



ACON

Cezhraničný projekt inteligentných sietí



Co-financed by the Connecting Europe
Facility of the European Union



acon

ACON PROJECT DESCRIPTION



e.on



**ZÁPADOSLOVENSKÁ
DISTRIBUČNÁ**

The **ACON (Again Connected Networks)** Smart Grids Project of Common Interest refers to the effort that will deepen and facilitate the cross-border cooperation between the Czech Republic and the Slovak Republic at the Distribution system operator (DSO) level.

The project promoters are the Slovak the Czech **DSO E.ON Distribuce** and **DSO Západoslovenská distribučná**. However, the project is supported also by the relevant TSOs; indeed by **ČEPS** in the Czech republic and **Slovenská elektrizačná prenosová sústava** in Slovakia.

ACON PROJECT DESCRIPTION



The main objective of the ACON SG project is to improve the existing power distribution grid primarily in the border areas of both countries concerned, but the project activities will also **impact other parts of project promoters' distribution areas.**

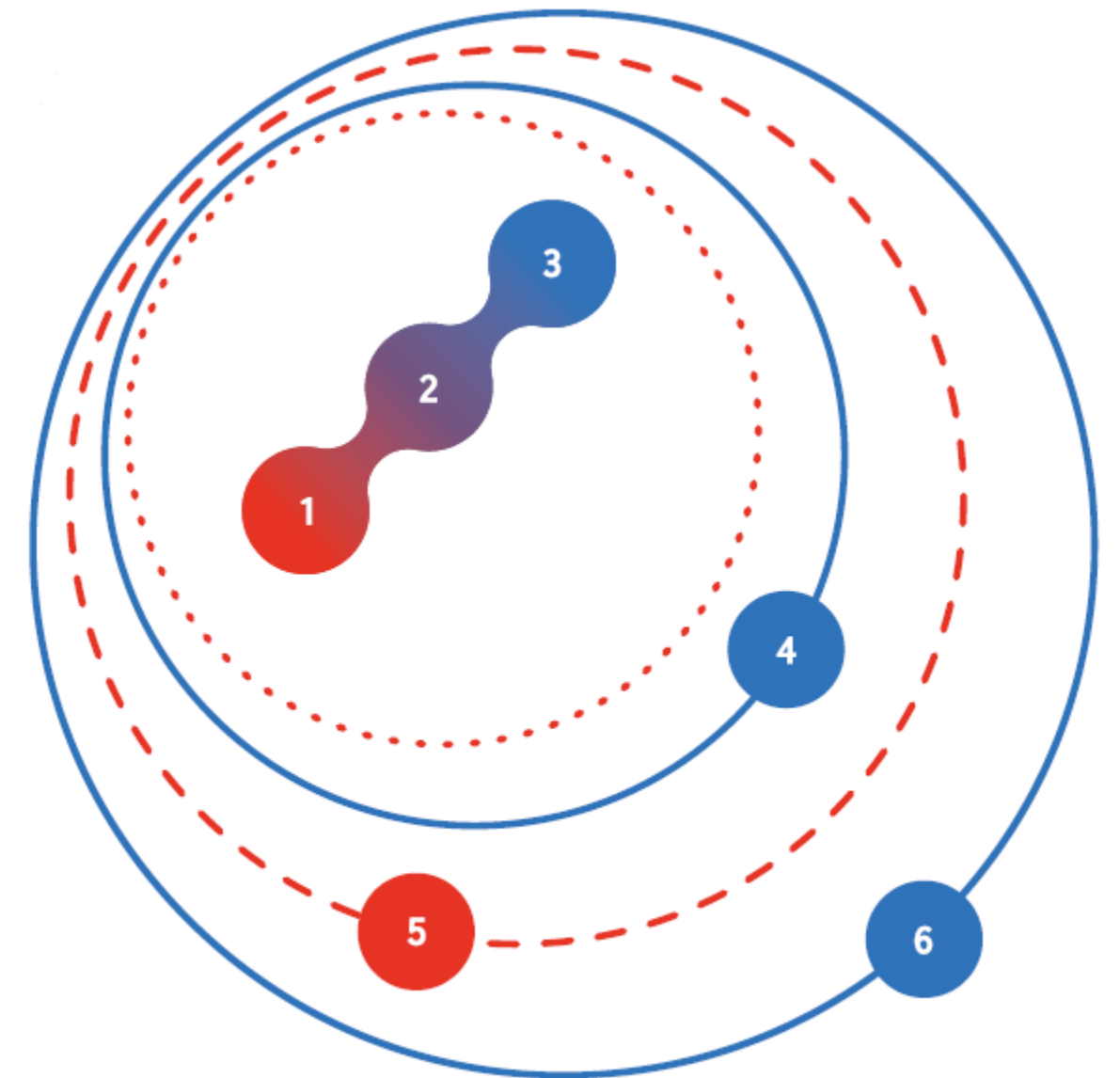
This will create greater capacity for the development and connection of distributed electricity production and adequate space for possible connection of new distribution grid users in the region.

Moreover, the distribution grid will be modernized through implementation of smart elements and new IT framework in order **to create the “smart grid” energy network within the project impact area.**



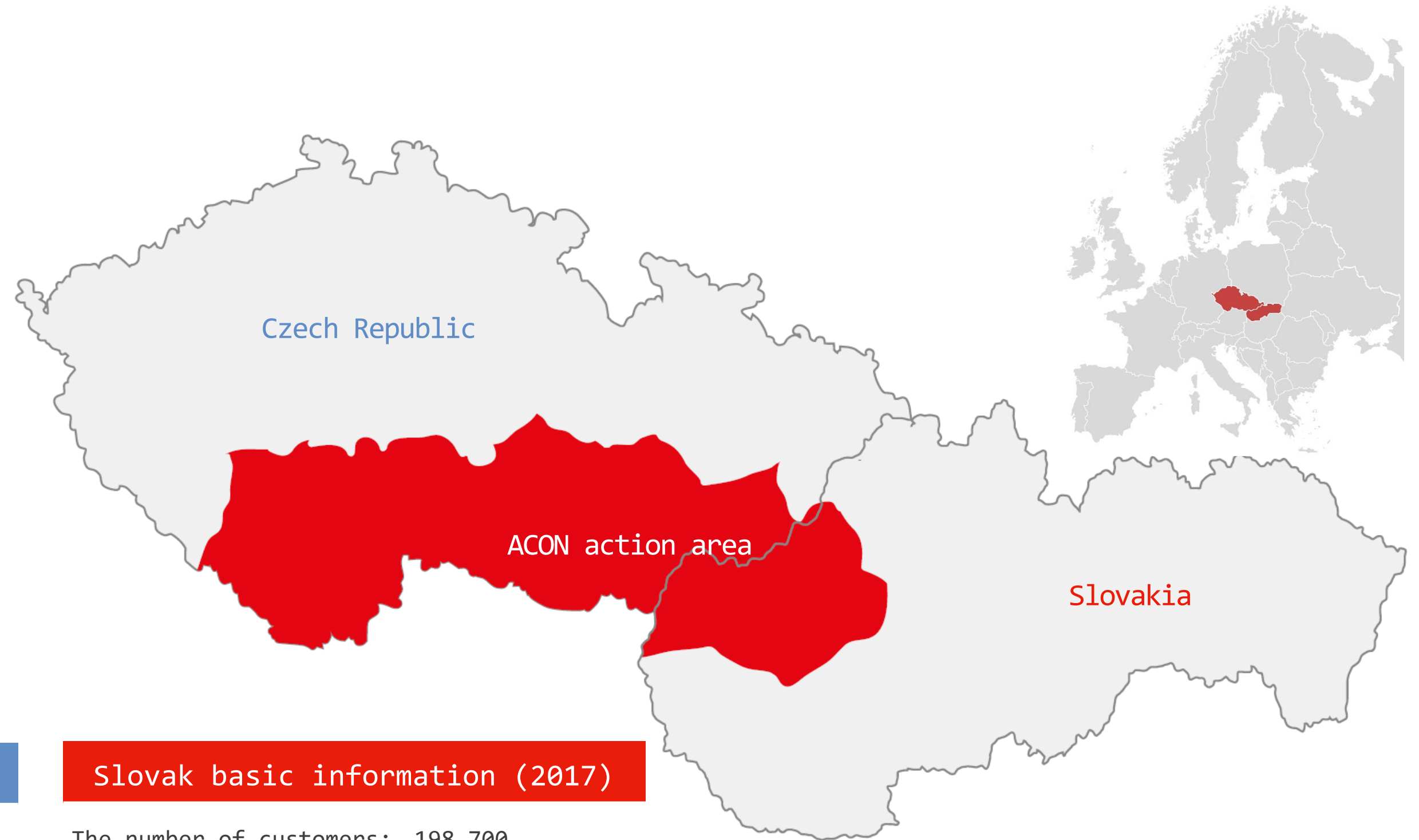
The project consists of 5 major activities:

1. CROSS-BORDER INTERCONNECTION IMPROVEMENT
2. MANAGEMENT OF DISTRIBUTION GRID IN NEW CONDITIONS
3. DISTRIBUTION GRID COMMUNICATION ELEMENTS
4. SMART GRIDS IT SOLUTIONS
5. COMMUNICATION AND DISSEMINATION AND ACTION MANAGEMEN





The map on the right indicates the Project impact area of the **Czech Republic** (E.ON distribuce, a.s.) and impact area of the **Slovak Republic** (Západoslovenská distribučná, a.s.) in Central and Eastern Europe.



Czech basic information (2018)

The number of customers: 1 528 249

Electricity consumption: 13,5 TWh/year

Slovak basic information (2017)

The number of customers: 198 700

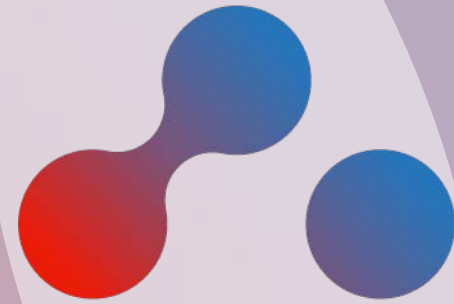
Electricity consumption: 1,7 TWh/year

ACON PROJECT BENEFITS



LOCAL

Better quality of electricity supply, potential for new renewable energy connections
improvement of competitiveness, network connectivity for all users, long-term reduction of negative environmental impact.



GLOBAL

New experiences in the field in area of CEE region, better energy stability, security of supply, wider environmental impacts, intensification of international cooperation, strengthening of physical interconnection between the Slovak and Czech republic.

ACON
PROJECT CEF FUNDING

23 JANUARY 2018

**CONFIRMED FINANCIAL
AID FOR WORK OF ACON
SMART GRID PROJECT.**

RECOMMENDED CEF FUNDING
(2018-2 CEF Energy call)

EUR 182,5 mil.

RECOMMENDED
FUNDING RATE

50 %



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Facility of the European Union





**THANK YOU
FOR YOUR ATTENTION**

ACON SMART GRIDS

www.acon-smartgrids.eu