



Decarbonisation Solutions for Your Building



Cut Costs.
Cut Carbon.
Boost Performance
with Carrier
HVAC Solutions.

Decarbonisation: The Key to a Sustainable Future

Decarbonisation is the process of reducing or eliminating the use of carbon dioxide (CO₂) and other greenhouse gases (GHG) from being released into the atmosphere, in order to ultimately enhance the lives we live in and **the world we share**.

With buildings accounting for about 40% of energy-related carbon emissions, regulations have increasingly focused on reducing building greenhouse gas emissions.

Most companies want to act quickly to meet building performance standards but determining where to start, what steps are needed and how to properly invest can prove difficult.

This is why Carrier businesses have been evolving to offer you a comprehensive approach to confronting climate change.



Comprehensive solutions for every step of your decarbonisation journey

Carrier's products, services, and digital capabilities help you meet your building's energy and carbon reduction goals. This includes energy-efficient chillers, heat pumps, all-electric refrigeration and building solutions, lower GWP refrigerants, and connected technologies.

The challenges you face



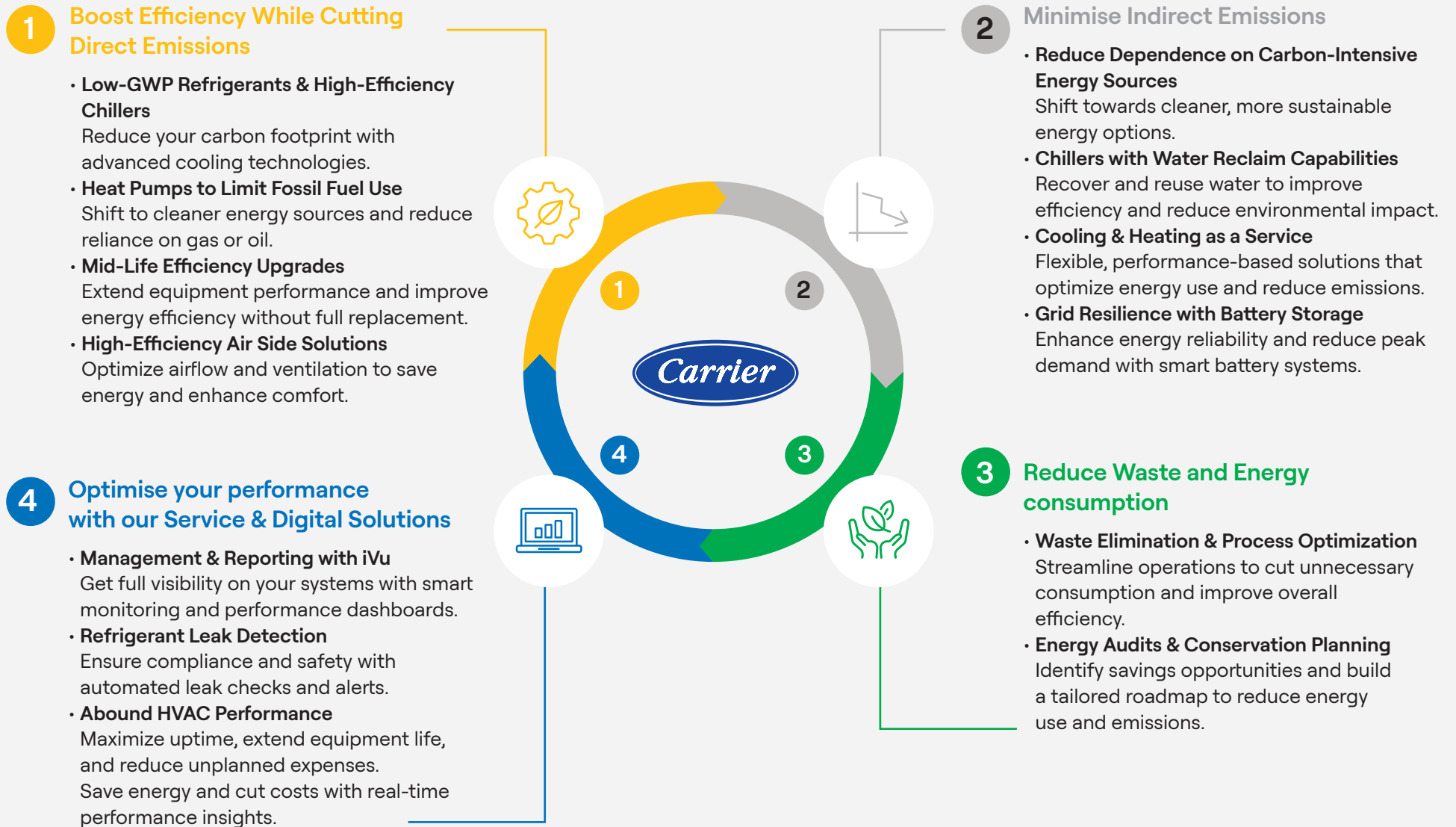
Regulations and ESG commitments demand greener buildings.

Tenants and investors expect **sustainability and comfort**.

Rising energy costs: Energy prices continue to climb, impacting operational budgets.

Outdated systems drain money, waste energy, and risk downtime.

Solutions Designed for You



Your journey with us

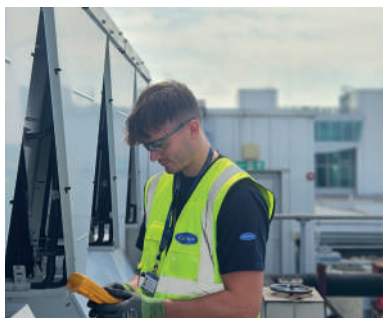
Establishing your chiller plant's existing performance baseline against its design performance is crucial. We conduct an onsite health check and present energy conservation measures that incorporate controls and system operations optimization to improve overall plant efficiency.



Customer story:

Carrier supports London Gatwick's Net Zero Journey with dedicated HVAC maintenance and upgrades.

As part of its "Decade of Change" strategy, **London Gatwick Airport** —the UK's second busiest — has committed to achieving **Net Zero Scope 1 and 2 emissions by 2030**. To support this goal, Carrier delivers **dedicated HVAC maintenance and strategic upgrades** across more than **50 chillers** located in both the North and South terminals.



Carrier's services included:

- **Daily on-site and remote visits**, with a dedicated technician assigned to the airport.
- **Comprehensive asset management**, including regulatory compliance (F-Gas, insurance inspections).
- **End-of-life equipment replacement** with low-GWP solutions, such as the AquaForce® 30XAV chiller using PUREtec® HFO R-1234ze refrigerant.

This proactive approach enables:

- **Continuous cooling performance** for a site that operates 24/7, serving **tens of millions of passengers annually**.
- **Minimised operational disruptions**, with servicing and upgrades carefully planned around airport operations.
- **Reduced operational expenditure**, through expert maintenance and energy-efficient upgrades.
- **Progress toward Net Zero by 2030**, aligned with Gatwick's environmental roadmap.

"Carrier is a trusted partner helping us manage our cooling infrastructure while advancing our environmental goals," said **Steve Kelso**, Head of Engineering at London Gatwick.

[Read more](#)



Discover more customer stories

[carrier.com](https://www.carrier.com)

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By partnering with Carrier, you are not just upgrading your HVAC equipment, you are:

- **Protecting your budget** from rising energy costs.
- Enhancing tenant **comfort and retention**.
- **Meeting compliance** and sustainability commitments.
- **Raising asset value** through smarter, greener operations.

Want to explore how Carrier is driving energy efficiency and decarbonisation through smart service strategies?



Energy Audits are a Catalyst for Decarbonisation

Energy audits are no longer just assessments – they're strategic tools for accelerating decarbonisation.

By identifying inefficiencies and opportunities, they pave the way for smarter, greener operations. Carrier's approach combines innovation with actionable insights to drive real impact.

[Read more](#)

Performance in any condition – and any building

At Carrier, we have decades of knowledge and expertise across all types of buildings and applications. Our team will work with you to select and implement the right solution to meet the unique needs of your project.



Healthcare



Hospitality



Higher Education



Commercial Office



Manufacturing



Data Centers

Reach out and speak to your local Carrier expert today.
Let's unlock efficiency, comfort, and sustainability - together.