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.

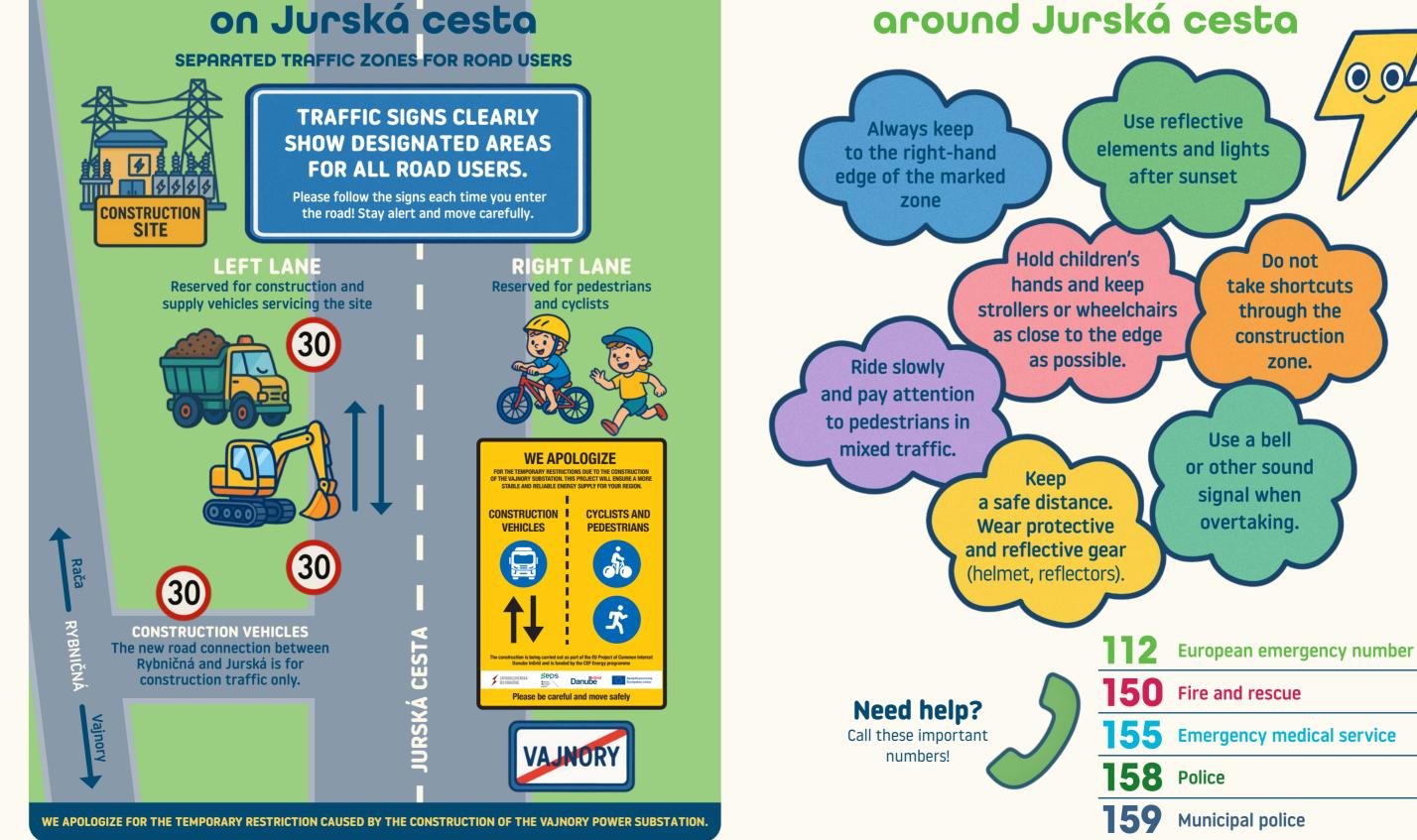
Danube InGrid in Vajnory = the new Vajnory substation

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 supervison.

Change in traffic organization

Advice and tips for getting



Project implementers in Slovakia:





www.danubeingrid.eu



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