

## Challenges:

CK-Tech Ltd, specialists in resin injection, faces a range of sustainability challenges throughout its operations. A major concern is the environmental impact of resin materials, which are primarily petroleum-based and non-biodegradable. Improper disposal of leftover resin, packaging, and contaminated tools presents a risk of environmental contamination. The production and curing processes are also energy-intensive, increasing the company's carbon footprint.

Regulatory compliance is another ongoing challenge, with constantly evolving legislation around emissions, chemical safety, and waste disposal. Staying ahead of these changes is vital to avoid penalties and protect CK-Tech Ltd's reputation.

Worker health and safety remains a key priority. Resin chemicals can release toxic fumes and cause skin irritation, making it essential to provide proper training, ventilation, and protective equipment.

Finally, supply chain transparency is a concern, as many chemical suppliers lack visibility on their sustainability practices. Ensuring responsible sourcing is an ongoing issue CK-Tech Ltd is working to address.

## Impact:

CK-Tech Ltd has experienced notable improvements in sustainability practices through its engagement with the Supply Chain Sustainability School. The School's e-learning and assessment modules have helped identify key gaps and opportunities for development, leading to more targeted and effective actions.

This engagement has also increased awareness across the business of the importance of social value, helping to embed sustainability into everyday operations and long-term planning. The School has played a key role in streamlining CK-Tech Ltd's sustainability efforts across its supply chain.

## Value gained:

Working with the Supply Chain Sustainability School has brought a range of business benefits to CK-Tech Ltd.

Competitive advantage has been strengthened, particularly as clients in the construction and infrastructure sectors now place more emphasis on sustainability in their procurement decisions. Demonstrating commitment to sustainable practices has helped CK-Tech Ltd win additional contracts.

The School's e-learning modules have improved employee engagement and retention by raising awareness of ethical standards and empowering staff to contribute to sustainability goals.

## Fact box



### Company

CK-Tech Ltd

### No of employees

30

### HQ

Regent House, Welbeck Way,  
Peterborough, Cambridgeshire, PE2  
7WH

### Website

<https://www.ck-tech.co.uk>

### Main contact

Dawn Campbell  
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### Services

CK-Tech Ltd provides resin injection, concrete repair, ground consolidation, and void filling services. The company also supplies and maintains injection equipment and offers specialist training in injection techniques and sprayed concrete.

### About

*Founded in 2013, CK-Tech Ltd is a specialist contractor in resin injection and grouting solutions. As the UK distributor for Desoi equipment, the company provides high-quality products, expert training, and technical consultancy, delivering innovative and reliable solutions across the construction industry.*

In addition, cost savings and operational efficiency have been achieved. Through implementing best practice guidance from the School, CK-Tech Ltd has identified ways to reduce energy consumption, manage waste more effectively, and minimise unnecessary material usage.

### Future proofing:

CK-Tech Ltd plans to maintain and deepen its engagement with the Supply Chain Sustainability School. Future plans include using the School's Environmental Management training to strengthen its ISO14001-aligned EMS and encouraging further training participation across all levels of staff.

The company will also prioritise greater supply chain transparency, using the School's tools to evaluate supplier practices and foster collaboration that supports circular economy principles.

To further support businesses like CK-Tech Ltd, the company recommends that the School develop more industry-specific resources tailored to the chemical and construction sectors. Integration with sustainability reporting platforms and an expanded supplier network would also help CK-Tech Ltd better track performance and access more sustainable materials.