## Project Impact

The STRIDE project is aligned with the Danube Transnational Programme's Priority Axis 3 – *Better connected and energy responsible Danube region*, and will directly contribute to the programme Specific objective 3.2 – *Improve energy security and energy efficiency*. The main results of the STRIDE project are developed and integrated Smart Grid strategies with action plans at a local/regional level in collaboration of participating Danube regions.

**Project Budget:** € 1,061,969.77
**ERDF Contribution:** € 834,497.49
**IPA Contribution:** € 68,176.80
**ENI Contribution:** € 0

**Contact Information**
Tea Potočnik
STRIDE Project Lead Partner
tea.potocnik@lea-ptuj.si

Roman Kekec
STRIDE Project Lead Partner
roman.kekec@lea-ptuj.si

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## The STRIDE partnership

The international STRIDE consortium is well-balanced with competent partners, including energy agencies, R&D organisations, energy clusters, a university and policy makers:

- Local Energy Agency Spodnje Podravje (Slovenia)
- European Institute for Innovation-Technology (Germany)
- ConPlusUltra (Austria)
- Bay Zoltán Nonprofit Ltd. for Applied Research (Hungary)
- University of Zagreb Faculty of Electrical Engineering and Computing (Croatia)
- Bulgarian Energy and Mining Forum (Bulgaria)
- EGÚ Brno, a.s. (Czech Republic)
- Centre for Energy, Environment and Resources (Bosnia and Herzegovina)

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# Improved energy planning through the Integration of Smart Grid concepts in the Danube Region

# STRIDE PROJECT

**July 2020 – December 2022**

**Danube Transnational Programme**

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## Issues addressed

In recent years, Smart Grids have established a position very high on the European Union's agenda. As the development of new technologies have allowed for more concrete and realistic system solutions in regards to smart grids, Smart Grids increasingly represent the entire future development of the electric power system. Smart Grid concepts cover many areas, from the planning, operation, maintenance of the grid on one side and on the other side, from production, transmission, distribution and end-use.

Although prepared from a technological standpoint to implement Smart Grids, the Danube region is still in the early stages of the actual deployment of smart distribution systems. Local policy change to integrate the Smart Grid concept is essential in the further development of Smart Villages, Smart Cities or Smart Regions.

## STRIDE Project

The STRIDE project, standing for *Improved energy planning through the Integration of Smart Grid concepts in the Danube Region*, is led by the Local Energy Agency Spodnje Podravje - LEASP together with seven project partners and eight associated partners from Slovenia, Germany, Austria, Hungary, Croatia, Bulgaria, Czech Republic and Bosnia and Herzegovina.

Through knowledge transfer and the development of planning tools, the STRIDE project aims to provide a comprehensive support for local/regional policy makers for the improvement of energy planning. Some of the main objectives in this transnational project include regional analyses, developed strategies, action plans and other tools (i.e. methodologies, guidebook, web platform) that will enable and accelerate the integration of Smart Grid concepts into local and regional policies across the Danube region.

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## Long-Term Project Results

The STRIDE methodology for regional analysis, good practice guidebook and web platform will be designed in a way that allows for their application to be rolled out across the Danube region. Replication of the STRIDE project shall provide much needed scalability across the Danube region and beyond.


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