

EP100 - Northmore Gordon

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EP100

EP100 is an initiative run by The Climate Group that focuses on energy productivity, defined as the ratio of economic output to energy consumption. By implementing efficiency measures and management systems, EP100 members improve their energy productivity while reducing greenhouse gas emissions. The initiative recognizes that organizations can grow economically while reducing their energy consumption and environmental impact through structured approaches to energy performance optimization.

Related guidance

Carbon advisory

Scope 1, 2 and 3 emissions

Certificates

Government schemes

Certificate trading

Measurement and verification

What is EP100 and how does it relate to energy productivity?

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What are the three main commitments available under EP100?

Companies participating in EP100 can choose from three distinct commitments: Double Energy Productivity (doubling economic output per unit of energy consumed globally within 25 years, with a baseline year of 2005 at the earliest); Implement an Energy Management System (deploying an EnMS in each facility within 10 years with an energy productivity target); and Net Zero Carbon Buildings (owning, occupying and developing buildings that operate at net zero carbon emissions by 2030). Organizations can select the commitment that aligns with their business strategy and operational structure.

How can Northmore Gordon support companies implementing the Energy Management System commitment?

We provide comprehensive energy management system development and support services, including energy audits to identify opportunities, energy assessment and optimization across facilities, and ongoing performance monitoring. Our six-stage delivery approach—from Assess through to

Perform—aligns with EnMS implementation requirements. We can help establish structured leadership, policy, objectives, and responsibilities while supporting continuous improvement through consistent measurement and reporting across multiple sites, directly facilitating the 10-year implementation timeline required under EP100.

What does achieving 'Double Energy Productivity' under EP100 require?

The Double Energy Productivity commitment requires a company to double its economic output from every unit of energy consumed globally within 25 years, using a baseline year of 2005 or later. This involves sustained energy efficiency improvements, operational optimization, and strategic energy management across all facilities. Companies need reliable baseline data, consistent measurement of energy consumption relative to production output, and a documented pathway of efficiency investments. Our energy optimization services, measurement and verification capabilities, and portfolio-level energy management support can help organizations establish baselines and track progress toward this ambitious long-term goal.

How does the Net Zero Carbon Buildings commitment within EP100 work?

Under this World Green Building Council-led commitment, companies commit to owning, occupying, and developing buildings that operate at net zero carbon emissions by 2030. Net zero carbon buildings must reduce energy demand through efficiency, achieve high energy efficiency standards, and be fully powered by renewable electricity. This commitment requires organizations to address energy consumption at the asset and portfolio level, connect emissions reduction with renewable energy solutions, and implement integrated energy strategies. We can support this commitment through energy efficiency assessments, renewable energy procurement services via moREnewable100, and carbon advisory services that align building performance with net zero objectives.

How does EP100 relate to organizational carbon management and emissions reporting?

EP100 commitments connect energy productivity improvements directly to greenhouse gas emissions reduction. Whether through energy management systems, efficiency improvements, or renewable energy adoption, EP100 targets drive measurable emissions outcomes. For organizations subject to reporting obligations such as NGER or sustainability frameworks, EP100 progress provides documented evidence of emissions reduction efforts. Our carbon advisory services, including emissions inventories, transition planning, and opportunity assessment, can help organizations establish the emissions baseline, track progress against EP100 commitments, and prepare credible reporting that demonstrates both energy productivity gains and emissions reductions.

What measurement and verification practices support EP100 commitment achievement?

EP100 commitments require reliable measurement of energy consumption, economic output, and building performance to track progress over multi-year periods. Organizations need consistent data collection, clear measurement boundaries, and documented adjustments for operating condition changes. Our measurement and verification services establish baselines, specify measurement boundaries, and verify actual outcomes against modeled expectations. Our moreData platform provides ongoing monitoring of energy and water performance, tracks indicators against baselines, and supports portfolio-level analysis—all essential for demonstrating credible progress toward EP100 targets and managing multi-site energy productivity improvement.

How can organizations establish an effective baseline for EP100 energy productivity targets?

Establishing a reliable baseline is fundamental to EP100 success, particularly for Double Energy Productivity commitments using a 2005 or later reference year. Organizations must gather historical energy consumption data, document production volumes and operating conditions during the baseline period, and identify any major facility changes or production shifts. Our energy auditing services investigate energy use patterns and operating context, while its metering and data quality guidance

helps organizations assess data reliability and identify gaps. We can also advise on accounting boundaries and adjustment methodologies, ensuring baselines are defensible, consistent, and suitable for tracking long-term progress toward EP100 targets.

What role does renewable energy procurement play in EP100 commitments?

Renewable energy is essential for achieving the Net Zero Carbon Buildings commitment and supports energy productivity improvements under all three EP100 pathways. Organizations need to source renewable electricity attributes, understand renewable energy certificates, and establish credible claims about renewable supply. Our moREnewable100 service provides multi-site renewable energy certificate procurement without changing existing electricity supply contracts, offering RE100-aligned sourcing and due-diligence support. We can help organizations navigate certificate options, manage procurement across portfolios, and establish the governance and accounting frameworks necessary to support both EP100 commitments and broader corporate emissions reporting.