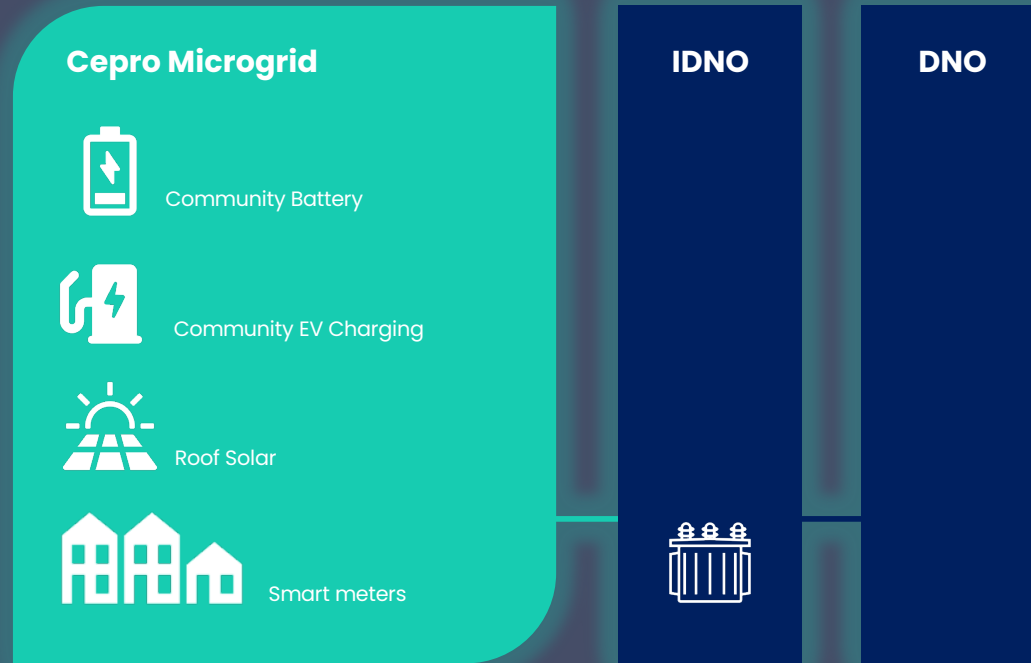


Microgrids

Net zero homes. Powered by clean energy. From a secure supply. At lower cost

Cepro works with housebuilders to design, develop and deliver funded net zero microgrids, to affordably decarbonise new housing communities. Through the use of battery technology and optimisation, we also help unlock constrained grids, which in turn helps to reduce development lead times for housebuilders.

- The microgrid is connected to the main grid at the substation
- A community energy company (CESCo) owns and operates the microgrid network between the substation and the houses
- Each house has roof solar, which feeds electricity into the microgrid
- The battery balances the grid, eases constraints and supplies power to the homes
- Each home has smart controls/metering and they receive discounted power
- There is community EV charging



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Cepro is the only company in the UK to have developed, financed, built, and now have operating, multiple full scale residential microgrids



Bridport Micro Grid

Hazelmead, Bridport

54 homes, 210 kWp Solar, 1.6MWh Battery, Car Club & EV Charging. Completing 2023.



Water Lilies, Bristol

33 homes, 115 kWp Solar, 444 kWh Battery, Community EV Charging. Completed 2023.