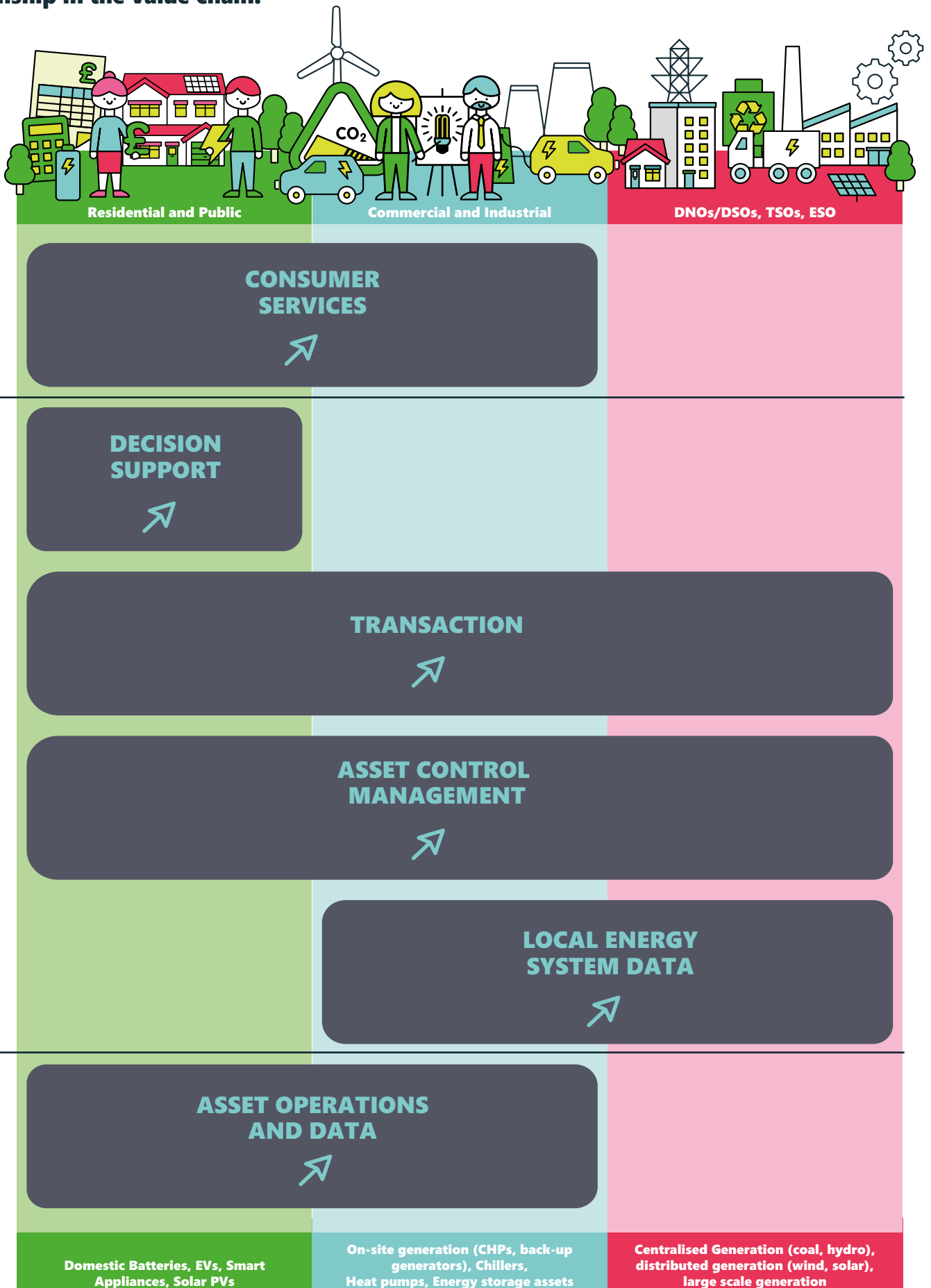
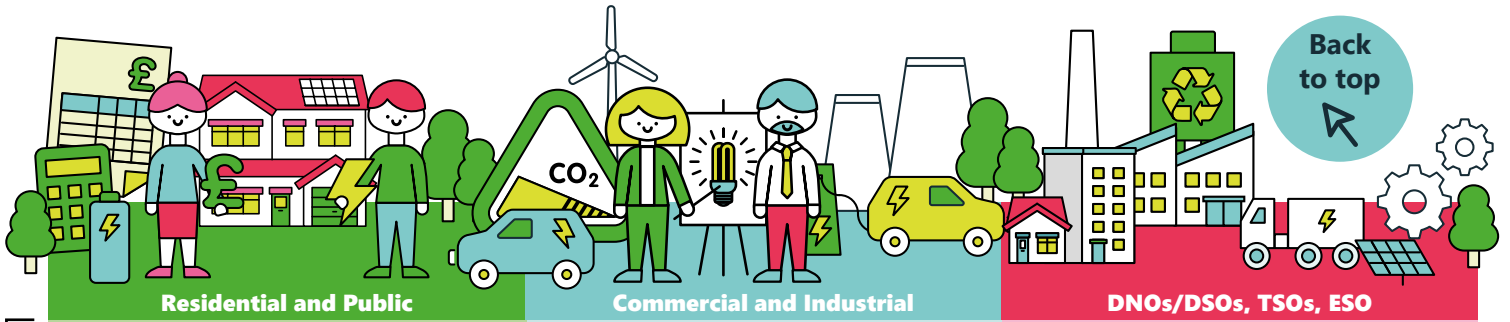


Energy Systems Catapult Digital Landscape

How digital platforms and data services support the operation of the energy system, their function and relationship in the value chain.





Residential and Public

Commercial and Industrial

DNOs/DSOs, TSOs, ESO

Digital utilities

Ecotricity	Tonik Energy	Lumo	EDF Energy
Good Energy	Octopus Energy	E.ON	Centrica
Green Star	Green Energy	Social Energy	
Bulb	Pure Planet	Ovo Energy	

Service providers - financing/efficiency retrofits/DER as a service

Power Star	Minus7	Resilience Energy	Connected Energy
Hwenergy	On5	Evergreen Energy	
Pure World Energy	Energy Trading Ireland		
Become Energy	redT		

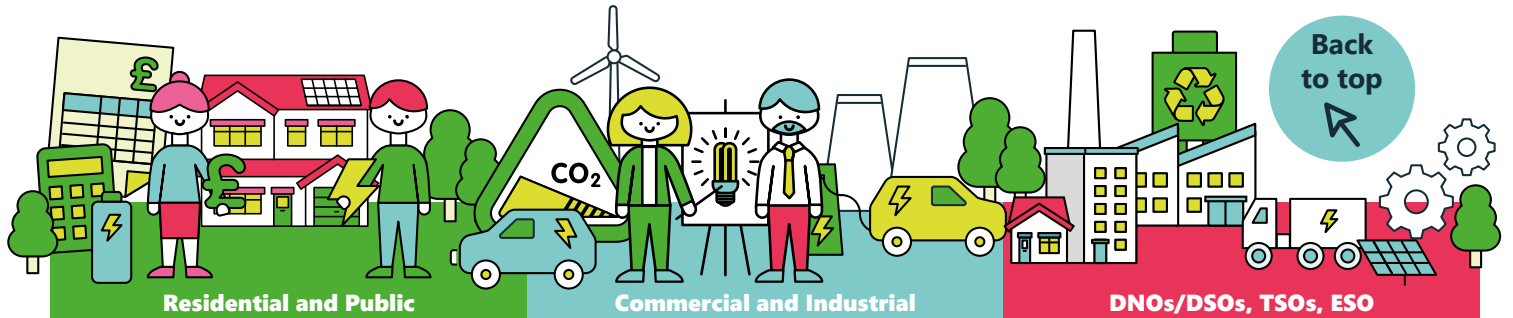
EV car sharing and pooling

DriveNow	ZipCar	E-Car Club
BlueCity	Co-Wheels	

Charging point platforms

ZapMap	ChargePlace Scotland	E-carni	The New Motion
ChargePoint Services	National Chargepoint Registry	Greener Scotland	
ChargePoint		PlugSurfing	
Plugshare		Open Charge Map	

Services



Residential and Public

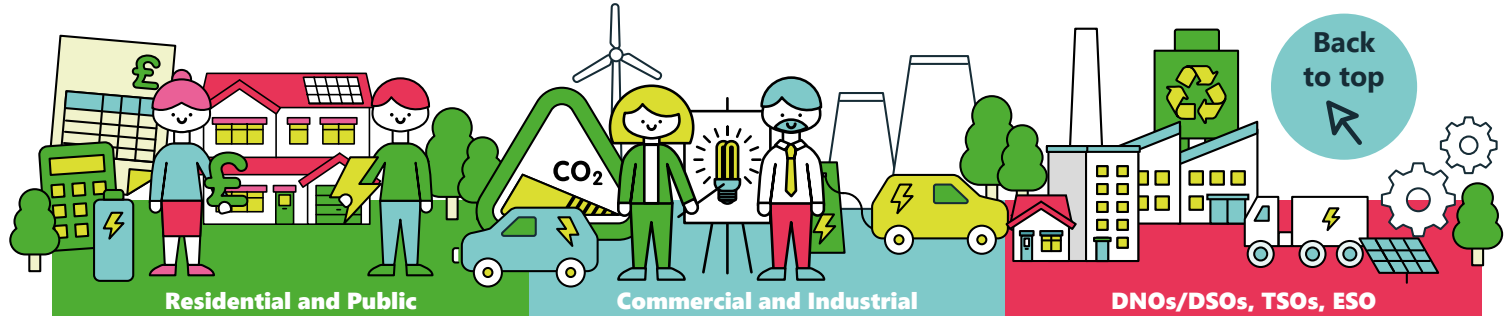
Commercial and Industrial

DNOs/DSOs, TSOs, ESO

Digital Platforms

Energy price comparison services

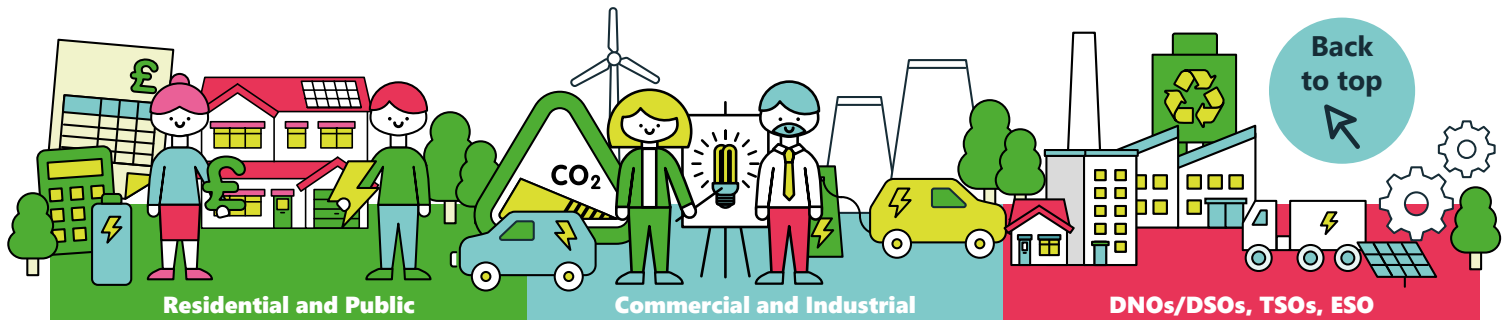
- [Flipper](#)
- [Weflip](#)
- [Migrate](#)
- [Look After My Bills](#)
- [Switchcraft](#)
- [Switchd](#)



Digital Platforms

P2P Energy Trading		
Open Energi	Levelise	Lo3Energy
Verv	8lectric	Urbanchain
Moixa	Electron	Solo Energy

Wholesale trading		
Open Energi	Epex Spot	Energy Trading Ireland
Piclo	Nodes	Grid Beyond
KiWi Power	Limejump	Reactive Technologies
Trayport	UrbanChain	Smartest Energy
Utiligroup	(blockchain-based)	



Residential and Public

Commercial and Industrial

DNOs/DSOs, TSOs, ESO

Smart energy management systems and asset monitoring

- [PassivSystems](#)
- [GridDuck](#)
- [Verv](#)
- [Netatmo](#)
- [Open Energi](#)
- [Schneider Electric](#)
- [Advizzo](#)
- [Grid Edge](#)
- [Moixa](#)
- [Powervault](#)
- [SIG](#)
- [Sunamp](#)

- [Fabriq](#)
- [enModus](#)
- [Lightfi](#)
- [Htip](#)
- [Vestemi](#)
- [Chameleon Technology](#)
- [Entrust Microgrid](#)
- [Smappee](#)
- [Switchee](#)
- [Geo Together](#)
- [VPS](#)
- [Lean Heat](#)

Predictive maintenance, protection, monitoring, and balancing

- | | |
|---------------------------------------|--|
| E.ON | Powerline Technologies |
| Neuville Grid Data | Energy Trading Ireland |
| Synaptec | EA Technology |
| Reactive Technologies | Grid Beyond |
| FaradayGrid | Smartest Energy |
| Fault Current | Open Energi |
| GridKey | Tempus Energy |
| | PeakGen |

Vehicle to Grid/Vehicle to Home (V2G/V2H)

- | | | | | |
|--------------------------------|-------------------------------|--------------------------------|---------------------------|----------------------------|
| Ovo Energy | Moixa | Ubitricity | ev.energy | Green Lots |
| Drive Electric | Upside Energy | Octopus Energy | | |
| Crowd Charge | Solo Energy | Nuvve | | |

Virtual Power Plant (VPP) and Load Management (shifting/shedding)

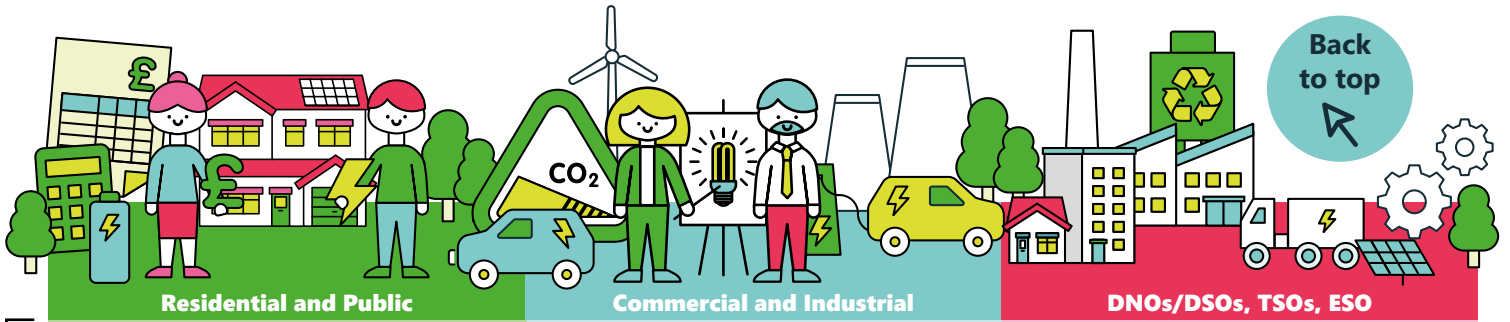
- | | | | | |
|-----------------------------|--------------------------|----------------------------|-----------------------------|-------------------------------|
| Levelise | Sonnen | Powervault | Powerstar | Social Energy |
| Evergreen | Nodes | Statkraft | Lean Heat | EDF Energy |
| Smart Power | Omnetric | Ecotricity | Solo Energy | |
| Moixa | | | | |

Commercial Aggregators

- | | | | | |
|------------------------------------|------------------------------|---------------------------------------|----------------------------------|----------------------------------|
| Actility | E.ON | Origami Energy | VPS | Commercial Power |
| Ameresco | Flexitricity | Pearlstone Energy | UK Power Reserve | GridBeyond |
| Centrica | Engie | Reactive Technologies | Upside Energy | OVO Energy |
| EDF Energy | KiWi Power | REstore | Tempus Energy | |
| Schneider Electric | Limejump | | | |
| Enel X UK | Npower | | | |
| | Open Energi | | | |

Chargepoint operators

- | | | | | |
|---------------------------------|-----------------------------|-----------------------------|----------------------------|----------------------------|
| Engenie | Genie Point | Tesla | Alfa Power | LiFe |
| Electric Blue | Source | Shell | Recharge | NewMotion |
| Instavolt | London | Recharge | Energise | Char.gy |
| Polar | E-carni | Zero Carbon | EV Driver | Grid Serve |
| Charge your car | Pod Point | World | Ecotricity | |
| | ESB EV | Ubitricity | | |



Residential and Public

Commercial and Industrial

DNOs/DSOs, TSOs, ESO

Digital Platforms

Microgrid management

[Smart Power Systems](#)
[Schneider Electric \(EcoStruxure\)](#)
[Siemens \(Spectrum Power\)](#)

[Electron](#)
[Verv](#)
[Moixa](#)
[SIG](#)

[Lo3Energy](#)
[Extreme Low Energy](#)
[Infinite Renewables](#)

Constraint management

[KiWi Power](#)
[Open Energi](#)
[Moixa](#)
[Neuville Grid Data](#)
[Smarter Grid Solutions](#)

[Argand Solutions](#)
[Reactive Technologies](#)
[Powerline Technologies](#)
[Energy Trading Ireland](#)

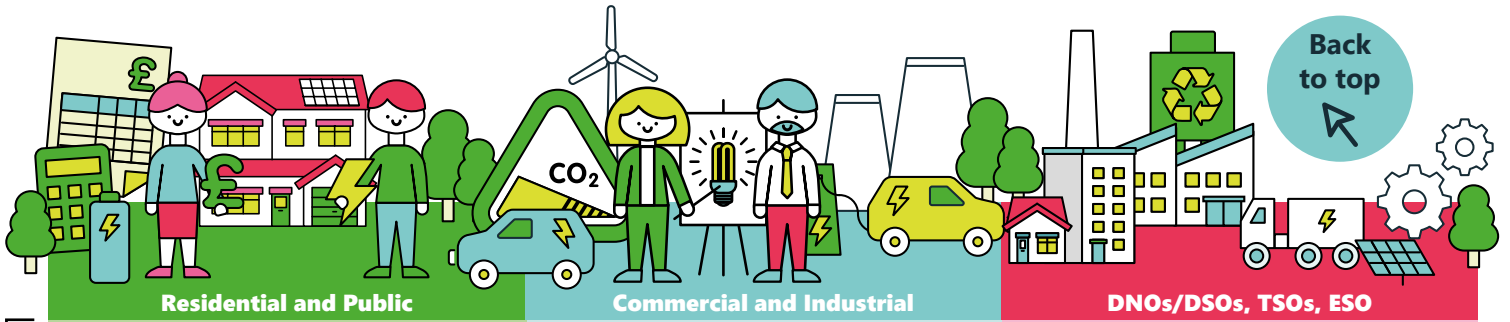
Distributed Energy Resources Management Systems (DERMS)

[Smarter Grid Solutions](#)
[Omnetric](#)
[ZIV Automation](#)

[Tangent Energy Solutions](#)
[Energy Trading Ireland](#)

Asset register systems

[Electron](#)



Residential and Public

Commercial and Industrial

DNOs/DSOs, TSOs, ESO

Smart-meter-data-based services

Energy Assets	Chameleon Technology	Orsis
n3rgy	Electralink	IMServ
Advizzo	Geo Together	J-Teq
Grid Edge	Energy Elephant	Prescience
SMAP Energy	Hildebrand	

Chargepoint manufacturers

Rolec	Chargepoint	EV Chargers Direct
New Motion	ChargePoint Services	Franklin Energy
EVBox	EV Charging Solutions	Garo
APT Controls	CityEV Limited	Keba
Alfen	Clenergy EV	Mennekes
Schneider Electric	Ecosynrg	Nuvve
Pod Point	Ecotap	OpenEnergyMonitor
Ensto	Electric Village	Scame-UK
BP Chargemaster	Eurosec	SmartEv Limited

Assets