



Green Switch

**Increasing
controllability
and
strengthening
the power
networks**

Goals

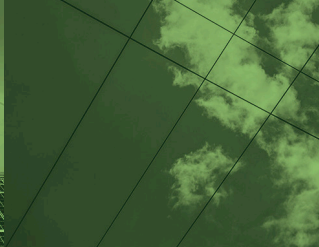
1.

Enable the integration of an increasing quantity of dispersed renewable resources and new loads.



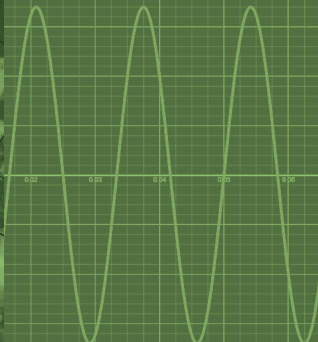
2.

Improve observability of the distribution network.



3.

Improve supply quality.



4.

Make optimal use of the infrastructure.



Expected impacts



Increased controllability of the transmission grid.



Increased hosting capacity of the existing network.



Increased cross-border capacity.

up to 10%

Lower peak demand using flexibility sources.

up to 6 GWh

Heat production from at least 11 power transformers per year.



Better utilization of existing MV/LV transformers.



Grid connection for heavy duty and fast charging stations.

Consortium

Austria

KNG-Kärnten Netz GmbH

Slovenia

ELES, d.o.o.

Elektro Ljubljana d.d.

Elektro Gorenjska, podjetje za distribucijo električne energije, d.d.

Elektro Celje, podjetje za distribucijo električne energije, d.d.

Croatia

Hrvatski operator prijenosnog sustava d.o.o.

HEP Operator distribucijskog sustava d.o.o.

