

Challenges:

As part of the ongoing effort to manage our sustainability, Premier Road Markings identified the key drivers that affect our progressive sustainability reduction. The vehicles we use currently run on standard diesel, as do our generators and other ancillary equipment. In early 2024, we embarked upon a feasibility study to look at options to reduce output. The feasibility study, produced in collaboration with our stakeholders, determined our potential future outcomes.

Electrification of specialist vehicles: Working closely with DAF and our specialist suppliers, we specified, priced, and designed an electric version of a specialty vehicle type used within our fleet.

As part of the study, we approached the suppliers of our generators and ancillary equipment to look at the use of HVO (Hydrogenated Vegetable Oil) instead of diesel, which could offer a 90% reduction in emissions.

Within our office facilities, we have already changed all lights with PIR sensors and electric hand dryers to reduce our electric use.

It was important, however, before we engaged in any of the above, to understand what our impact was by accurately recording our CO2 output from our operations. This was done through our tracking and telematics information and specialist CO2 output calculators. Now we know where we are, it's a good place to start.



Impact:

One of the greatest impacts is balancing the costs of implementation versus the need to reduce our carbon output. The cost of new technology can sometimes become prohibitive, so it is important that this was addressed as part of our feasibility study.

Some of the information and webinars provided within the Sustainability School were used as key information drivers during the production of our feasibility studies. It was exactly tailored to the information we required at the time, particularly the information and webinar on HVO usage.

Fact box



Company

Premier Road Markings

No of employees

41

HQ

Sedgefield

Website

www.premier-roadmarkings.co.uk

Main contact

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Services

Road marking, high friction surfacing, temporary road markings, road studs, line removal, car parks, playgrounds, road marking recovery, depot & factory markings, pre-formed markings, joint sealing & overbanding and manufacturer of specialist vehicles.

About

Premier Roadmaking's Limited specialise in road markings, high friction surfacing, road studs, car park lining, temporary traffic management, MMA, removal, and crack sealing services. They work nationally on both large infrastructure projects and smaller privately managed schemes. Established in 2012 near Middlesbrough, Premier's long-term strategy is to become one of the leading road markings companies in the UK.

One of the key advantages was the ability to get the whole workforce on board via the website. It was easy to allocate resources to different members of the business so they could complete it within their own time.

Resources:

Assessments – The assessments provided by the Sustainability School allow Premier Road Markings to benchmark their improvements (or lack thereof) on an annual basis. It serves as an excellent tool to monitor and track the continuous improvement developing within the organization.

Action Plan – The action plan proved to be beneficial for Premier Road Markings, providing a structured framework to navigate relevant aspects related to their business and operations.

Value gained:

Writing the case study has helped Premier Road Markings truly understand how far the company has come from a sustainability perspective. The requirements of the clients they work for, coupled with their future vision, mean that reducing sustainability and implementing processes has become a key competitive advantage within the industry. Many tender commitments for large clients now include requirements to have a process in place to actively reduce carbon emissions and improve overall sustainability strategy. Without this, a business will not get through the front door of any major or potentially lucrative tenders. It is also clearly morally the correct thing to do for any forward-thinking business. Premier Road Markings is looking forward to growing alongside the Sustainability School.

Future proofing:

So far, the school has been essential in setting Premier Road Markings on the right path to achieving its sustainability goals. Premier Road Markings fully expects the Sustainability School to continue offering cutting-edge information and keep the company up to date with changes and new insights on how it can continuously improve its business processes.