

Candidate Project of Common Interest HU | SK

General information

The purpose of Danube InGrid project is to strengthen interaction and integration between Slovak and Hungarian electricity markets. The Project will adopt smart grid technologies both internally and on cross border level for the evolvement of modern energy infrastructure. It will efficiently integrate the behaviour and actions of all market users connected to the electricity network, mainly consumers, prosumers, generators with the goal of integration of large amounts of electricity from renewable and/or distributed energy sources.



Project benefits

The main benefit is to provide better and more economically efficient delivery of services for the strategic industrial areas and final consumers of both countries. The project will improve quality of electricity supply, security of supply, connection of new renewable energy sources, network connectivity for all users and reduction of negative environmental impact.

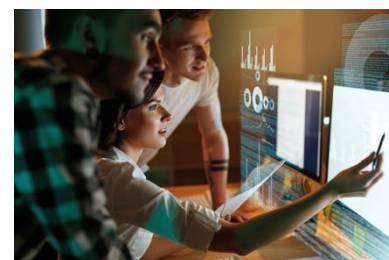
Project impacts

The Danube InGrid project is an aspirant for Project of common interest issued by EC. The aim of the cooperation between **Západoslovenská distribučná a.s.** and **E.ON Észak-dunántúli Áramhálózati Zrt.** is to efficiently integrate smart grids across borders of two EU members states and contributes to the upgrade of EU electricity networks and connect them (physically / digitally); in particular to integrate and increase the penetration of renewable energy in the area. The environmental improvement that arise from the project is an integral part of the project.



Project Streams

The Danube InGrid project contains several streams of smart grid applications that are essential for function of the project at the end, mainly smart applications related to safety issues, smartening of substations (sensors, information devices, applications), modernization of the grid caused by integration of RES, e-mobility etc., smart metering, communication devices such as optical fibers and IT support devices.



Project value

Estimated project value:
€ 296 million

Estimated time of realization:
2020 - 2027



Project partners

 **ZÁPADOSLOVENSKÁ
DISTRIBUČNÁ**
Západoslovenská
distribučná, a.s.

 **Hálózat**
E.ON Észak-dunántúli
Áramhálózati Zrt.


Slovenská elektrizačná
prenosová sústava, a. s.


Magyar Villamosenergia-ipari
Átviteli Rendszerirányító Zrt.