



PASCH

MARKET SEGMENTS

Green Mobility

District Heating Grid

Industry

Municipality

A

BOOTH NO.

A11 Pasch · Spain

Product: COFAST

Combined heat and power EV fast charging station

THE NEED. Availability of recharging stations is necessary for the functioning of EV and consumer acceptance. However, installation and operation costs of fast charging stations can be very high in congested (urban) or weak (rural) networks.

THE SOLUTION. Fast charging stations based on CHP technology reduce grid-dependence in an energy-efficient solution. Technology enables CAPEX and OPEX reduction where the grid extension or grid reinforcement is expensive and there is a demand for thermal energy. A competitive solution that reduces CO₂ emissions.

KEY FEATURES.

- Energy efficiency.
- Compact, plug and play solution.
- Decentralised generation / transmission loss reduction.
- EV fast charger station.
- No need for grid reinforcement.
- Optional electricity storage system to optimise the operation.

VALUE PROPOSITION.

- Decreases the autonomy concerns of EV drivers.
- Delivers environmentally-friendly and energy efficient fast charging stations with low grid impact costs.
- Guaranteed power supply, high availability station.
- High energy efficiency, energy saving and CO₂ emissions reduction.
- Increases power system reliability by reducing congestion on the distribution network.

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THE TEAM

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STRATEGIC PARTNERSHIPS/ CUSTOMER REFERENCES

Tub Verd (MESSA)

Gas Natural Fenosa

✓ **COMMERCIALISED**