



Arçelik is making significant progress towards key sustainability goals – assisted by BSI verification of its greenhouse gas emissions

Arçelik is a leading consumer electronics manufacturer, making and supporting a host of white goods and household appliances. Its 12 brands range from those widely-known in Europe such as Beko and Grundig, to market leaders in Romania (Arctic), South Africa (Defy), and Pakistan (Dawlance). Headquartered in Istanbul, the company has over 30,000 employees and 22 production plants in eight countries.

Sustainability is integral to Arçelik’s business model, so it takes account of leading initiatives, including the United Nations Sustainable Development Goals (UN SDGs). It has taken major steps to reduce its greenhouse gas (GHG) emissions in line with UN SDG 12 Responsible consumption and production, and UN SDG 13 Climate action.

To achieve this, reliable data is critical, and Arçelik chose BSI to provide third-party verification of its GHG emissions quantification and reporting against ISO 14064, the global standard for measuring GHG emissions and removal. The confidence BSI verification has given Arçelik in its aspirational GHG reduction targets inspired employee confidence towards achieving the GHG goals. BSI verification has also contributed to its inclusion in the Dow Jones Sustainability Index (DJSI), where it was named an Industry Leader in 2019 and 2020. Such recognition has greatly enhanced Arçelik’s reputation around the world.



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“We have become carbon-neutral for direct and energy-indirect GHG emissions in 2019 and 2020 in global production, with our own carbon credits obtained by the Carbon Financing Project for Energy Efficient Refrigerators in Turkey. With BSI's valued support, we have taken important steps in the fight against climate crisis as we continue to expand our GHG emissions monitoring and reduction programme in line with ISO 14064-1.”

Fatih Özkadı

Quality, Sustainability and
Corporate Affairs Director,
Arçelik



Arçelik's challenge

As part of its global sustainability strategy, Arçelik has set itself ambitious science-based targets to reduce its absolute scope 1 and 2 GHG emissions by 30% and Scope 3 emissions by 15% between 2018 and 2030.

Arçelik has long held BSI certification to both ISO 14001 for environmental management and ISO 50001 for energy management for its Turkey operations. Since 2010 it has also achieved independent assurance of its GHG emissions quantification and reporting through BSI verification to ISO 14064. Initially, this applied to operations in Turkey, before extending to Romania in 2015, Russia in 2016, China in 2017 and South Africa in 2019. In 2020, the company wanted to take a step further by transitioning to the latest version of the standard ISO 14064-1:2018.

Impact of BSI's solution

With BSI's guidance, the Arçelik team was able to implement the 2018 version of ISO 14064-1, educating employees in the monitoring requirements of the new standard and updating its GHG emission management system to include direct and indirect energy emissions from the whole product lifecycle. BSI verification has enabled Arçelik to demonstrate that:

- In Turkey, it has reduced GHG emissions by 70% over a nine-year period
- In its Turkey, Romania, China, Russia and South Africa operations it has reduced its energy consumption per product by 46.3% compared to 2010
- Its purchasing rate of electricity generated from renewable energy sources increased to 100% in its Turkey and Romania operations in 2019.

BSI verification acts as a tool to inspire stakeholder trust in Arçelik's sustainability management.



Why BSI?

“BSI's verification process is an essential step to increase our credibility and transparency in the global business market.”

Fatih Özkadı