

What is Danube InGrid?

The Danube InGrid (Danube Intelligent Grid) project is a cross-border initiative between Slovakia and Hungary, aimed at modernising the electricity infrastructure with smart technologies.

Danube InGrid is listed on the European Union's list of Projects of Common Interest (PCI). It is a project of **strategic importance** for both Slovakia and the broader European region. The **Slovak government** has also designated it as a **significant investment** that will strengthen electricity supply for residents.

The project is co-funded from a special EU fund called the Connecting Europe Facility (CEF).



What does this project do?



ENSURES GREATER INTEGRATION OF RENEWABLE ENERGY SOURCES
For example, solar or wind power.



DEPLOYS SMART GRIDS
Electricity distribution is managed using digital systems and data.



IMPROVES ELECTRICITY SAFETY AND QUALITY
Fewer outages, quicker repairs.



CONNECTS THE SLOVAK AND HUNGARIAN GRIDS
Cross-border cooperation.

Danube InGrid in Vajnory = the new Vajnory substation

An **electrical substation** is under construction in Vajnory. It will be a place where electricity is **transformed, managed, and redistributed** — to homes, schools, hospitals, shops, and even playgrounds. This substation is part of the **Danube InGrid** project. It will be **one of the most important critical infrastructure points in the Bratislava area**. **Why is it so special?**

Thanks to **smart technologies**, electricity will flow **faster, safer, and without outages**.

More **homes and businesses** can **get connected** — and stay powered.

Reduces faults and improves reliability.
Fewer faults = more light, more fun, and fewer outages!

The substation will be **controlled remotely** by computers via optical cables — no personnel on-site, yet always under expert supervision.

Change in traffic organization on Jurská cesta

SEPARATED TRAFFIC ZONES FOR ROAD USERS

TRAFFIC SIGNS CLEARLY SHOW DESIGNATED AREAS FOR ALL ROAD USERS.
Please follow the signs each time you enter the road! Stay alert and move carefully.

LEFT LANE
Reserved for construction and supply vehicles servicing the site

RIGHT LANE
Reserved for pedestrians and cyclists

CONSTRUCTION SITE

CONSTRUCTION VEHICLES
The new road connection between Rybníčná and Jurská is for construction traffic only.

WE APOLOGIZE
FOR THE TEMPORARY RESTRICTIONS DUE TO THE CONSTRUCTION OF THE VAJNORY SUBSTATION. THIS PROJECT WILL ENSURE A MORE STABLE AND RELIABLE ENERGY SUPPLY FOR YOUR REGION.

CONSTRUCTION VEHICLES

CYCLISTS AND PEDESTRIANS

VAJNORY

WE APOLOGIZE FOR THE TEMPORARY RESTRICTION CAUSED BY THE CONSTRUCTION OF THE VAJNORY POWER SUBSTATION.

Advice and tips for getting around Jurská cesta



Need help?
Call these important numbers!

112 European emergency number

150 Fire and rescue

155 Emergency medical service

158 Police

159 Municipal police

Project implementers in Slovakia:



www.danubeingrid.eu



Co-financed by the European Union

The content of this publication is the sole responsibility of Slovenská elektrizačná prenosová sústava, a.s. and Západoslovenská distribučná, a.s., and does not necessarily reflect the views of the European Union.