

## Challenges:

Our biggest sustainability challenges currently are materials, supply chain knowledge, and reporting. Aarsleff Ground Engineering Ltd has been focusing on optimizing materials for over 30 years, serving as experts in the process of value engineering. This expertise allows the company to create savings for clients in both monetary value and emissions associated with their projects. A detailed exploration of this focus can be found here: <https://aarsleff.co.uk/news/value-engineering-creating-value-for-projects-and-the-planet/>

Aarsleff Ground Engineering Ltd has also collaborated with industry partners to develop alternatives to key high-emitting materials, such as concrete and steel. The company played a significant role in the LOCOWAG working group, aiming to prove the viability of low-carbon zero-cement concrete.

The company is actively engaged in educating its supply chain, a step that will enhance reporting accuracy and contribute to long-term reductions in Scope 3 emissions. Aarsleff Ground Engineering Ltd recognizes the School as a fantastic resource to support these initiatives.

## Impact:

By being able to guide its supply chain towards premade resources, Aarsleff Ground Engineering Ltd has assisted them in upskilling their own staff. This approach not only ensures more accurate reporting but also provides the added benefit of training for the supply chain. For the company, this is key in addressing Scope 3 emissions and enables ongoing conversations with the supply chain beyond the initial explanation of topics within sustainability. Furthermore, the wide range of resources available allows Aarsleff Ground Engineering Ltd to understand the key themes within the industry. When combined with its own conversations with clients, the company knows where it is best to direct its efforts.

## Engagement events:

Aarsleff Ground Engineering Ltd attended the Net Zero Summit, which proved to be hugely beneficial in understanding the expectations of clients moving forward. The company also had the opportunity to engage with subcontractors facing similar challenges, gaining insights into their efforts, and identifying opportunities for shared knowledge.

## Resources:

**Assessments** – The company-wide assessments have been extremely beneficial in guiding Aarsleff Ground Engineering Ltd through all areas of the specific sub-topics and prompting the company to reflect on its current

## Fact box


**AARSLEFF**

### Company

Aarsleff Ground Engineering Ltd

### No of employees

263

### HQ

Balderton, Newark

### Website

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

### Main contact

Cerys Orriss

[cerysorriss@aarsleff.co.uk](mailto:cerysorriss@aarsleff.co.uk)

### Services

Multidiscipline ground engineering solutions.

### About

Aarsleff Ground Engineering is a subsidiary of Per Aarsleff A/S, an international leading civil engineering contractor and has grown to become one of the country's leading ground engineering contractors. Aarsleff offer a vast array of real-world geotechnical solutions to meet the needs of its customers, delivering cost-effective bespoke solutions, on time and within budget.

knowledge in these specific areas. Aarsleff Ground Engineering Ltd may have considered itself strong in the entire sub-topic, but following the assessment, the company realized that there were certain areas within it that could benefit from upskilling.

**Action Plan** – The action plans have been incredibly useful for Aarsleff Ground Engineering Ltd as a business, enabling better focus on efforts aligned with client needs. Additionally, these plans ensure a wide spread of knowledge across the business.

**E-learning modules** – The e-learning modules are a great resource for Aarsleff Ground Engineering Ltd. Being able to hand-select and distribute the resources considered most beneficial around the business, as they are premade and easy to access, has been a huge help in upskilling on various topics. Particularly, the sustainability shorts produced in 2022 have been extremely beneficial.

## Value gained:

The value of membership with the school is wide-reaching for Aarsleff Ground Engineering Ltd. While there is an increase in commercial competitiveness and the opportunity to win new projects and clients, these are only small parts of the benefits offered by the School. The ability to understand the key focuses for clients and the general trends in the industry within specific subtopics, exploring from beginner to expert levels, allows for sustained and long-term upskilling measures that benefit both the company and its employees. Moreover, it helps reinforce in-house training and embeds a more sustainable culture into the organization.

## Future proofing:

Aarsleff Ground Engineering Ltd aims to continue rolling out the school's resources across the company and its subsidiaries. Additionally, the company plans to guide its supply chain towards these resources to enhance reporting and incorporate more sustainable thinking into its Scope Three initiatives. Looking ahead, Aarsleff Ground Engineering Ltd expresses interest in seeing more events conducted across the country. The company also appreciates the ongoing efforts of the school in widening the scope of available resources and hopes for continued expansion in this regard.