



Our commitment to sustainability

Objective: We operate high-quality data centres with a focus on economic prosperity while being mindful of our responsibilities towards the environment, communities, employees, and society. Our sustainability initiatives support our clients in achieving their ESG goals.

Environmentally efficient solutions across our sites



100% renewable electricity: Bryt Energy supplies our facilities with 100% zero carbon electricity from wind (76.4%), solar (21.2%), and hydro (2.4%) power sources.

[Read more ↗](#)



HVO generators: Hydrotreated Vegetable Oil in our backup generators reducing up to 90% net CO2 emissions, with improvements in air quality and fuel stability.

[Read more ↗](#)



Highly efficient free cooling chillers: resulting in reduced power consumption and a 70% decrease in water usage compared to previous adiabatic system.

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Metrics to monitor sustainability

- **PUE:** Farnborough and Manchester sites consistently operate with a **PUE of 1.25**.
- **GRESB benchmark:** measuring, benchmarking, and improving ESG performance. Scored **90/100** compared to an industry average of 85. [↗](#)
- **Continual monitoring:** assessing environmental risks and impacts and comprehensive sustainability reporting, covering:
 - greenhouse gas emissions;
 - energy usage;
 - waste generation;
 - water consumption.



MCR2 – sustainability initiatives

The construction of MCR2 during 2024-2025 allowed us to integrate sustainability from the ground up. These initiatives will serve as the benchmark for all future construction projects, including FRN2, which has already received planning approval.



Attenuation tank: subterranean tank stores up to 900,000 litres of stormwater, reducing local flooding and stress on drainage systems.

[Read more ↗](#)



Heat reuse-ready: MCR2 is designed to support future community heating networks.

[Read more ↗](#)



Embodied carbon assessment: conducted at concept design stage to address environmental impact during construction and lifecycle phases.

[Read more ↗](#)



Solar energy: all of our new data centre construction projects include solar PV panels to generate renewable energy on-site.

Talk to us about our innovative, environmentally efficient data centres.

For more information on our sustainability initiatives, visit www.datum.co.uk or contact a member of our team.

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