

Photovoltaic plants and tenant electricity

Short description

- Great potential on the roofs of the buildings to install PV
- Increase renewable energy production directly in the city
- Analyse different business models to use PV plants
- Install PV plants to increase renewable energy
- Install and test a storage to optimise the self-consumption



Key results during the project lifecycle

- Installation of PV plants
- Analysis of different business models
- 2.5 MWp new installed PV plants since project started
- 2 main parts in the demo district
- 2 PV plants produce directly into public grid
- 1 PV plant (+storage) as self-consumption
- Optimisation of self-consumption



Insights and learnings

- Different analyses of business models and options to use PV plants
- Focus on easy solutions to install and use PV plants and renewable energies

Challenges

- No possible option for "Mieterstrom"
- "Mieterstrom" is too hard to handle
- Explore new ways to create an alternative business model
- Fast changing regulations

Plans for replication

- Rollout PV plant installation
- Per year 1 MWp new PV plants
- Focus on an easy business model
- 2.5 MWp new installed PV plants since start of the project



Questions and comments from partners

Comments to be added during poster session at Consortium meeting in Leipzig

DEMO DISTRICT

Leipzig West (Dunckerviertel)

PARTNERS INVOLVED



COMPLETION DATE

08/2022

KEY NUMBERS

3 PV plants
1 storage
72 kWp
69 MWh per year
1 object with 100% self consumption

CO₂ REDUCTION POTENTIAL

30t CO₂ per year

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