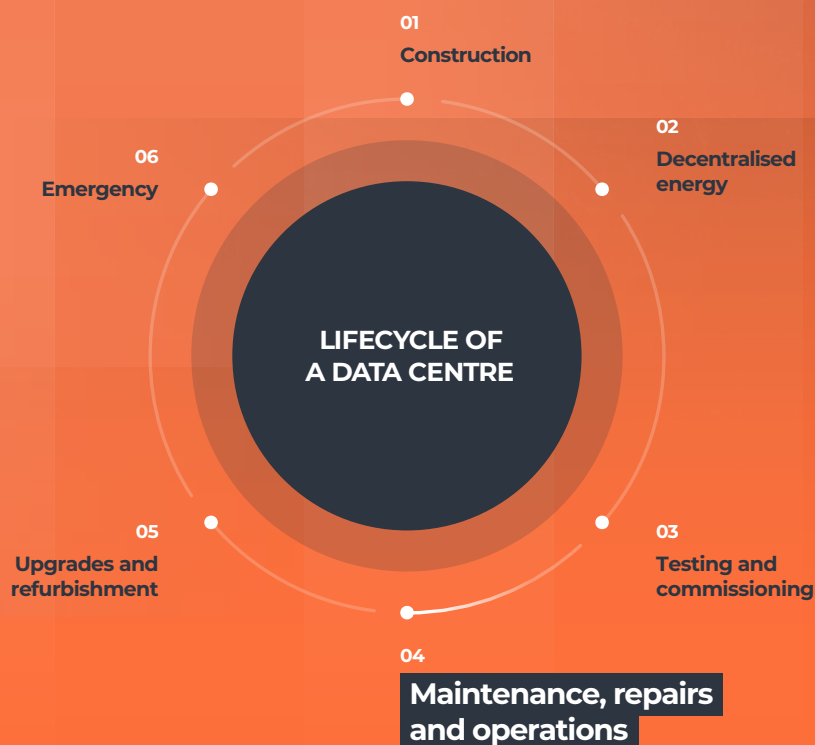


Maintenance and operations

for data centres





01
Construction

02
Decentralised energy

03
Testing and commissioning

04
Maintenance, repairs and operations

05
Upgrades and refurbishment

06
Emergency

Complete support for continuous performance

Maintaining continuous performance in data centres requires a proactive approach to maintenance and climate control. At Aggreko, we understand the daily operational challenges, from managing mission-critical systems to anticipating potential failures that could impact uptime.

Our tailored solutions help mitigate risks, manage costs, and keep your facility running smoothly. Through regular inspections and predictive maintenance strategies, we can help you identify trends, detect problems, and spot early warning signs before issues arise. This proactive approach can help to minimise unplanned downtime to keep your systems operating at peak performance.

Temperature control that puts you in charge

Seasonal changes, unexpected maintenance needs, and load variations all impact a data centre's cooling requirements. Our modular, scalable cooling solutions provide supplemental support exactly when it's needed. Ensuring optimal equipment performance and environmental stability.

From chillers and cooling towers to air handlers and air conditioning units, we deliver tailored packages that adapt to your centre's layout and operational needs.



Temporary power for lasting peace of mind

When key systems go offline for upgrades or maintenance, our temporary standby power and cooling solutions ensure uninterrupted uptime. We help maintain the resilience of your N+ systems and safeguard your Service Level Agreements (SLAs), even during transitional periods.



Why choose Aggreko?

- **Tailored packages** for each unique data centre project
- **Cleaner technologies** to cut emissions, fuel use, and cost
- **Smart efficiency** to streamline energy use for peak performance
- **Specialist expertise** to deliver knowledge and support from our experienced team
- **Complete flexibility** to shape a range of fuel types, remote monitoring, and contract terms around your needs



More solutions for every challenge

We have a huge fleet of modular rental equipment, including our unique Greener Upgrades solutions that help you make simple choices which are kinder to the environment. Whether that's lowering NOx or Particulate Matter to reducing CO2 emissions and fuel usage.

For unrivalled flexibility, our modular systems are quick to install and can scale up or down, depending on demand. All solutions could include Fuel Management, ARM (Aggreko Remote Monitoring), and Aggreko Connect.

Power

- Diesel generators: 30–2100 kVA
- Gas generators: 1875 kVA
- Stage V generators: 30–1250 kVA
- Battery Energy Storage Systems (BESS): 45 kVA to multi-MW
- LV/MV distribution & HV transformer substations



Testing

- Load banks: 100 kW–6 MW
- Liquid cooled load banks (e-boilers): 600kW



Cooling

- Air-cooled chillers: 50–800 kW
- Cooling towers: 2.5 MW+
- Air conditioners: 50–250 kW
- Air handlers: 15–500 kW



Heating

- Electric & IDF heaters: 3–200 kW
- Heat pump chillers: 50–400 kW
- Dehumidification units: up to 7000 m³/h
- Electric boilers: 600–1200 kW



Cleaner energy solutions with Greener Upgrades™

We're investing in new technologies, alternative fuels and services to make greener solutions accessible for our customers. Using our consultative approach, we're delivering solutions that maximise performance, improve efficiencies and lower costs, supporting the move to a more sustainable and efficient future.



Stage V generators

Compliant with the EU's Medium Combustion Plant Directive (MCPD) our Stage V generators are high performance. The engines deliver efficient power whilst limiting harmful pollutants such as carbon monoxide, NOx and PM.



Battery Energy Storage Systems (BESS)

BESS work as a stand alone solution or with generators, ideal for use in situations with limited utility or when emissions and fuel use needs to be minimised.



HVO/B10 fuel

Our generators can run on a range of biofuels including HVO and B10 to significantly reduce carbon and harmful emissions.



PowerMX2

PowerMX2 is our fuel efficient, load flexible, low emission generator. With two 625 kVA Stage V engines in one compact 20ft container, PowerMX2 delivers maximum power with reduced emissions and fuel consumption.

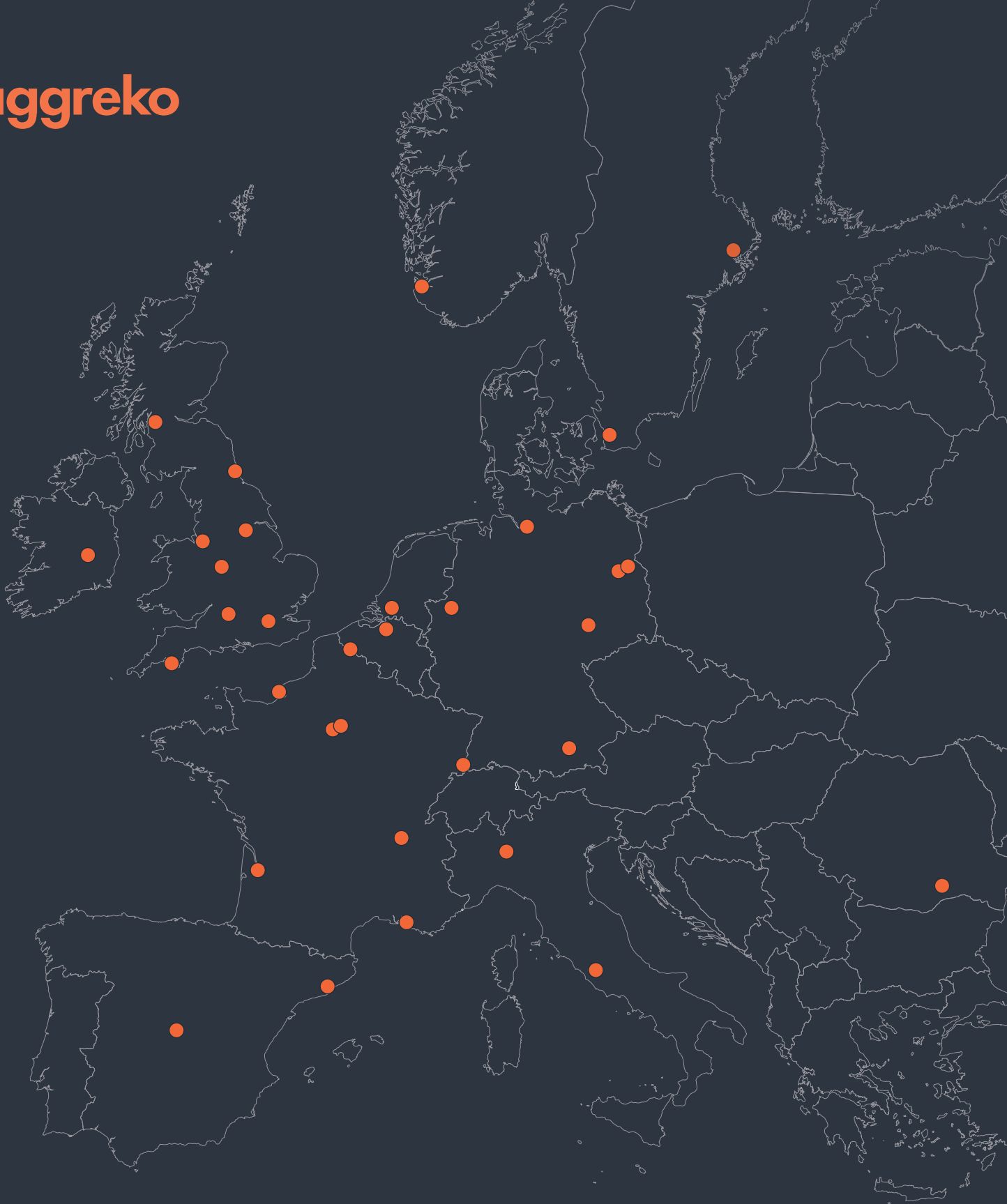


Aggreko Connect

Aggreko Connect is your online hub providing access to all your information in one central place. With speed and simplicity, you can view equipment on-hire, review your orders, and through Aggreko Remote Monitoring (ARM) even monitor kit performance.

With Aggreko Connect's reporting feature, you'll have access to more data including insights into carbon and local emissions, Delta T and ambient temperatures, load profile and usage, so you can fully understand the capabilities of your energy solutions.

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