

# bsi.

## How BSI certification to ISO 50001 has helped Aggregate Industries manage energy consumption, reduce carbon emissions and control costs



**Aggregate Industries supplies materials to the UK construction sector, including aggregates, asphalt, ready-mixed concrete and precast concrete products. It also exports aggregates and offers national road surfacing and contracting services. With over 200 sites and approximately 3,900 employees, the company is part of LafargeHolcim, a leading multinational building materials and solutions group with around 90,000 employees in over 80 countries.**

Through BSI certification to ISO 50001 Aggregate Industries has not only met statutory requirements

on energy efficiency and greenhouse gas emissions, but also equipped itself to meet its own challenging energy efficiency targets, including annual 5% improvements in both operational energy intensity and operational greenhouse gas intensity (with an 18.5% total improvement in each).

ISO 50001 certification by BSI has reinforced Aggregate Industries' 'green' credentials, demonstrating it is committed to controlling its energy use and carbon emissions as part of its aim to operate a sustainable business. At the same time, it is aligning with key United Nations' sustainability goals – notably Goal 12: Responsible consumption and production – which BSI is actively promoting among its clients. By doing so, Aggregate Industries has positioned even more favourably to retain existing clients and win new bids and tenders to grow its business.



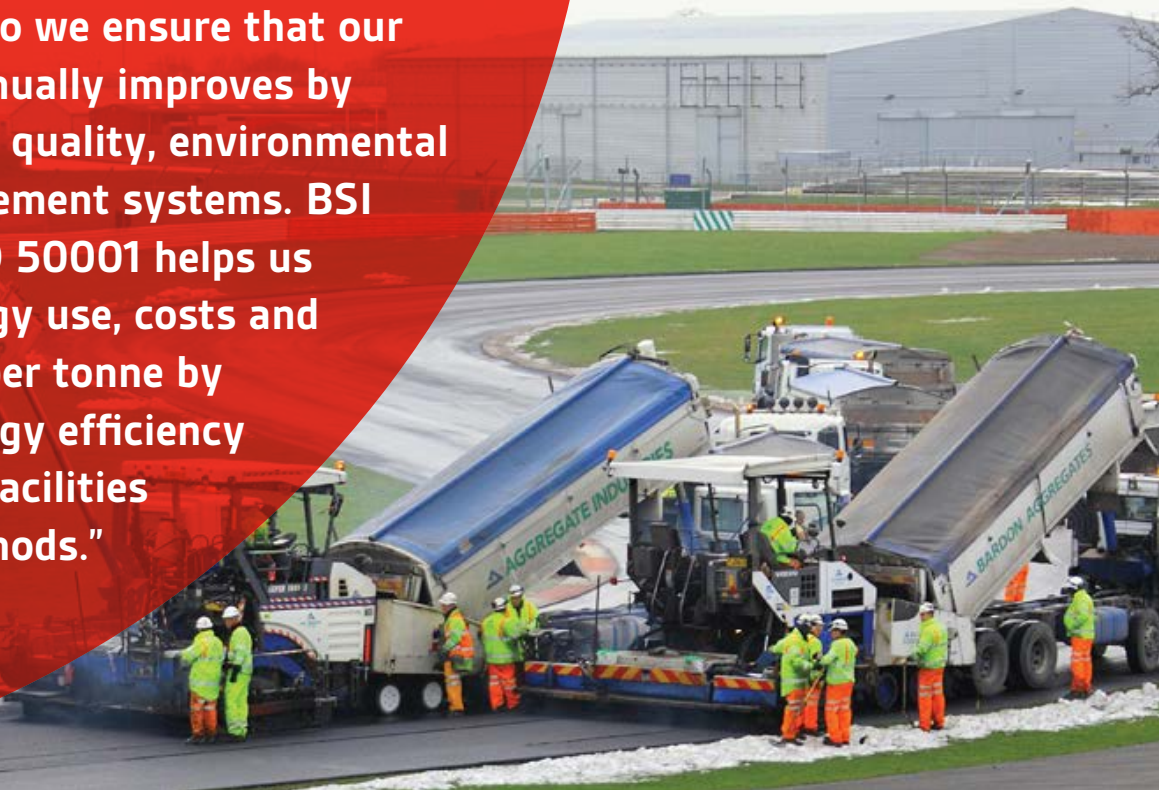
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Aggregate Industries

**“We know that mitigating and managing our impacts is important to us and all our stakeholders, so we ensure that our performance continually improves by operating effective quality, environmental and energy management systems. BSI certification to ISO 50001 helps us to reduce our energy use, costs and carbon emissions per tonne by improving the energy efficiency of our production facilities and transport methods.”**

Guy Edwards, CEO,  
Aggregate Industries



## Client challenge

As part of its strategy to be a preferred supplier to the building and infrastructure sectors, Aggregate Industries is committed to pioneering sustainable solutions such as low carbon, high performance products. The company is equally determined to operate its own business efficiently and sustainably. For over 30 years it has held BSI certification for its quality management system, and it has recently achieved recognition for its responsible business practices, including BSI certification to ISO 14001 for environmental management.

On energy, it has set out to reduce emissions per tonne by improving the energy efficiency of production facilities and transportation methods, setting challenging targets. These include annual 5% improvements in both operational energy intensity and operational greenhouse gas intensity, with an 18.5% total improvement in each.

## BSI solution

To meet statutory requirements for energy efficiency, the company could have settled for assessment under the UK Government's Energy Savings Opportunity Scheme (ESOS), but, as Sheriff Akande, Energy Manager, explains: “BSI certification to ISO 50001 challenged us more, was more worthwhile and better value for money.”

Aggregate Industries first achieved BSI certification to ISO 50001 for Lafarge Cement UK, the most energy intensive part of its business, in 2018. By working closely with BSI, the following year it was successful in extending the scope of the certification to the rest of the business. He adds, “BSI gave us valuable feedback on how far our system met the requirements of the standard, helping us identify where we needed to make changes.”



## Why BSI?

Aggregate Industries chose BSI because of the two organizations' strong existing relationship and shared sustainability values – and because BSI's construction industry expertise means it understands the nature of Aggregate Industries' operations.