

## Challenges:

As a leading name in fire and security solutions, Protec Fire and Security Group Ltd operates in an industry that is evolving quickly in response to environmental and sustainability expectations. The organisation faces several important challenges, including the responsible management of electronic waste and reducing emissions across manufacturing and service operations. Energy use within production facilities and vehicle fleets contributes to the company's carbon footprint, while clients and regulators increasingly place emphasis on sustainable sourcing and supply chain transparency. Products must also be designed with recyclability and longer life cycles in mind. Regulation continues to tighten, and more clients are seeking suppliers with recognised environmental accreditations such as ISO 14001. To remain competitive, Protec recognises the need to innovate and invest in low impact technologies. By embedding sustainability into strategy, operations and the supply chain, Protec is taking proactive steps towards reducing waste, cutting emissions and progressing towards its long-term Net Zero goal, supported by its partnership with the Supply Chain Sustainability School.

## Impact:

Taking a structured approach to emissions management has made a meaningful difference to Protec Fire Detection PLC. By engaging the supply chain more effectively and building stronger relationships with suppliers, the organisation has been able to capture more accurate data and make measurable progress in reducing its environmental impact. Support from the Supply Chain Sustainability School has played a key role in this progress. Through expert led workshops and flexible online learning, teams across the business have developed a deeper understanding of sustainable practices and how these can be applied in different operational areas. The collaborative network within the School has also enabled Protec to share experiences and learn from others across the construction and manufacturing sectors, supporting continuous improvement and reinforcing its position as a forward thinking organisation.

## Value gained:

Membership of the Supply Chain Sustainability School has delivered clear value for Protec Fire Detection PLC. It has strengthened the organisation's understanding of sustainability while reinforcing broader principles around People, Fairness, Inclusion and Respect. This balanced approach has supported cultural development and more responsible ways of working across the business. By actively using the School's learning resources and networking opportunities, Protec has gained a competitive advantage and improved alignment with client expectations. Relationships across the

## Fact box



### Company

Protec Fire Detection PLC

### No of employees

800+

### HQ

Nelson Lancashire

### Website

[www.protec.co.uk](http://www.protec.co.uk)

### Main contact

Mark Allsopp  
[mark.allsopp@protec.co.uk](mailto:mark.allsopp@protec.co.uk)

### Services

Manufacturer, design, supply, installation, commissioning, maintenance and servicing of life safety systems and life safety system integration.

### About

*With a team of over 800 industry professionals and more than five decades of expertise, Protec Fire Detection PLC is a respected brand for creating dependable life safety products, services and solutions across diverse building sectors. From design through to installation and ongoing service and maintenance, Protec Fire Detection PLC provides a full turnkey solution for life safety systems.*

supply chain have been strengthened, and the organisation's reputation as a trusted, sustainability focused partner has been enhanced.

Knowledge gained through the School has also supported nomination for a Green Apple Award, due to be awarded in November 2025 at the House of Lords in London. Looking ahead, Protec views sustainability as an ongoing journey, with continued collaboration with the Supply Chain Sustainability School supporting long-term innovation, resilience and environmental performance.

### Future proofing:

Following the purchase of Protec by BOSCH in 2021 and its incorporation within the BOSCH Building Technologies Division, sustainability goals will be progressed with support from BOSCH's global network of sustainability professionals. Sustainability across business activities and market development will continue to make membership of the Supply Chain Sustainability School and access to its resources an essential partnership in supporting this process.