

Syzygy

Commercial Properties and Energy: Case Studies of Decentralised Solutions



Syzygy's approach to Decarbonising Commercial Property

Consultancy

Development

Delivery

Asset
Management

Commercialisation
Decarbonisation
Resilience
Yield compression
Value Increase



RENEWABLES



OPTIMISATION &
RETURN ON CAPITAL



EV
CHARGING



ENERGY
STORAGE



DECARBONISATION



ASSET
MANAGEMENT



The Energy Market Transition – some of the challenges facing Commercial Property

Growth in the Demand for Electricity

Growing Grid Constraints

Electricity Pricing increasingly linked to Time of Day

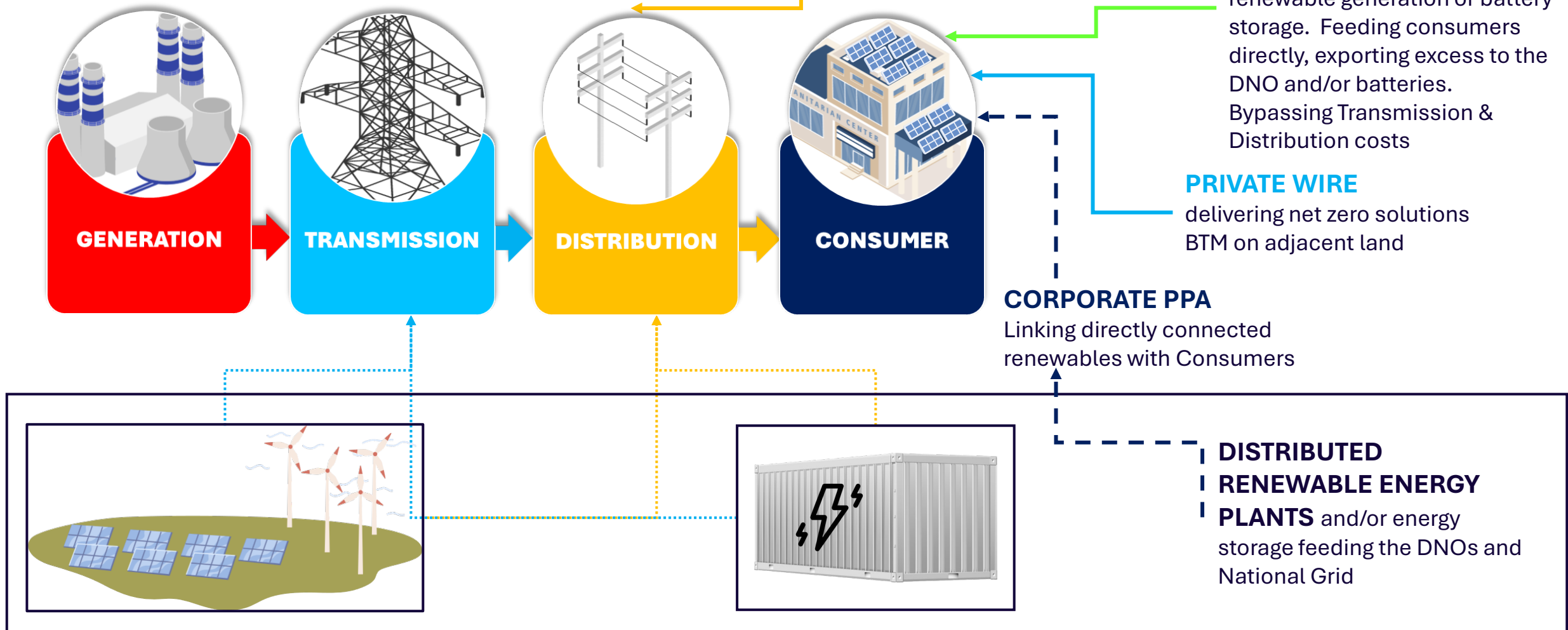
Greater Energy Procurement Provenance

Deeper Energy Retrofits to avoid Stranded Asset Risks

Greater focus on Valuation linked to Climate Change

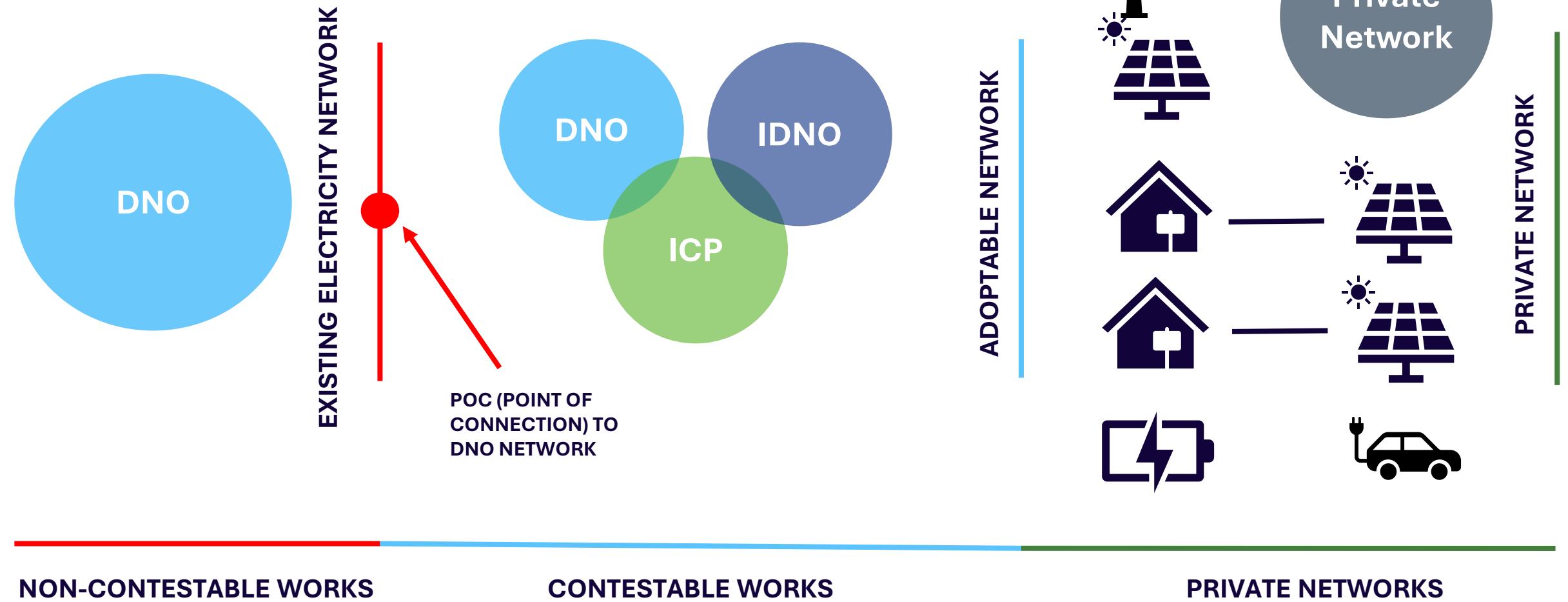


What does the Network look like?



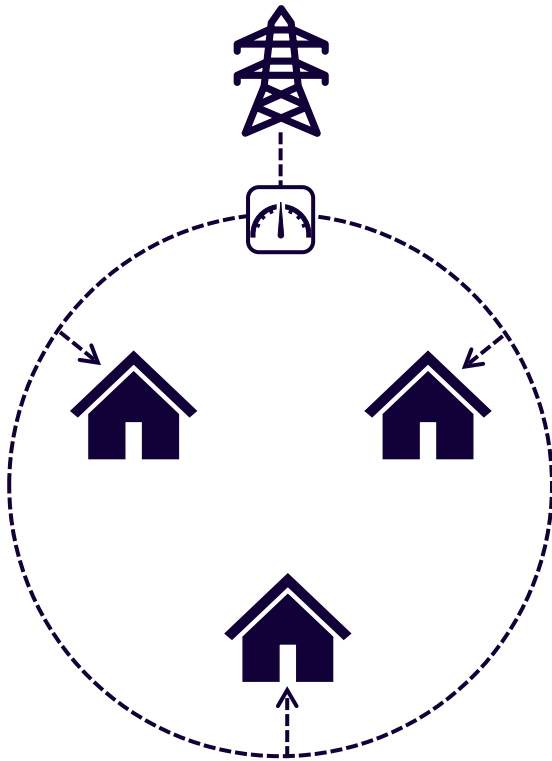


What Network Strategies can be deployed?

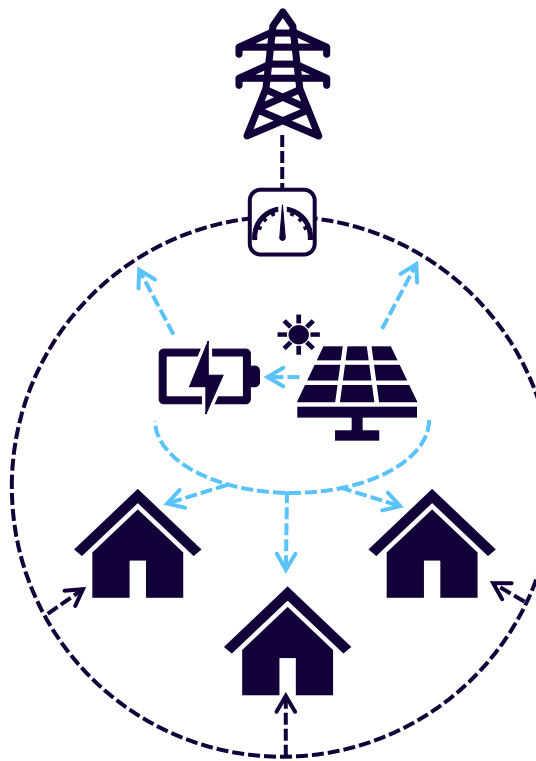




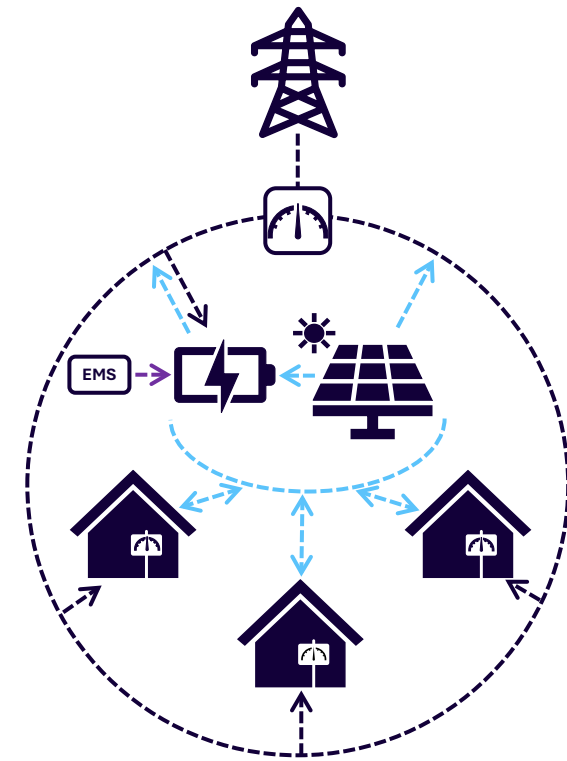
What are the options for the Private Network?



PRIVATE NETWORK



MICROGRID

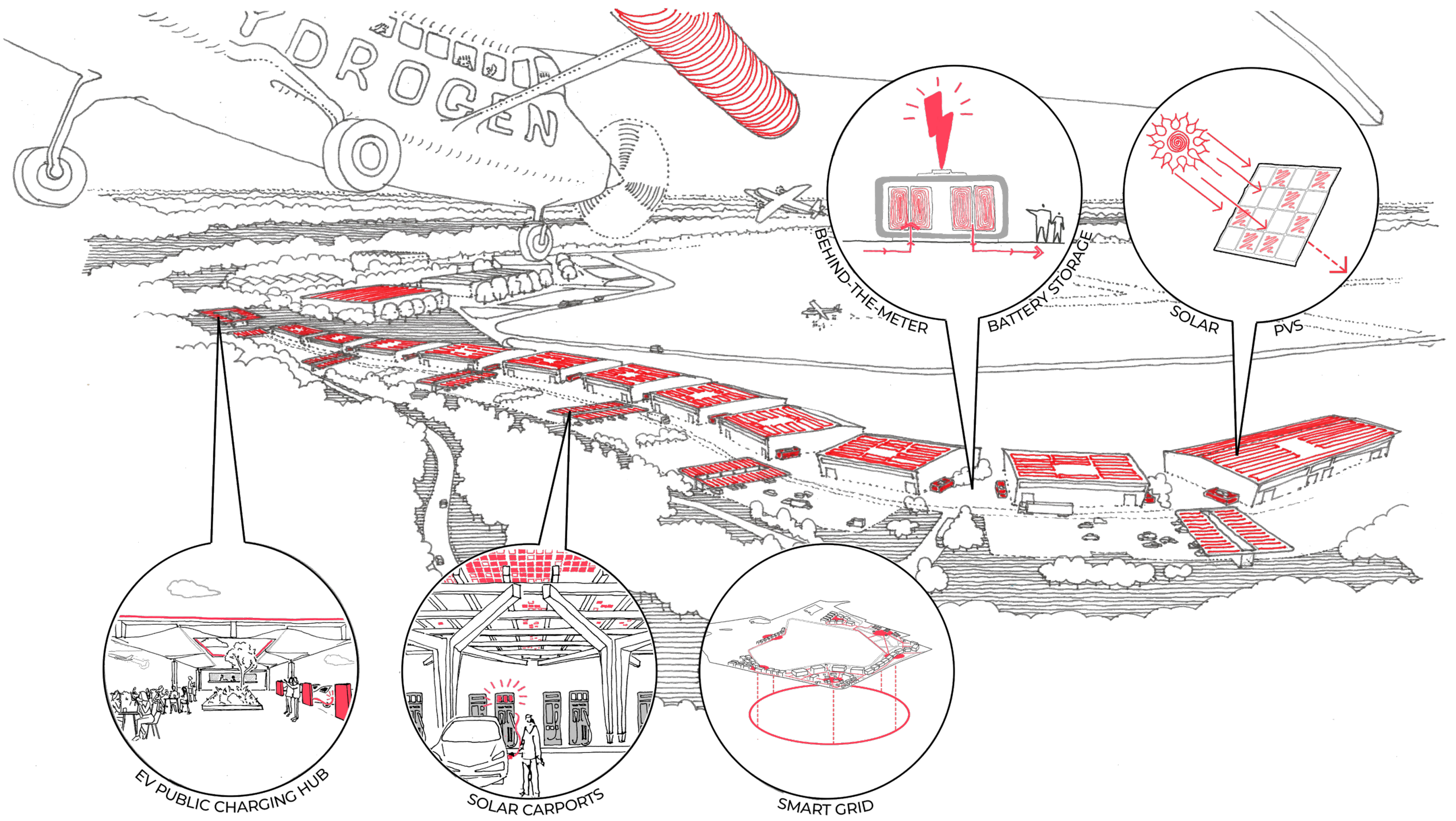


SMART MICROGRID

- Electricity from the grid
- Electricity from the solar panels
- Communications

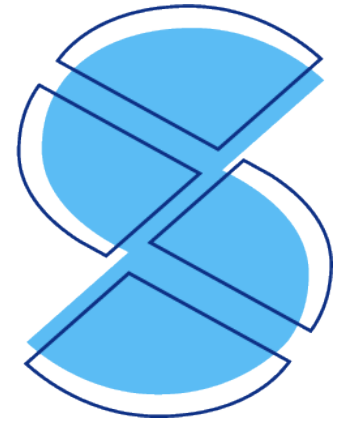
Onsite electricity generation
Battery

Smart meters
Smart ICT
Energy management system





Contact



Richard Palmer

Director, Strategic Consulting
richard@syzygyconsulting.eu
+44 20 8132 4461

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