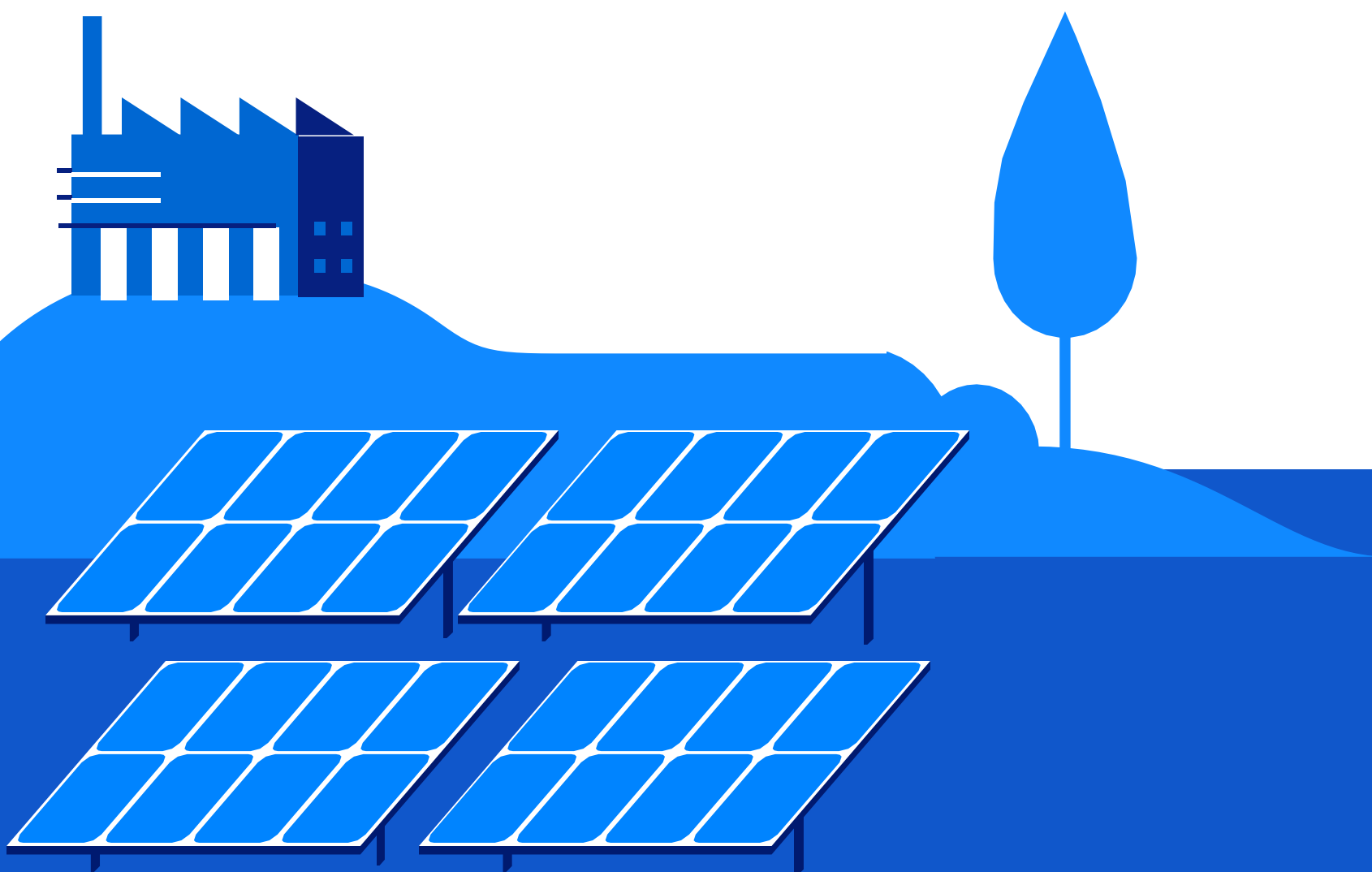




Onsite Power

Capability statement



Our Journey to **EDF power solutions Onsite Power**

2009

Founded as a domestic solar installer, Solar Advanced Systems Ltd, delivering residential renewable energy projects across the UK.

2011

Expanded into larger-scale commercial and industrial low-carbon projects, building capability beyond domestic installations.

2023

Acquired by EDF power solutions, strengthening the business through the scale, backing and expertise of the EDF Group.

2026

Evolving from an EPC delivery model into a fully funded onsite power developer for the commercial and industrial market under **EDF power solutions**.

We are not approaching onsite power from theory. We come from delivery.

We understand the technical, commercial and operational realities that decide whether a project works. Today, we help businesses move from intention to infrastructure development, funding, delivery and management of onsite energy solutions that reduce energy costs, lower carbon and remove unnecessary complexity.



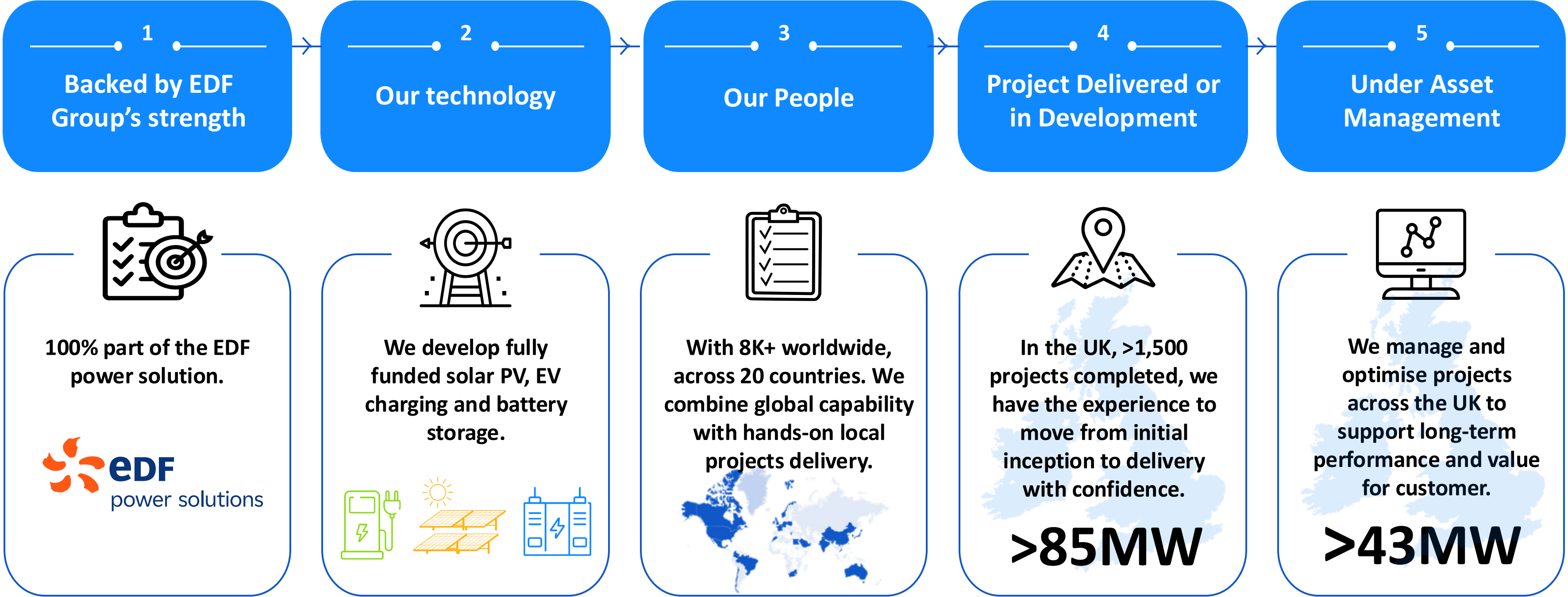
Who we are

At EDF power solutions, our **Onsite Power** team specialises in developing **fully funded, low-carbon energy projects**, from solar PV and EV charging to battery storage systems, designed around the specific needs of C&I clients with complex infrastructure requirements.

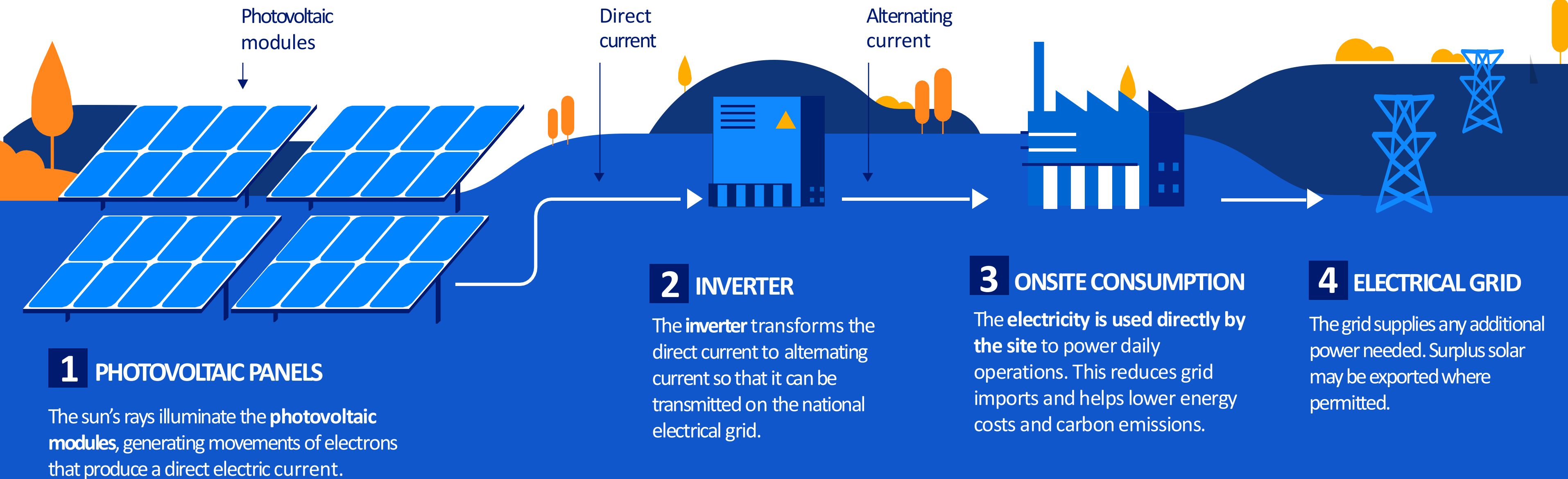
We leverage the scale and zero-carbon legacy of the EDF Group to help develop projects that **reduce costs, protect budgets, and generate savings** from day one.



Our Data: 2026



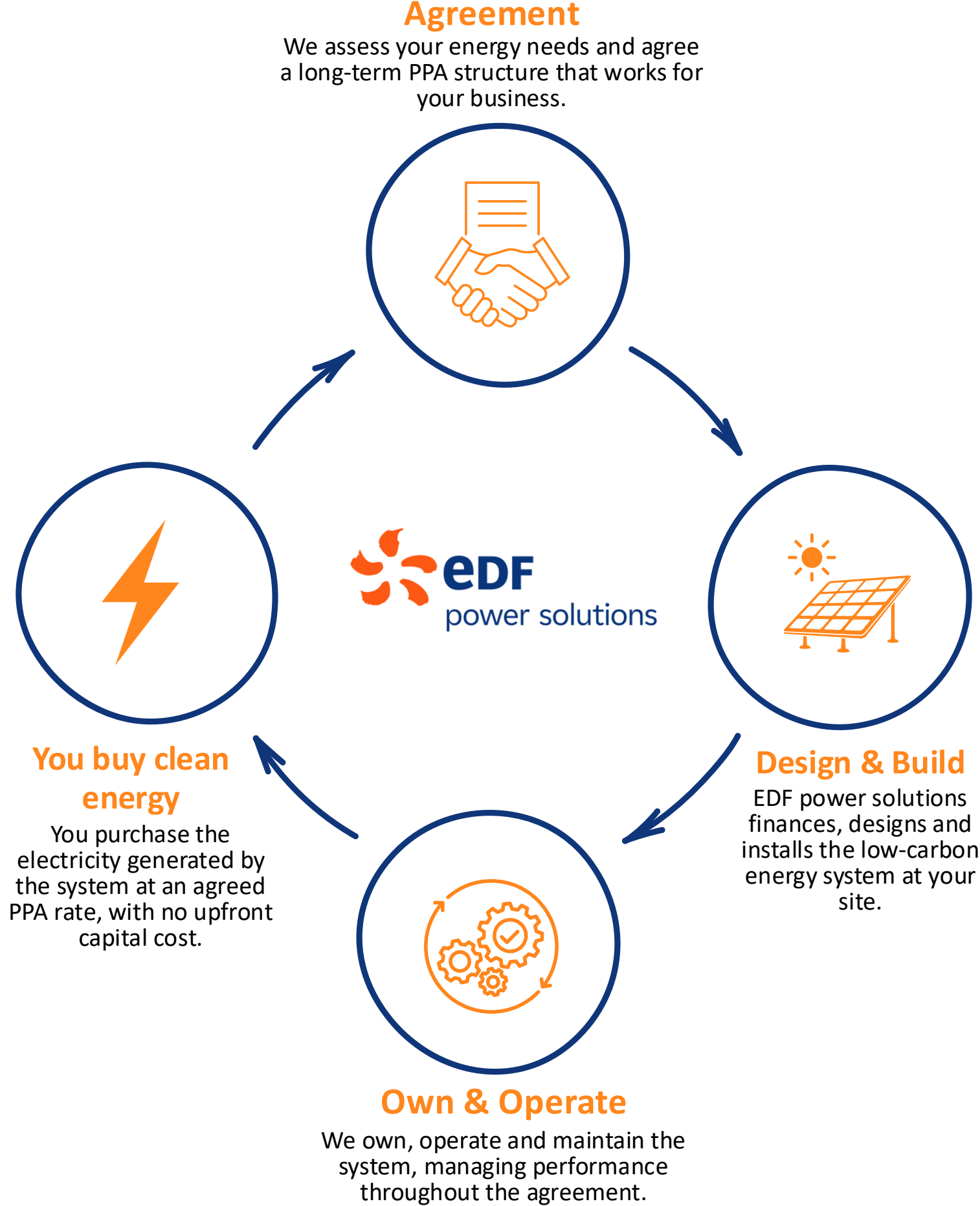
How does it work



Fully Funded PPA Solutions

Clean energy.
No upfront costs.
Predictable savings.

EDF power solutions funds, designs, builds, owns and operates your renewable energy system. Your business simply purchases the clean electricity generated on-site through a long-term Power Purchase Agreement.



BENEFITS TO YOUR BUSINESS

No Upfront Capital Cost
Access renewable energy without funding the system yourself.

Predictable Energy Pricing
Secure long-term electricity pricing and reduce exposure to market volatility.

Lower Carbon Emissions
Generate clean energy onsite and support your sustainability and ESG targets.

Operations & Maintenance Included
EDF power solutions manages system performance, maintenance and ongoing operations.

Focus on Your Core Business
We take care of the energy infrastructure, so you can focus on running your business.

Why EDF

A single partner to fund, design, build, and optimise, owning the complexity and risk.

What makes EDF different



End-to-end accountability

- One integrated partner across supply and solar, battery, optimisation and operations
- No interfaces for the customer to manage



Proven optimisation expertise

- Market-leading experience optimising battery assets in GB
- Real-time asset control to minimise costs, manage peaks, and protect the asset
- Ability to unlock value across wholesale, network and flexibility markets



Integrated with your existing energy relationship

- A familiar counterparty with balance sheet strength
- Designed to work alongside your EDF supply contract
- Simple contracting, billing and settlement

What this means for you



Lower and more predictable **energy costs**



Fast deployment of behind-the-meter assets with no capital outlay



No operational and delivery risk linked to the project



Clear, **measurable resilience outcomes**

Case Studies



Case Study – DPD Depot Optimus point



462
kW



System Size - **462 kWp**

Panel Model - **1,154x Solar PV Modules**

Inverter Model - **4x SolarEdge Inverters**

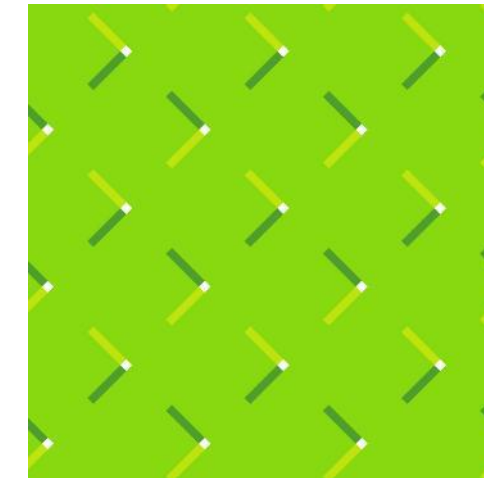
Estimated Annual CO2 Saving p.a. – **128 tonnes**

In this renewable energy project, our team designed, project managed, and installed a 404.8 kWp solar PV system featuring 1,472 Trina Solar modules and 16 Fronius Eco inverters covering 2,218.4 m² at the DPD Depot. Delivered simultaneously across two 24/7 operating buildings with zero disruption to daily site activities, the project was completed safely, on schedule, and within budget. The system generates 421,798 kWh annually, producing 105% of the site's electricity demand and saving an estimated 152 tonnes of CO2 per year.

Case Study - Capital Park Cambridge



500 kW



System Size - **500 kWp**

Panel Model – **1,089x JA Solar PV Modules**

Inverter Model – **4x Huawei Technologies**

Estimated Annual CO2 Saving p.a. – **174 tonnes**

The 500 kWp solar canopy installation directly advances Capital Park Cambridge's sustainability commitment by converting regular car parking spaces into an active, high-yield clean energy hub. Powered by 1,472 high-efficiency Trina Solar PV modules and 4 Huawei inverters, the system generates clean, sun-powered electricity that feeds directly into adjacent offices, drastically cutting reliance on the local grid and protecting occupiers against energy price volatility. Beyond onsite power production, the infrastructure integrates 22 newly installed EV charging points, directly supporting the electric vehicle transition for site occupants. It prevents an estimated 152 tonnes of CO2 emissions annually.

Case Study - Boden Optimus point



1
MW



System Size - **1 MWp**

Panel Model – **2,938x JA Solar PV Modules**

Inverter Model – **9x SolarEdge Inverters**

Estimated Annual CO2 Saving p.a. – **230 tonnes**

EDF power solutions designed, installed, and commissioned a 1 MWp solar PV system featuring 2,398 JA Solar modules and 9 SolarEdge inverters across unused rooftop space for Boden at Optimus Point. Delivered during the pandemic within an 18-month timeframe, the project overcame tight 24/7 schedules to create an onsite energy-generating hub. The resulting system meets 30% of the site's annual power demand with 80% consumed locally, while cutting 230 tonnes of CO2 emissions per year and allowing surplus electricity to be sold back to the local provider.

Case Study – Gateshead, Baltic



2.7
MW



System Size – **2.7 MWp**

Panel Model – **6,068 JA Solar PV Modules**

Inverter Model – **19x SolarEdge Inverters**

Estimated Annual CO2 Saving p.a. – **504.5 tonnes**

EDF power solutions delivered a 2.76 MWp bespoke ground-level ballast solar PV project for Gateshead Council on a brownfield former coal mine site at Baltic Quarter. Funded through the Public Sector Decarbonization Scheme as part of a wider 4.3 MW multi-solar project, the installation features 6,068 JA Solar PV modules and 19 SolarEdge inverters designed to avoid ground disruption while offsetting biodiversity loss with wildflower planting. The project reduces annual energy costs by over £1 million and cuts carbon emissions by 504.5 tonnes per year to help the council reach net-zero by 2030.

Case Study – SAFRAN AeroSystems' Fareham



460
kW



System Size - **460 MWp**

Panel Model – **1,268 Trina Solar PV Modules**

Inverter Model – **6x SolarEdge Inverters**

Estimated Annual CO2 Saving p.a. – **88.96 tonnes**

EDF power solutions delivered a 460.03 kWp solar PV project for Safran AeroSystems' Fareham facility using 1,268 JA Solar 455W PV modules and 6 SolarEdge inverters under a **Power Purchase Agreement**. To navigate severe grid export restrictions, the team coordinated with the DNO to design and commission an approved export restriction system while slightly oversizing the array to future-proof for EV expansion. As a result, the installation generates 437.85 kW of clean power, covering 38.4% of the site's total annual energy demand and avoiding roughly 88.96 tonnes of CO₂ emissions each year.

Case Study – MAG Stansted Airport



17.2
MW



System Size - **17.2 MWp**

Panel Model – **24K+ Trina Solar PV Modules**

Inverter Model – **40x Sungrow Inverters**

Estimated Annual CO2 Saving p.a. – **6000+ tonnes**

EDF power solutions developed, constructed, and operated a landmark 17.24 MWp solar farm for London Stansted Airport under a **30-year Power Purchase Agreement**. Navigating a live airport environment required extensive pre-construction glare modelling to protect pilot visibility and flight path operations, along with strict CDM demarcation zones for a new access road and strategic management during severe winter conditions. Featuring 24,284 Trina Solar PV modules and 40 Sungrow inverters, the project incorporates a new substation and local biodiversity enhancements while cutting estimated annual emissions by over 6,000 tonnes.

Case Study – SAFRAN AeroSystems' Pitstone



999
kW



System Size – **999 MWp**

Panel Model – **2,194 Trina Solar PV Modules**

Inverter Model – **7x SolarEdge Inverters**

Estimated Annual CO2 Saving p.a. – **201 tonnes**

EDF power solutions developed a 999.64 kWp rooftop solar PV system for SAFRAN AeroSystems' Pitstone site under a Power Purchase Agreement. To optimise the layout, the team conducted detailed structural analyses for the barrel roof and carefully engineered the electrical design to remain below the DNO threshold, avoiding costly grid surveys and consent delays. Utilising 2,194 PV modules, 7 SolarEdge inverters, and 1,099 optimisers, the installation generates roughly 863.75 MWh annually, covering 16.2% of the site's electricity demand and saving 201 tonnes of CO2 per year.

Case Study – Pilgrims Europe, Bromborough



405
kW



System Size – **405 MWp**

Panel Model – **744 Canadian Solar PV Modules**

Inverter Model – **3x SolarEdge Inverters**

Estimated Annual CO2 Saving p.a. – **156 tonnes**

Pilgrim's Europe partnered with EDF power solutions under a **20-year Power Purchase Agreement** to install a 405.48 kWp solar system at their Bromborough site without upfront capital investment. To overcome site challenges near the River Mersey, the team engineered mounting structures capable of withstanding higher wind pressures and adapted panel layouts to fit a curved roof. The resulting installation utilises 744 Canadian Solar PV modules and 3 SolarEdge inverters, delivering clean energy on-site while reducing annual carbon emissions by an estimated 156 tonnes.

Case Study – The Macallan Distillery



2.1
MW



System Size - **2.1 MWp**

Panel Model – **3,170 Longi Solar PV Modules**

Inverter Model – **14x Solis Inverters**

Estimated Annual CO2 Saving p.a. – **434.5 tonnes**

The project involved installing a 2.1MW solar array comprising 3,170 Longi Solar PV modules and 14 Solis Inverters for the historic Macallan Distillery under a Power Purchase Agreement. To overcome logistical and weather challenges, including a road separating the site from the main connection point, the team used directional drilling to optimise cabling while implementing effective drainage solutions during winter rainfall. Consequently, the installation generates approximately 1,967MWh annually, covering up to 50% of daytime electricity needs and offsetting around 434.5 tonnes of CO₂ emissions each year.

Case Study – Tesco



4.6
MW



System Size – **4.6 MWp**

System specification – **Rooftop Solar**

System Production – **4 GWh annually**

Offtake Agreement – **20 Years PPA**

EDF power solutions delivered a 4.6 MWp portfolio of rooftop solar PV across 14 Tesco stores under a 20-year Power Purchase Agreement (PPA), operating as the developer, funder, owner, and principal contractor. Despite complex structural assessments, condensed construction schedules requiring four active site builds at once, and Sunday evening shutdown windows, the team successfully installed over 15,000 solar panels during the COVID-19 pandemic. The resulting installations generate more than 4,235 MWh of clean electricity in their first year alone, lowering Tesco's energy bills while supporting its accelerated goal to achieve Net Zero in the UK by 2035.



Thank you

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