



RISE



Project Idea / Expertise

RISE transforms industrial PV from isolated assets into a shared, resilient energy system—reducing strain on the grid, unlocking value across complementary demand profiles, and strengthening energy independence for European industry

Organization name, town and country

CEMTEC – Hydrogen Valley, Hobro, Denmark

Addressed topic(s)/area(s)

HORIZON-CL5-2027-07-D3-17: PV-based Electrification of the Economy
Scope 2: PV participation in electricity markets



CEMTEC – Hydrogen Valley



- Non profit SME located in Denmark
- Project enablers and knowledge brokers
- Experienced in project coordination, communication, dissemination and exploitation
- Participated and coordinated 30+ funded projects - both national and EU
 - CONVEY, LIHYP, P2MET, Grønn Jyllandskoridor, GREENCEM, HEAVENN, DGPS, GPGN



Project idea

Co-invest in local EMS, energy storage and have single point of connection to limit overall strain on the grid and make a positive business case for rooftop-PV and industrial integration

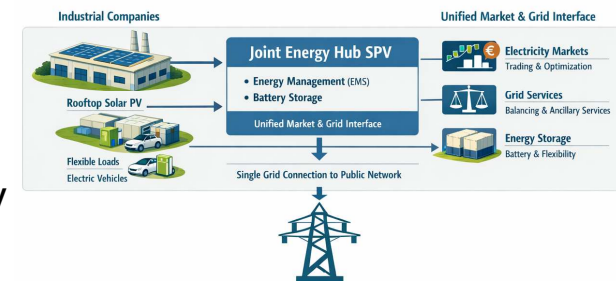


Problem statement

As renewable energy grows, electricity becomes cheaper during production hours, creating a paradox where more green power leads to weaker investment signals.

Project potential

- Making industrial PV financially viable
- Reducing strain on the collective electricity grid
- Unlocking value from complementary load profiles
- Enhancing energy independence and security for industry
- Enabling flexibility-driven energy markets
- Accelerating industrial electrification
- High replication potential across Europe





Competences / type of partners sought

- Energy simulation (Knowledge center or SME)
- System design and integration (SME)
- EMS (SME)
- Regulatory (Knowledge center)
- Business organizing (Knowledge center or SME)





Contact details



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