the electricity distribution system in the Bratislava region. The substation is strategically located to support increasing local demand and enable future integration of renewable energy sources." To the right of the text is a photograph of a yellow road sign with icons for vehicles, cyclists, and pedestrians, and text in Slovak: "OSPRAVEDĽUJEME SA" and "VOZIDLÁ STAVBY". Below the article, it says "The substation will consist of two main components:" followed by a bulleted list:

- A 400/110 kV substation, operated by the Slovenská elektrizačná prenosová sústava, a.s. (SEPS), responsible for integrating the site into the national transmission grid,
- A 110/22 kV substation, operated by Západoslovenská distribučná, a.s. (ZSD), ensuring local electricity supply and load management within the urban and suburban zones.

The screenshot shows the project details page for the Vajnory substation. It includes the following information:

- Both substations will be equipped with advanced control and information systems that allow for fully remote operation and monitoring.
- Download the Substation [Vajnory leaflet](#) (SK)
- Location:** Jurská cesta, Bratislava – Vajnory, Slovakia
- 110/22 kV Substation Vajnory**
- Status:** Implementation – Under construction
- Contact details:**
- Investor:** Západoslovenská distribučná, a.s., Čulenova 6, 816 47 Bratislava
- Key Personnel:**
 - Ing. Pavol Gašparín, +421 917 718 577 – Chief Construction Supervisor
 - Ing. Ľuboš Lísk, +421 917 718 018 – Technical Supervisor for Civil Works
 - Ing. Marek Valko, +421 918 801 373 – General Technical Construction Supervisor



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in [TW](#) [EN](#) [HU](#) [SK](#)

HOME **PHASE 1** PHASE 2 PCI TENDERS PUBLIC CONSULTATION

Contractor:
LIV ELEKTRA a.s., Priemyselná 10, 821 09 Bratislava

- Ing. Karol Herchl, +421 917 130 702 – Project Manager
- Ing. Lukáš Nižňanský, +421 905 534 548 – Site Manager for Civil Works
- Július Schmidt, +421 907 670 503 – Site Manager for Technological Part

Health and Safety Coordinator:
BOZPO s.r.o.

- Ing. Martin Bandik, +421 748 962 – Safety Officer

Traffic and Safety Measures in charge
To ensure the safety of the public and enable the construction, **temporary traffic modifications** have been implemented around the site:

- One side of **Jurská cesta** is reserved for **construction traffic and heavy machinery**.
- The connection between **Jurská and Rybníčná roads** is currently **accessible only to the construction vehicles**.
- Cyclists and pedestrians are kindly asked to **respect all posted signage and safety barriers**.

Social media

Danube InGrid HU/SK Project
331 followers
dw • 🌐

Public Awareness in Action – Danube InGrid in Vajnory

On May 23rd, more than 700 students, teachers, and residents joined us in Vajnory, the future site of the Danube InGrid substation, for an interactive day focused on safety, energy education, and public engagement.

This event is part of our broader effort to bring the Danube InGrid closer to communities.

👉 View the carousel to see how we turned our action into real connection.

SEPS - Slovenská elektrizačná prenosová sústava
Západoslovenská distribučná, a.s. - Skupina ZSE
E.ON Hungária Csoport
CINEA - European Climate, Infrastructure and Environment Executive Agency
Mestská časť Vajnory

#DanubeInGrid #PublicConsultationDanubeInGrid #PCIs #CINEA #SmartGrids
#EnergyTransition #PublicEngagement #SafetyFirst #Vajnory #EnergyEducation
#CEFEnergy #ZSD #SEPS #EED

#PublicConsultationDanubeInGrid

PUBLIC AWARENESS IN ACTION

Danube InGrid and
Safety on Jurská Road - Vajnory

🌐 You and 22 others 5 reposts



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#PublicConsultationDanubeInGrid

PUBLIC AWARENESS IN ACTION

Danube InGrid and Safety on Jurská Road - Vajnory

Children learned how electricity works — and how to stay safe near a construction site.

#Safety in practice

#EnergyEducation #SafetyOnJurska

Public info materials were made available for free distribution in schools and online.

#EnergyEducation #LearningByFun

Danube InGrid SMART GAME

#PublicConsultationDanubeInGrid

We involved:

- ✓ Local schools (primary & secondary)
- ✓ Parents and residents
- ✓ Municipal representatives

We thank the community of Vajnory for their questions, and ideas.

17 PARTNERSHIPS FOR THE GOALS

BEZPEČNOSŤ NA JURSKÉJ CESTE

SAFETY AWARENESS ON JURSKÁ

Výstavba elektrickej stanice Vajnory
Zvýšenie bezpečnosti detí, rodičov, obyvateľov

Construction of Substation Vajnory
Raising safety awareness among children, parents, and residents

23.5.2025
9:00 - 18:00

ULICA NA HRANIE
Osloboditeľská ulica, Bratislava - Vajnory

Zmena organizácie dopravy na Jurskej ceste

ROZDELENÁ KOMUNIKÁCIA PRE JEJ UŽÍVATEĽOV

STAVENSKO

ĽAVÝ PRUH
Výhradný pre stavbu a záberovú vozidlovú stávkovú

VOZIDLA STAVBY
Nové dopravné značenie: Právoplatná Rýchlostná a jurská cesta, ktorá len pre stavovú dopravu.

PRÁVY PRUH
Služný pre chodcov a bicyklistov

OPRAVUJEME SA

VOZIDLA STAVBY, CYKLISTI A CHODCI

JURSKÁ CESTA

VAJNORY

OPRAVUJEME SA ZA DOČASNÉ OBMEDZENIE Z DŮVODU VÝSTAVY ELEKTRICKEJ STANICE V AJNORY

BEZPEČNOSŤ NA JURSKÉJ CESTE

SAFETY AWARENESS ON JURSKÁ

23.5.2025
9:00 - 18:00

ULICA NA HRANIE
Osloboditeľská ulica, Bratislava - Vajnory

Rady a tipy, ako sa pohybovať po Jurskej ceste

Chcete vidieť pri pravom okraji vyznačenú zónu

Po západe slnka používajte reflexné prvky a svetlo

Držite deti za ruku, hadičky a vazy voľne čo najbližšie k okraju

Nevyžívajte skratky cez stavovú stávkovú pruh

Jasšie pomaly a venujte pozornosť chodcom pri zmliekaní premávke

Dávajte zvládne upozornenie (zvoneček) pri predchádzaní

Používajte bezpečnostné a reflexné prvky (súprava, odrazky)

Dôležité telefónne čísla, ak by bolo treba zavolať pomoc

112	Všeobecná telefónná linka
150	Hasiči
155	Rýchla zdravotná pomoc
158	Polícia
159	Hesťská polícia

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Čo je Danube InGrid?

Projekt Danube InGrid (Danube Intelligent Grid) je významnou celoevropskou spolupracou mezi Slovenskem a Maďarskem, zaměřenou na modernizaci a inteligentizaci energetické infrastruktury inteligentních technologií.

Danube InGrid je zárukou, že Projekt je spolehlivě financován (EVF) Evropskou unií. Projekt Danube InGrid je jen zjednotěn s Evropskou unií (EVF), která má na úřadu zaručit, že projekt, který pomáhá více než 100 mil. lidí, Slovensko může být zapojeno do významných investic. Každý projekt má vlastní projektový tým s investicí.

Projekt InGrid podporuje až Specifný fond Evropské unie, realizovaný až do konce na projekce Evropy (ESF).

Co tento projekt robí?

- ZMĚŘENÍ VÍCE PŘÍPLNÉ OBNOVITELNÝCH ZDROJŮ ENERGIE**
Například ze slunce, větru, vody.
- ZAVÁDĚNÍ INTELIGENTNÍ SÍTE (TJ. SÍŤOVÝ GRID)**
Sítě, které se mohou přizpůsobit a dávat.
- ZLEPŠENÍ BEZPEČNOSTI A KVALITY ELEKTŘINY**
Více spolehlivost, rychlejší opravy.
- PŘEPRAVA SLOVENSKÉ A MAĎARSKÉ SÍTEVY**
Společně se Maďarskem.

Danube InGrid vo Vajnoroch = nová elektrická stanica Vajnory

Príprava výstavby elektrickej stanice. Každý rok investuje do elektrickej siete približne 1,5 mld. €. Do domov, škôl, nemocníc, obchodov aj na turistiku. Táto stanica je súčasťou projektu Danube InGrid a bude postavená v oblasti Bratislava. Práca je taká významná!

- Práca na modernizácii siete, výstavba nových zdrojov energie, napríklad zo slnečnej energie.
- Práca na tom, aby sa mohli pripojiť k sieti domy a firmy, ktoré potrebujú elektriku.
- Práca na tom, aby sa mohli pripojiť k sieti domy a firmy, ktoré potrebujú elektriku.
- Práca na tom, aby sa mohli pripojiť k sieti domy a firmy, ktoré potrebujú elektriku.

www.danubeingrid.eu

ČO BY STE MALI VEDIEŤ O VÝSTAVBE ELEKTRICKEJ STANICE VAJNORY

What You Should Know About the Vajnory Substation Construction

Bratislava - Vajnory (SK)

VÝSTAVBA ENERGETICKEJ INFRAŠTRUKTÚRY PŘEBIEHA V OKOLÍ JURSKÉJ CESTY, BRATISLAVA - VAJNORY.

110/22 kV substation Energy infrastructure is under construction in the neighborhood of Jurská cesta, Bratislava-Vajnory.

Bratislava - Vajnory (SK)



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(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

VAŠA BEZPEČNOSŤ JE NA PRVOM MIESTE!

**ZMENA ORGANIZÁCIE DOPRAVY
NA JURSKÉJ CESTE.**

**BUĎTE OPATRNÍ.
DODRŽIAVAJTE
DOPRAVNÉ A VÝSTRAŽNÉ ZNAČENIE.**

**Safety first!
Change in traffic organisations
on Jurská cesta.
Please stay alert and follow traffic
and warning signs.**

**BUĎTE OPATRNÍ,
DODRŽIAVAJTE DOPRAVNÉ ZNAČENIE.**

**Please stay alert
and follow traffic and warning signs.**

**ZMENA ORGANIZÁCIE DOPRAVY
NA JURSKÉJ CESTE.**

**Change in traffic organisations
on Jurská cesta.**

**ZVÝŠENÝ POHYB STAVEBNÝCH
VOZIDIEL**

- **STAVENISKOVÁ DOPRAVA A
OBSLUHA** - JAZDITE POMALY - DBAJTE
O BEZPEČNOSŤ CHODCOV A
CYKLISTOV
- **CHODCI A CYKLISTI** - ZVÝŠTE
POZORNOSŤ - STAVENISKOVÁ
DOPRAVA

Increased construction traffic.

Truck drivers: Drive slowly and prioritize safety
of pedestrians and cyclists.

Pedestrians and Cyclists: Be truck aware.

ĎAKUJEME

**ZA VAŠU TRPEZLIVOSŤ
A SPOLUPRÁCU POČAS
VÝSTAVBY.
SPOLOČNE ZVÝŠUJEME
BEZPEČNOSŤ A ROZVÍJAME
VÁŠ REGIÓN.**

THANK YOU
for your patience
and cooperation during the
construction.
Together, we're building a safer and
more reliable future.

WWW.DANUBEINGRID.EU

Video from the Safety Awareness event:

SK: <https://www.youtube.com/watch?v=4VQILMoGa9A>



Co-funded by
the European Union



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)



EN: <https://youtu.be/V9y8vqXz0b4>



Communication of safety measures and awareness of road traffic changes through publicly available information tables



Co-funded by
the European Union



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

ANNEX A8. Information published on promoters web pages

VEREJNÁ KONZULTÁCIA K PCI PROJektU | 10. zajtra, 17. júna o 10:30, sa uskutoční ďalšia verejná konzultácia k projektu spoločného zájmu Danube InGrid. O primárnych zámeroch projektu budú diskutovať zástupcovia našich distribučných spoločností, spoločnosti Slovenská elektrizačná prenosová sústava, ako aj zástupcovia samospráv, Ministerstva hospodárstva Slovenskej republiky a Zastúpenia Európskej komisie na Slovensku.

Ák vám to vaše pracovné povinnosti umožnia, budeme radi, ak sa pripojíte a dozviete sa, čo všetko sa v rámci projektu zrealizovalo, ako aj o ďalších plánovaných aktivitách. Link na podujatie nájdete v pozvánke nižšie. Účasť na podujatí je voľná a nepodlieha žiadnej registrácii.

Verejná konzultácia k projektu Danube InGrid POZVÁNKA

Vážení zástupcovia miest a obcí, stavebných úradov,

radi by sme pozvali na verejnú online konzultáciu k projektu spoločného zájmu Danube InGrid, víťaza súťaže v Slovenskej republike a Maďarsku vzniká jedna z najmodernejších elektrizačných sústav v Európe.

Cieľom Danube InGrid je vybudovať inteligentnú sústavu, ktorá umožní ľahšiu integráciu obnoviteľných zdrojov energie a zároveň zabezpečí spoľahlivú a bezpečnú dodávku elektriny.

V rámci verejnej online konzultácie budú o konkrétnych výsledkoch a ďalších plánoch projektu Danube InGrid a Danube InGrid druhá fáza diskutovať zástupcovia spoločností Slovenská elektrizačná prenosová sústava, a.s., Východoslovenská distribučná, a.s., a Západoslovenská distribučná, a.s., ako aj zástupcovia samospráv, Ministerstva hospodárstva Slovenskej republiky a Zastúpenia Európskej komisie na Slovensku.

Verejná online konzultácia sa bude konať **17. júna 2025 o 10:30 hod.** Pripojiť sa a sledovať otázky môžete prostredníctvom aplikácie **sli.do** (Rdanube) alebo naskenovanie QR kódu a tiež na webovej stránke projektu www.danubeingrid.eu

Účasť na podujatí je voľná a nepodlieha žiadnej registrácii.

Realizácia: Podporovateľ: Spolufinancovaný:

Za obsah tejto stránky zodpovedá výlučne spoločnosť Slovenská elektrizačná prenosová sústava, a.s., Západoslovenská distribučná, a.s. a Východoslovenská distribučná, a.s., ktoré nemajú žiadne vzťahy k Európskej únii.

Danube InGrid

HOME PHASE 1 PHASE 2 PCI TENDERS PUBLIC CONSULTATION

News

May 2025 Grant Agreement signed for EU co-financing.

Events

17 June 2025

Public Consultation in Slovak language in compliance with the Regulation (EU) No. 2022/869 of the European Parliament and of the Council of 30 May 2022 on guidelines for trans-European energy infrastructure – [online event](#) [invitation](#)

16 July 2025

Public Consultation in Hungarian language in compliance with the Regulation (EU) No. 2022/869 of

PCI Days 2025: Participation in the annual EU PCI Day to present cross-border energy infrastructure initiatives.

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

LIST OF ATTACHMENTS OF HUNGARIAN PUBLIC CONSULTATION

Annex B.1 – Lists of invited Hungarian Stakeholders

Stakeholder category	Stakeholder name
Municipality	Aba
Municipality	Abda
Municipality	Ácsteszer
Municipality	Adásztevel
Municipality	Aka
Municipality	Ászár
Municipality	Bajna
Municipality	Bajót
Municipality	Bakonybánk
Municipality	Bakonybél
Municipality	Bakonygyirót
Municipality	Bakonykoppány
Municipality	Bakonynána
Municipality	Bakonyoszlop
Municipality	Bakonypéterd
Municipality	Bakonyság
Municipality	Bakonysárkány
Municipality	Bakonyszentiván
Municipality	Bakonyszentkirály
Municipality	Bakonyszentlászló
Municipality	Bakonyszombathely
Municipality	Bakonyszücs
Municipality	Bakonytamási
Municipality	Balatonfőkajár
Municipality	Balatonkenese
Municipality	Bársonyos
Municipality	Batyk
Municipality	Béb
Municipality	Beled
Municipality	Bérbaltavár
Municipality	Bogyoszló
Municipality	Borzavár
Municipality	Bozsok
Municipality	Bucu
Municipality	Cirák
Municipality	Csáfordjánosfa
Municipality	Csajág
Municipality	Csákberény
Municipality	Csákvár

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Municipality	Csánig
Municipality	Csapod
Municipality	Csatka
Municipality	Csehi
Municipality	Csehimindszent
Municipality	Csép
Municipality	Csepreg
Municipality	Csesznek
Municipality	Csetény
Municipality	Csipkerek
Municipality	Csorna
Municipality	Csót
Municipality	Dág
Municipality	Dénesfa
Municipality	Dozmat
Municipality	Dötk
Municipality	Dudar
Municipality	Dunaalmás
Municipality	Écs
Municipality	Edve
Municipality	Eplény
Municipality	Epöl
Municipality	Ete
Municipality	Felsőcsatár
Municipality	Fenyőfő
Municipality	Füle
Municipality	Gánt
Municipality	Gencsapáti
Municipality	Gic
Municipality	Gyermely
Municipality	Gyóró
Municipality	Gyöngyösfalu
Municipality	Győr
Municipality	Győrasszonyfa
Municipality	Gyórladamér
Municipality	Győrújfalu
Municipality	Győrzámoly
Municipality	Hajmáskér
Municipality	Hárskút
Municipality	Hegyfalu
Municipality	Héreg
Municipality	Himod

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Municipality	Homokbödöge
Municipality	Horvátlövő
Municipality	Hosszúpereszteg
Municipality	Hövej
Municipality	Iklanberény
Municipality	Iván
Municipality	Ják
Municipality	Jásd
Municipality	Kemenesszentpéter
Municipality	Kérékteleki
Municipality	Királyszentistván
Municipality	Kisbér
Municipality	Kisgörbő
Municipality	Kisigmánd
Municipality	Kőszegdoroszló
Municipality	Kőszegszerdahely
Municipality	Kunsziget
Municipality	Küngös
Municipality	Lábatlan
Municipality	Lázi
Municipality	Lepsény
Municipality	Litér
Municipality	Lócs
Municipality	Lókút
Municipality	Lovászatona
Municipality	Lövő
Municipality	Lukácsháza
Municipality	Magyarkeresztúr
Municipality	Máriaalom
Municipality	Mesterháza
Municipality	Mezőörs
Municipality	Mezőszentgyörgy
Municipality	Mihályi
Municipality	Mikosszéplak
Municipality	Mosonmagyaróvár
Municipality	Mosonszentmiklós
Municipality	Nagydém
Municipality	Nagyesztergár
Municipality	Nagygeresd
Municipality	Nagygyimót
Municipality	Nagyigmánd
Municipality	Nagysáp



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Municipality	Nagytevel
Municipality	Nagytilaj
Municipality	Nárai
Municipality	Narda
Municipality	Naszály
Municipality	Nemeskér
Municipality	Nemesládony
Municipality	Neszmély
Municipality	Nick
Municipality	Nyalka
Municipality	Nyúl
Municipality	Olaszfa
Municipality	Öttevény
Municipality	Pakod
Municipality	Páli
Municipality	Pannonhalma
Municipality	Pápa
Municipality	Pápateszér
Municipality	Pátka
Municipality	Pázmándfa
Municipality	Pénzesgyőr
Municipality	Perenye
Municipality	Pókaszpetk
Municipality	Polgárdi
Municipality	Pornóapáti
Municipality	Porva
Municipality	Potyond
Municipality	Rábakecöl
Municipality	Rábasebes
Municipality	Ravasz
Municipality	Réde
Municipality	Répcelak
Municipality	Répcseszeme
Municipality	Románd
Municipality	Sajtoskál
Municipality	Sé
Municipality	Sénye
Municipality	Seregélyes
Municipality	Sikátor
Municipality	Simaság
Municipality	Sokorópátka
Municipality	Sóly

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Municipality	Sopronnémeti
Municipality	Súr
Municipality	Sümege
Municipality	Süttő
Municipality	Szápár
Municipality	Székesfehérvár
Municipality	Szombathely
Municipality	Szomor
Municipality	Táp
Municipality	Tápszentmiklós
Municipality	Tarjánpuszta
Municipality	Tárkány
Municipality	Tatabánya
Municipality	Tényő
Municipality	Tés
Municipality	Tompaládony
Municipality	Tormásliget
Municipality	Torony
Municipality	Ugod
Municipality	Újkér
Municipality	Úny
Municipality	Uraiújfalu
Municipality	Vadosfa
Municipality	Vág
Municipality	Vámoscsalád
Municipality	Várpalota
Municipality	Vásárosfalu
Municipality	Vasegerszeg
Municipality	Vaskeresztes
Municipality	Velem
Municipality	Vérteskethely
Municipality	Veszprém
Municipality	Veszprémvarsány
Municipality	Vindornyaszlós
Municipality	Zalabér
Municipality	Zalaistvánd
Municipality	Zalaszentgrót
Municipality	Zalavég
Municipality	Zámoly
Municipality	Zirc
Municipality	Zsédény

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Stakeholder category	Stakeholder name
District	Budapest XIII. ker.
District	Budapest II. ker.
District	Budapest III. ker.
District	Budapest VII. ker.
District	Budapest IX. ker.
District	Budapest XIV. ker.
District	Budapest XI. ker.
Municipality	Kóka
Municipality	Göd
Municipality	Vácrátót
Municipality	Örbottyán
Municipality	Veresegyház
Municipality	Pilisvörösvár
Municipality	Nagykáta
Municipality	Sülysáp
Municipality	Szentmártonkáta
Municipality	Tápiószecső
Municipality	Pécel
Municipality	Maglód



(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Annex B.2 – Screenshots of Danube InGrid website

Events

- 17 June 2025**
Public Consultation in Slovak language in compliance with the Regulation (EU) No. 2022/869 of the European Parliament and of the Council of 30 May 2022 on guidelines for trans-European energy infrastructure – [online event, invitation](#)
- 28 June 2023**
Public Consultation in Hungarian language in compliance with the Regulation (EU) No. 347/2013 of the European Parliament and of the Council of 17 April 2013 on guidelines for trans-European energy infrastructure – [online event, invitation](#) and [report](#).
- 16 June 2022**
Public Consultation in Hungarian language in compliance with the Regulation (EU) No. 347/2013 of the European Parliament and of the Council of 17 April 2013 on guidelines for trans-European energy infrastructure – [online event, invitation](#) and [report](#).
- 27 June 2023**
Public Consultation in Slovak language in compliance with the Regulation (EU) No. 347/2013 of the European Parliament and of the Council of 17 April 2013 on guidelines for trans-European energy infrastructure – [online event, invitation](#) and [report](#).
- 5 May 2021**
Public Consultation in compliance with the Regulation (EU) No. 347/2013 of the European Parliament and of the Council of 17 April 2013 on guidelines for trans-European energy infrastructure – [online event, invitation](#) and [report](#).
- 9 July 2025**
Public Consultation in Hungarian language in compliance with the Regulation (EU) No. 2022/869 of the European Parliament and of the Council of 30 May 2022 on guidelines for trans-European energy infrastructure. – [online event, invitation](#)
- 22 June 2021**
Public Consultation in compliance with the Regulation (EU) No. 347/2013 of the European Parliament and of the Council of 17 April 2013 on guidelines for trans-European energy infrastructure – [online event, invitation](#) and [report](#).
- 29 June 2022**
Public Consultation in Slovak language in compliance with the Regulation (EU) No. 347/2013 of the European Parliament and of the Council of 17 April 2013 on guidelines for trans-European energy infrastructure – [online event, invitation](#) and [report](#).

Events

- 17 June 2025**
Public Consultation in Slovak language in compliance with the Regulation (EU) No. 2022/869 of the European Parliament and of the Council of 30 May 2022 on guidelines for trans-European energy infrastructure – [online event, invitation](#)
- 09 July 2025**
Public Consultation in Hungarian language in compliance with the Regulation (EU) No. 2022/869 of the European Parliament and of the Council of 30 May 2022 on guidelines for trans-European energy infrastructure. – [online event, invitation](#)
- PCI Days 2025:** Participation in the annual EU PCI Day to present cross-border energy infrastructure initiatives.

Annex B.3 – Lists of questions and answers from Hungarian Public Consultation

1. Will this development involve power outages or other inconveniences?

Power outages during the implementation phase will only occur as a last resort, when there is no alternative method or activity to prevent them. The connection of new network sections is primarily carried out under live-line working conditions (without interruption to supply).

2. Will tree cutting be necessary? If so, how will E.ON compensate for this?

When designing HV and MV networks, we always aim to minimize tree cutting during the planning phase by choosing appropriate routes. Wherever possible, new lines are placed within the security zones of existing lines. If tree cutting is unavoidable, reforestation is carried out in accordance with regulations, meaning that the same number of trees cut down will be replanted.

3. I installed solar power system at home, but after connection E.ON said I have to wait 13 months before feeding electricity into the grid due to a blocked circuit and voltage problems. Will this project help resolve this issue?

The intervention sites of the project were selected based on regional and strategic priorities. This means the developments either directly and indirectly support the creation of new grid capacity and more stable supply. On the low-voltage level—where HMKE systems connect—specific local investments are often needed to remove such restrictions. However, developments under the Danube InGrid program, such as sensors and substations, create the conditions for such local improvements. With the sensors, we gain more data about voltage conditions, allowing more precise interventions. Substations help ensure more stable voltage and new capacities in the region, potentially leading to the resolution of such local restrictions.

4. How will this affect electricity prices in the long term? Can we expect an increase?

The project will not directly lead to an increase in electricity prices. On the contrary, a modern and efficiently operated network can reduce system costs in the long term, improve supply security, and support decentralized energy production—key factors for price stability in the future.

5. What would be the impact if this program were not implemented? What would users experience?

Without this development, the grid would not be able to keep up with growing energy demands, leading to more frequent voltage fluctuations, slower connection of solar systems, and delays in launching new economic projects. Eventually, customers would feel these impacts. The goal of the Danube InGrid program is to prevent such issues and build a network today that is ready to meet future challenges—reliable, flexible, and capable of integrating green energy.

6. Why aren't underground cables being installed, given they are more aesthetic and less environmentally intrusive?

In protected areas, underground cables often cause more environmental harm to vegetation and caves, as their installation requires a 1-meter wide and 1.5-meter deep trench along the entire route. Excavated soil is placed in a 2-meter wide strip on one side, while machinery compresses the soil in a 2.5–3-meter wide area on the other side, affecting a total width of about 6 meters. In contrast, overhead lines require 8x8 meter foundations every 300–400 meters. In karst areas with many caves, underground cables can cause more damage and are only used in special cases. In rocky terrain, cable laying often requires blasting, causing significant environmental damage. Depending on soil quality, even larger trenches may be needed for adequate cooling, increasing the environmental impact further.

7. Why are interventions only made on high and medium voltage networks? Isn't low voltage—the level at which consumers connect—the most important? Don't you see it that way?



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(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

The stability of the low-voltage grid heavily depends on the condition of the medium and high-voltage levels. The Danube InGrid program focuses on modernizing the backbone of the grid to create greater stability and more connection opportunities at the lower levels as well. These developments lay the foundation for future low-voltage investments.

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Annex B.4. – Social media post

Danube InGrid HU/SK Project

337 followers

4w • Edited •

Join Us for the Danube InGrid Public Consultation!

We are pleased to invite local stakeholders, municipalities, businesses and citizens to our upcoming Public Consultation, taking place Wednesday as part of the Danube InGrid project.

Date: 09.07.2025 10 am

Location: MS Team

Link: The connection details are included in the invitation below. Please download the invitation to access the link.

This event is a great opportunity to:

- Learn more about the goals and progress of Danube InGrid in Hungary
- Discuss upcoming infrastructure developments in your region
- Share your feedback and contribute to shaping a smart energy future

We look forward to seeing you there!

Danube InGrid online Public Consultation invitation - 1 page

Date: 09.07.2025 10 am

Partners:

Supporting member:

E.ON Észak-dunántúli Áramhálózati Zrt., ELMŰ Hálózati Kft. and MVM EMÁSZ Hálózati Kft cordially invites you to the online public consultation of the Danube InGrid project, a Slovak-Hungarian smart grid Project of Curran Invenel co-funded by the European Union.

The programme is one of the largest electricity network development in North-West Transdanubia and Western Slovakia. The Danube InGrid project aims to facilitate the integration of increasing renewable electricity generation into the electricity network through smart technologies, furthermore it guarantees the security of supply and ensures high quality of service.

The series of developments are in a cross-border joint project of E.ON Észak-dunántúli Áramhálózati Zrt., ELMŰ Hálózati Kft., MVM EMÁSZ Hálózati Kft Hungarian distribution companies, the Slovak distribution company Západoslovenská distribučná, a.s. Východoslovenská distribučná, a.s and the Slovak transmission system operator Slovenská elektrizačná prenosová sústava, a.s. within the framework of Slovak-Hungarian cooperation.

Join the online public consultation to find out more about the objectives of the Danube InGrid project and the details of its implementation:

- 10.00 h on 9th July 2025 (presented in Hungarian)

You can follow the discussion in our online live stream at www.danubeingrid.eu by clicking on the **Online public consultation button** or via [this link](#).

We are looking forward to see you on our public consultation!

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Janos Hollentunder and 2 others

Like
 Comment
 Repost

Comment as Danube InGrid HU/SK Project...

(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Annex B.5. – Pictures from the online Hungarian Public Consultation





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(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Annex B.6. – Print screen of full video record of the Hungarian Public Consultation





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(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20 and Action No. 12.3-SK-W-M-24-DanubeInGrid2ndPhase)

Annex B.7 – Invitation

Danube InGrid online nyilvános konzultáció meghívó

Időpont: 2025.07.09. szerda 10 óra

Kivitelezők:







Támogató tag:



Az E.ON Észak-dunántúli Áramhálózati Zrt., az ELMŰ Hálózati Kft. és az MVM ÉMÁSZ Hálózati Kft. tisztelettel meghívja Önt a szlovák-magyar Európai Unió által társfinanszírozott intelligens hálózati Közös Érdeklő Projekt, a Danube InGrid projekt online nyilvános konzultációjára.

A Projekt keretében Közép- és Észak-Kelet Magyarország, Észak-Dunántúl, valamint Szlovákia nyugati régiójának egyik legnagyobb áramhálózati fejlesztése valósul meg. A Danube InGrid projekt célja az egyre növekvő mértékű megújuló alapú villamosenergia-termelés hálózati integrációjának elősegítése intelligens technológiák segítségével, valamint az ellátásbiztonság garantálása és magas színvonalú villamos energia szolgáltatás biztosítása.

A fejlesztés magyar-szlovák együttműködés keretein belül az E.ON Észak-dunántúli Áramhálózati Zrt., az ELMŰ Hálózati Kft., az MVM ÉMÁSZ Hálózati Kft., a Západoslovenská distribučná, a.s. és a Východoslovenská distribučná, a.s. szlovák elosztótársaságok, valamint a Slovenská elektrizačná prenosová sústava, a.s. szlovák átviteli rendszerirányító határon átnyúló együttműködésével jön létre.

A Danube InGrid program célkitűzéseit, megvalósításának részleteit megismerheti a

- **2025. július 9-én 10.00-kor** kezdődő online nyilvános konzultáción magyar nyelven

A beszélgetést online előben követheti a www.danubeingrid.eu honlapon az **Online nyilvános konzultációra** kattintva vagy lépjen be az **alábbi linken**.

Kérjük, amennyiben kérdése van, küldje el azt előzetesen 2025.07.10-ig a honlapon kialakított felületen.

Tisztelettel várjuk a nyilvános konzultációt!

E.ON Észak-dunántúli Áramhálózati Zrt.
ELMŰ Hálózati Kft.
MVM Émász Hálózati Kft.







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(Note: Co-financing by the EU is related to the Action No. 10.7-0008-SKHU-W-M-20)

Danube InGrid online public consultation invitation


Date: 09.07.2025 10 am

Partners:



Supporting member:



E.ON Észak-dunántúli Áramhálózati Zrt., ELMŰ Hálózati Kft. and MVM ÉMÁSZ Hálózati Kft cordially invites you to the online public consultation of the Danube InGrid project, a Slovak-Hungarian smart grid Project of Common Interest co-funded by the European Union.

The programme is one of the largest electricity network development in North-West Transdanubia and Western Slovakia. The Danube InGrid project aims to facilitate the integration of increasing renewable electricity generation into the electricity network through smart technologies, furthermore it guarantees the security of supply and ensures high quality of service.

The series of developments are in a cross-border joint project of E.ON Észak-dunántúli Áramhálózati Zrt., ELMŰ Hálózati Kft., MVM Émász Hálózati Kft Hungarian distribution companies, the Slovak distribution companies Západoslovenská distribučná, a.s., Východoslovenská distribučná, a.s and the Slovak transmission system operator Slovenská elektrizačná prenosová sústava, a.s. within the framework of Slovak-Hungarian cooperation.

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You can follow the discussion in our online live stream at www.danubeingrid.eu by clicking on the **Online public consultation button** or via this [link](#).

We are looking forward to see you on our public consultation!



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