



### City-led Support for Renewable Energy and Energy Sharing in Prague

Enabler

#### Prague Renewable Energy Community

Prague Renewable Energy Community (PSOE) was an initiative founded by the City of Prague in 2021 to accelerate the development of renewable energy and make clean electricity more accessible for both municipal organisations and citizens. PSOE provided comprehensive support for the preparation, implementation, and long-term operation of renewable energy projects, especially photovoltaic systems installed on public and private buildings.

PSOE ensured the full project cycle, from technical and financial planning to construction and operation, including the supply and sharing of locally produced electricity through the distribution network. In addition, PSOE helped deliver energy-saving projects on city buildings, including RES installations, EPC schemes, and other efficiency measures. It assisted members with the preparation of high-quality documentation such as feasibility studies and grant applications, while reducing transaction costs and administrative burdens.

PSOE had its own electricity market licence, managed energy market participation centrally, i.e. households and other members did not need to obtain their own licence to benefit from renewable energy production and sharing.



Prague



Municipal budget  
National grants  
EIB grant ELENA



Energy  
Community

2021 - 2024



Total CAPEX  
3,500,000 €

Annual OPEX  
800,000 €



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### Challenges

- **Technical:** Market capacities and technical readiness were limited.
- **Administrative:** PSOE was among the first initiatives to enable energy sharing on the market. However, it was difficult to clearly define the energy sharing model and transfer it to other departments within the city administration.
- **Political:** Long-term and stable political support was needed.



### Solutions Found

- **Technical + Regulatory:** First, a public tender was used to select several qualified companies under a framework agreement. Then, whenever an installation package was needed, these companies competed against each other for that specific package.
- **Political:** Communication across municipal departments needs to be well established, however political barriers can arise after elections, when newly elected coalitions shift policy priorities.

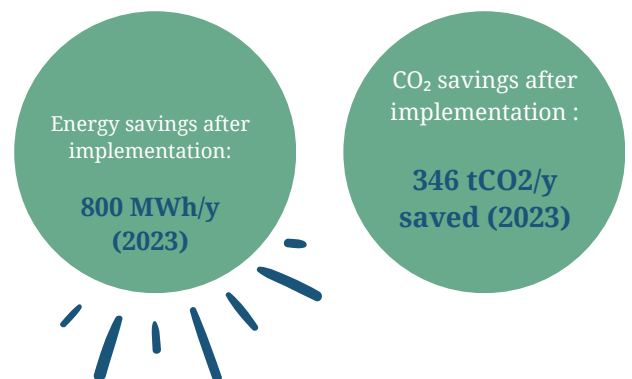


### Successes for Replicability

- **Municipal organisation** responsible and managing the whole process.
- **Municipality adds motivational factor** thanks to its independence and added value of services for citizens.
- **Use of external financing** sources (Modernisation Fund, New Green Savings Programme, ELENA).



### Final Results



### Contact Info



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