


# Deployment of energy communities & prosumers


## SOLUTION PACKAGE 2

ASCEND is driving the deployment and replication of energy communities, ensuring the creation of appropriate legal entities, new services, and innovative business models. The Lighthouse and Multiplier cities are demonstrating the transformative potential of energy communities and prosumers in advancing clean energy transitions.



### MUNICH


  
**750 kWp**  
PV system output


  
**60**  
tenant electricity systems

  
**25**  
housing companies



### LYON

  
**200 kWh**  
battery systems


  
**150**  
solar-powered residential homes

  
**3€**  
monthly fee for 50 residents



### PORTO

  
**1st**  
municipal energy community

  
**26 %**  
reduction in grid demand

  
**3**  
schools received a REC license



### CHARLEROI

  
legal framework established

  
local energy community being launched

  
exploring new energy sources



### PRAGUE

  
**550**  
residential units conceptualized

  
new legislation enacted

  
integration of LDN solutions



### BUDAPEST

  
PCED identified


  
stakeholder mapping


  
assessment of REC scenarios



### ALBA IULIA

  
**3**  
buildings with PV systems

  
**133 kWp**  
PV system output

  
**42 kWp**  
planned expansion of the PV system output

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