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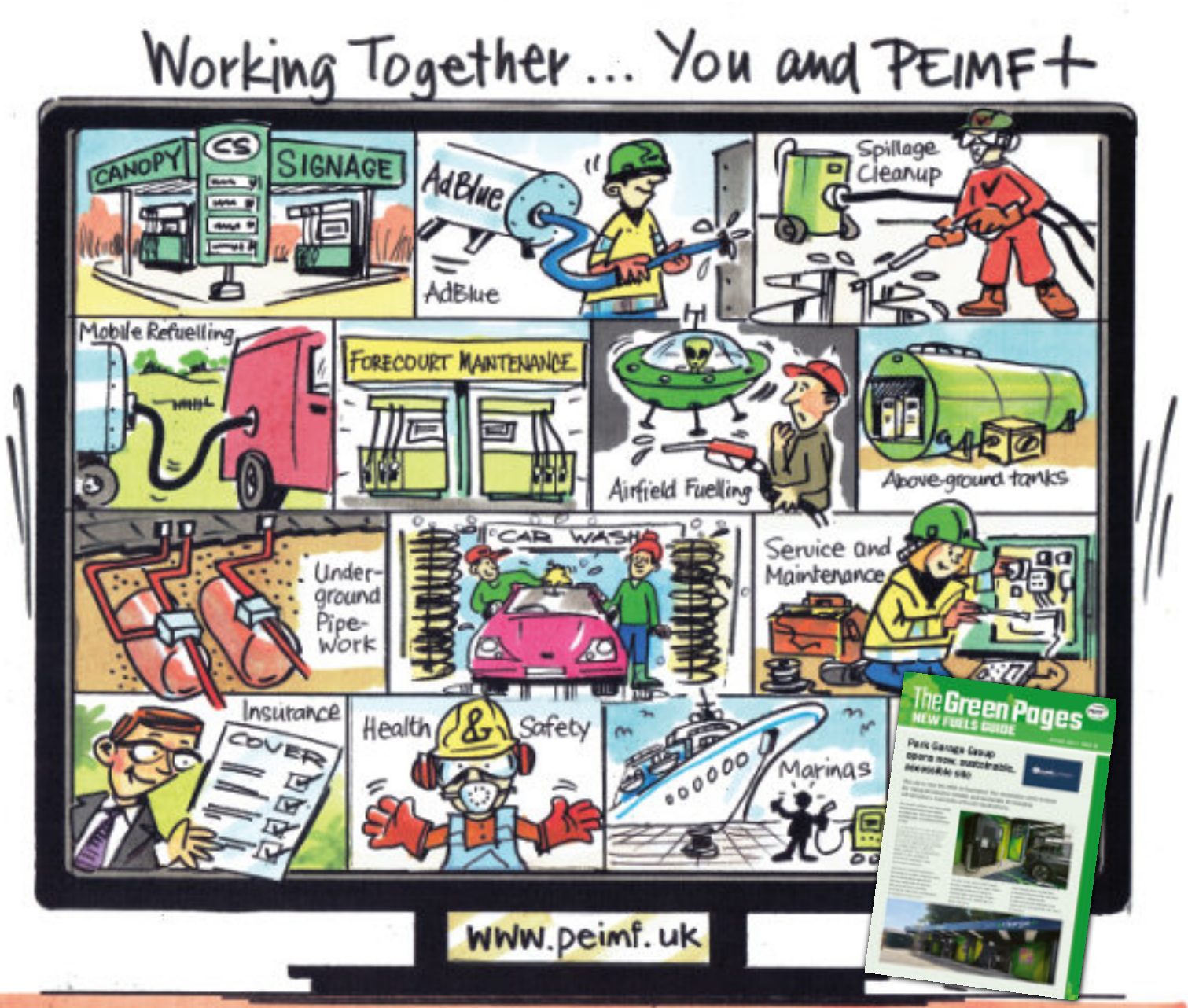
Insite

Insite is the official magazine of PEIMF+



PEIMF+
The future of fuel and energy services

In this issue :

- Vehicle washing
- See us at APEA Live
- All PEIMF+ members inside

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Interesting, important, industry info

I'm pleased to share with you our consistent mix of interesting and important industry articles.

Whether your focus is underground or overground, traditional or new, our varied contributors have provided something for everybody. So whether it's tank gauging you're interested in, or Ai and forecourt money spinners, please take the time to browse through.

All editorial articles are supplied by our PEIMF+ members (just one of a range of benefits we offer – not bad for £195 a year!)

And on a sad note, we said goodbye recently to another industry stalwart – Martin Tamplin. We pay our, hopefully fitting, tribute on page 6. A lovely man, sorely missed.

APEALive exhibition: November 14th

And finally, hopefully we'll see you in November, at APEALive, Milton Keynes. Please come along to our stand (D13).

David Honeyman, Editor

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Front cover illustration
Brian Sage

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The Green Pages
New Fuels Guide

8 pages packed with specialist information on new fuel technologies

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Advertisers and the suppliers of contributed articles are asked to ensure that material submitted is fair and accurate at all times. The Editor reserves the right to amend or withdraw such material which may not comply with this request after consultation.

HYTEK working in partnership with Fuelmii

Transforming the mobile fuel delivery vision: A startup success story

Several years ago, we were approached by the CEO of Fuelmii - Tuguy Dervish, who had an idea he wanted to bring to life. He envisioned a revolutionary concept for mobile fuel delivery to the public, with not a fuel station in sight.

Initially, the request seemed simple: provide a mobile pump to dispense petrol. However, our in-depth discussions quickly revealed the complexities and stringent requirements involved in creating a compliant and safe mobile fuel dispensing system.

The challenge

The project posed significant challenges, including:

- Ensuring the vehicle and dispensing equipment met the high safety and regulatory standards outside traditional service stations.
- Complying with Weights & Measures regulations for mobile fuel dispensing.
- Developing safe operating procedures and comprehensive training for operators.
- Designing the van layout to adhere to hazardous zone regulations.
- Maximizing the allowable payload for operational efficiency.

The solution

Leveraging our industry expertise and extensive network, we orchestrated a collaborative effort among several specialised companies:

- **Coach builders:** who converted the vans to meet specific requirements.
- **Notified body consultants:** who ensured compliance with Hazardous zones, ATEX standards, and directives.
- **Health and safety experts:** who developed necessary procedures and adherence to ADR regulations for transporting dangerous goods.
- **APEA representatives:** who provided industry-leading insights.
- **Fuel tank suppliers:** who ensured reliable and safe fuel storage.
- **Installation teams:** who installed and commissioned the fuelling equipment.
- **HSE and National Measurement Office:** who offered guidance and approvals.
- **Fuel management specialists:** who enabled comprehensive logging, tracking, and reconciliation of fuel transactions.

Over six months, this dedicated team achieved an approved van design that met ATEX & ADR requirements, gained resale approvals for mobile refuelling, and developed detailed health and safety processes.

The pivot and growth

While the initial focus was on delivering petrol to affluent car owners in central London, it soon became evident that the true growth potential lay in delivering diesel in volume to commercial operations. With this insight, we applied our proven approach to develop a fleet of diesel vehicles, ranging from single tank dispensers to 16-tonne vehicles.

The results

In just five years, our collaborative efforts helped transform this startup into a multi-million-pound enterprise with international investors, five depots across the UK and expansion plans in Europe; with a large fleet and dispensing millions of litres of fuel annually. Despite new market entrants attempting to replicate this model, our rigorous standards and effective solutions have kept the competition at bay. They have gone to secure a patent in the UK and overseas stopping this being replicated again.

Being part of this journey from the outset, witnessing the company's exponential growth, and continuing to innovate with green fuel solutions has been an honour. Our team is immensely proud of the lasting impact we've made and the strong partnership we maintain with the business.

If you have a challenge that you need some support with, we'd be only too happy to discuss it with you. Just get in touch at **sales@hytekgb.com**.

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A sad loss to the industry

We lost another well-known industry stalwart this year – Martin Tamplin. Some kind words have been shared from his friends and colleagues.

Martin Tamplin's great friend and colleague, Paul Cooper, offers a few words.

Martin spent over 44 years in the industry. He was a great colleague, whose knowledge of dispenser installation was second to none. He was a great friend who was always up for a giggle, and he loved to travel.

He was passionate about his cars (mainly fast ones) bikes (mainly fast ones) and reminiscences about his boat ownership.

Steve Watts reflects on 'The early years'

I was at Lectronic Specialist and would often call on Martin when a pump sales opportunity came along. He was always there to answer any questions and, of course, ready to do a deal!

Relaxing with a rare cocktail in the sun

Working with Martin at Gilbarco was always great fun and he was a pleasure to manage, with his wealth of experience and customer knowledge; and always up for a challenge.

Back then, most sites were oil company owned but Martin was able to adapt, whether he was dealing with Esso or the local independent. His customers stayed loyal, even when he moved companies, showing just what great relationships he had.

Being a friend as well as a colleague, I know Martin will be sadly missed by everyone that knew him.

Left: Look at the flares and the posh Range Rover

LCM unites under bold new brand identity

LCM's Burnley office, delighted with their new brand identity, values and direction. Richard Wallace, CEO of LCM, led the rebrand launch.

LCM (Previously LCM Environmental Group), a leading critical infrastructure and energy services provider, unveiled a strategic rebrand recently. Unifying LCM Environmental, RPM Ltd, and PIS Ireland under one brand strengthens their reach and solidifies the divisions under the same slogan, values and platform.

This reflects a transformational focus on innovation, sustainability, and exceptional reliability.

The company's new brand platform, "People who rely on reliability, rely on LCM," speaks volumes about their unwavering commitment to exceeding expectations. LCM's purpose is
set to 'ensure the wheels of the world keep turning'.

CEO Richard Wallace said:

"This rebrand unifies our services and solidifies our position as a national and overseas leader. Our new identity is not just a new image; it reflects our commitment to providing clients with reliable and comprehensive critical infrastructure solutions."

LCM Environmental's rebrand to LCM signifies a commitment to four key pillars: unmatched reliability, sustainable innovation, expanded services, and global strength.

They offer a comprehensive range of critical infrastructure and environmental services, including fuel quality management, clean energy transition, coatings and linings, and more.

www.lcmenvironmental.com

The world's most advanced forecourt protection and parking solution.

VARS TECHNOLOGY

The VARS system can protect your forecourt in many ways

VARS Dashboard allows simple 2 click management of the site for operators

Each vehicle that arrives or leaves the site shows at the top left corner of the screen. The operator can add any vehicle to the Blacklist with 2 clicks on the touchscreen

State-of-the-art ANPR solution

Preventing and reclaiming millions of pounds of retail fuel loss for forecourts

Fully compliant accredited member of the British Parking Association

Simple and fast reporting No Means of Payments and Drive offs

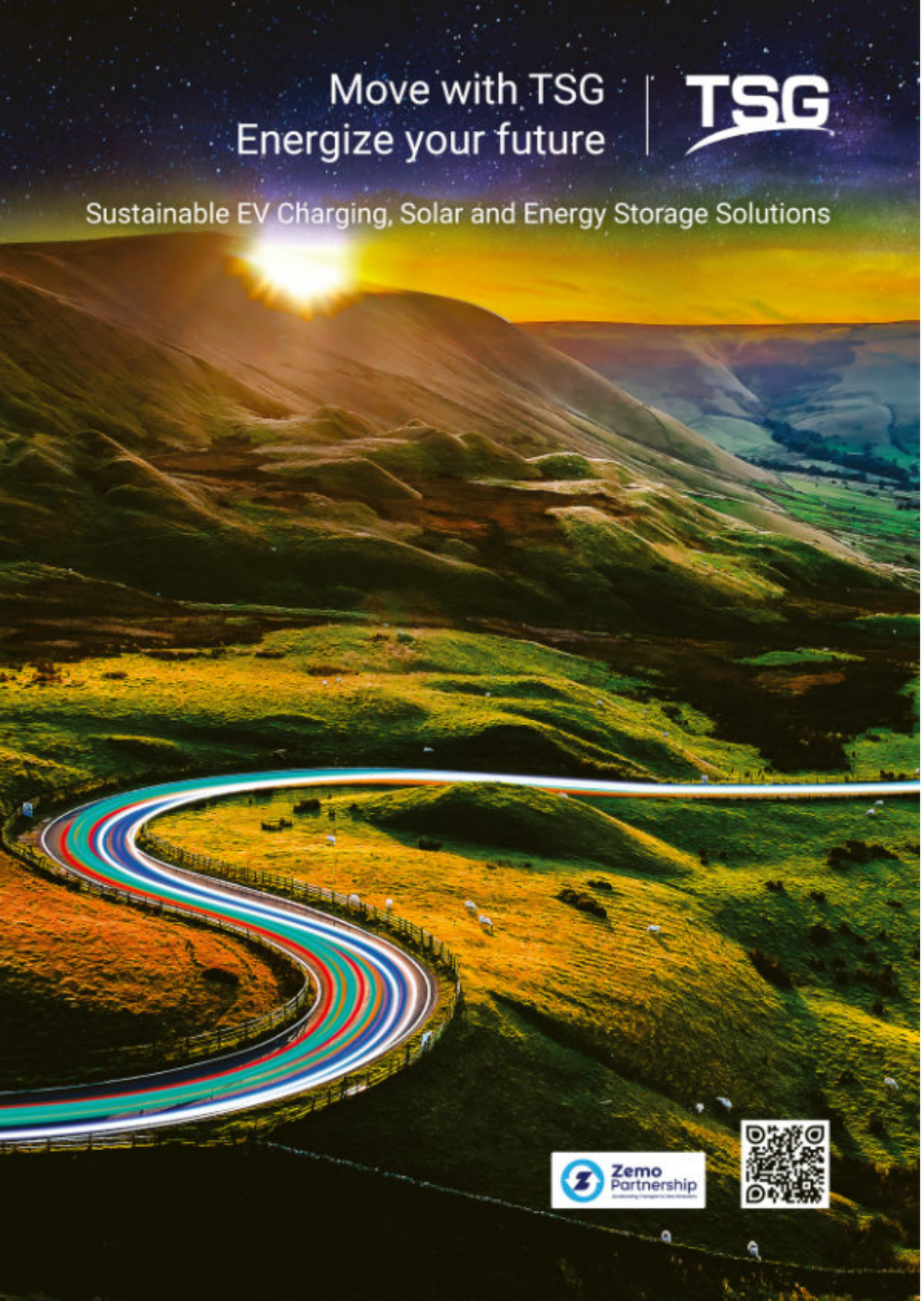
Audible and visual alerts of Blacklisted vehicles

VARS Parking will allow you to manage your parking spaces in the following ways:

- **Charge for a select few bays for hourly or all day parking**
- **Charge for overstay if people spend too long in the car park**

VARS TECHNOLOGY

varstechnology.co.uk



Artificial intelligence – fuelling the future of health and safety on the forecourt

Artificial Intelligence (AI) offers genuine solutions to help the forecourt retail sector prioritise health and safety compliance, ensuring operational resilience and sustained growth in an increasingly competitive market.

Safety protocol is paramount in any workplace, however, these policies and procedures hold a greater significance in the inherently risky forecourt sector, with a potentially dangerous mix of explosive vapours, liquids and airborne contaminants.

A robust health and safety strategy is established and maintained with clear, firm guidance from a strong leadership team and comprises all management, employees, suppliers, contractors and customers.

Petrol forecourts are no longer just places to refuel; they have evolved into dynamic hubs where convenience and consumer experience unite. With the rapid growth of electric vehicles (EVs), forecourt retail is undergoing a seismic transformation, introducing further operational challenges into the mix and making health and safety compliance more critical than ever.

The UK government requires employers to adhere to specified regulations and safety standards, however, taking responsibility for safety on site isn't just the law, it is a moral obligation.

By harnessing the power of AI, forecourt owners can streamline health and safety processes, mitigate potential risks and simplify the complexities of compliance and reporting. This article examines the benefits and potential pitfalls of this incredible technology.

Benefits of AI

Risk Management: AI-powered surveillance systems and sensors can continuously monitor the forecourt in real time for potential hazards, such as fuel spills or unauthorised access to restricted areas. These systems can instantly alert staff and emergency services, enabling a swift response and facilitating immediate action to mitigate risks.

Predictive Analytics: AI can analyse historical data to predict possible safety issues before they occur. For example, AI can identify patterns that lead to accidents or equipment failure, allowing for proactive safety measures and preventative maintenance, which will ultimately reduce downtime.

Customer Safety: AI can improve customer safety by managing traffic flow on busy forecourts, By analysing patterns and predicting peak times, these systems can optimise the movement of vehicles and pedestrians, enhancing safety and efficiency.

Advanced Training: AI-driven simulations and virtual reality (VR) are being used to train forecourt staff in handling emergencies and understanding safety protocols. This provides a more immersive and effective training experience and can help workers rehearse handling hazardous situations in a controlled environment, improving preparedness and response times in real-life situations.

Furthermore, AI can be used to create interactive training modules that educate employees on the importance of personal protective equipment (PPE) and proper usage; this training can be tailored to specific roles and areas within the forecourt.

PPE Usage: AI-powered cameras and sensors can monitor employees in real time to ensure they are wearing the correct PPE for their designated work areas.

If the system detects a worker without the necessary PPE, it can immediately alert the individual and supervisors, reducing the need for manual checks. In addition, AI systems can be programmed to recognise different types of PPE and the specific areas where they are required, analysing the data to identify trends and areas for improvement.

Continued on p10

Continued from p9

Compliance and Reporting: AI systems can help ensure compliance with health and safety regulations by automatically generating reports and tracking adherence to safety protocols. By automating data collection and analysis, AI can help identify the principal causes of accidents and propose corrective actions to prevent future incidents.

Emergency Protocols: AI can automate emergency response protocols, ensuring that the correct procedures are followed immediately. This includes shutting down fuel dispensers, activating fire suppression systems and notifying emergency services. AI-driven systems can facilitate better communication during emergencies, for instance, AI can manage and prioritise emergency calls, ensuring that critical information is relayed quickly and accurately to the right personnel.

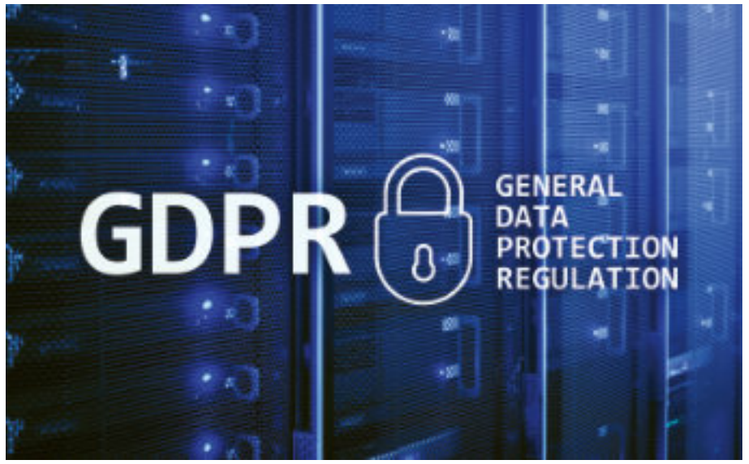
Challenges of AI

Cost: The initial investment in AI technology can be high. This includes the cost of hardware, software and ongoing maintenance.

Data Privacy: AI systems often rely on large amounts of data, raising concerns about how this data is collected, stored and used. Keeping up with evolving regulations related to AI and ensuring compliance can be challenging.
This includes adhering to safety standards and data protection laws.

Integration: Integrating AI with existing forecourt systems can be complex.
It requires compatibility with current infrastructure and may involve changes to operational processes.

Security Risks: As with all advanced technology, AI systems can be vulnerable to cyber-attacks.



Ensuring robust cybersecurity measures are in place is essential to protect sensitive data and maintain system integrity.

To conclude

As fuel retailing adjusts to the impact of an advancing automotive market and shifting consumer behaviours, proactive management of health and safety and compliance will differentiate market leaders. By embracing AI technology, fostering a culture of safety and staying ahead of regulatory changes, forecourt retailers can navigate the evolving landscape while delivering exceptional customer experiences.

Health and safety at TSG UK

TSG has over 30 years of experience in health and safety for the forecourt sector, with skilled professionals leading the team to safeguard all of its employees against the potential dangers associated with the industry.

The emergence of AI within the fuel retail sector has been welcomed by TSG, as it creates a safer working environment for its technicians to perform service and maintenance assignments on the forecourt.

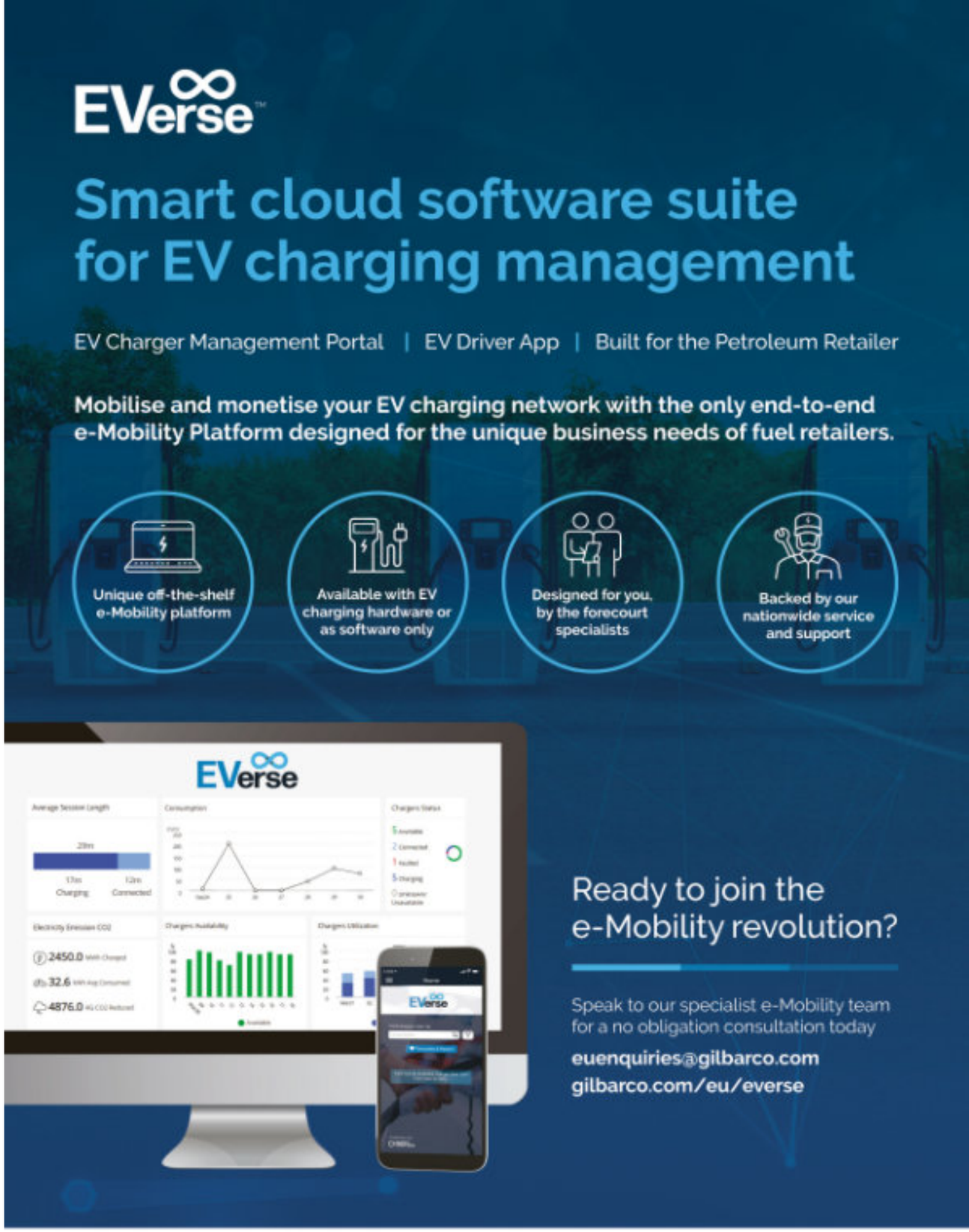
The integration of AI into forecourt operations not only enhances safety but also improves efficiency and customer satisfaction. TSG can assist station owners in selecting the right equipment to make a notable difference in the standard of health and safety on their site.

TSG's health and safety culture

Every TSG field technician is enrolled in an ongoing training programme and regularly undergoes lengthy and intensive hazardous zone tuition to maintain a safe working environment for themselves, site staff and visiting motorists/shoppers.

TSG companies throughout Europe, Africa and the UK demonstrate their commitment to health and safety by holding annual safety days across the group. These popular events are well supported and provide necessary insight into new legislation and recommended best practices. However, health and safety are so much more than a set of rules promoted on one day of the year, they are an integral part of the culture of TSG.
To maintain a truly safe workplace, TSG employees consider health, safety and mental well-being to be of the highest priority in all activities both on and off the premises.

Employee engagement is key to the success of any initiative and safety is no different. TSG staff are encouraged to look for and report potential risks, propose new ideas and most importantly, take great care of themselves and their colleagues.



Ancorra Environmental Services

Dedicated to fulfilling all your industrial service requirements to the highest standards

With over 150 years of experience across our team, it's no wonder our customers trust Ancorra to complete work to the highest standards.

Services offered by Ancorra: Including our newly acquisitioned Civils & Maintenance team as well as our Fuel Management team.

Fuel Polishing

'Fuel Polishing cleans and decontaminates fuel'.

Saving you money and eliminating waste product.

When your fuel integrity becomes compromised due to excess sludge, water or microbes, then you have two choices; Dispose of all fuel entirely and start again or you can take full advantage of Ancorra's specialist fuel polishing unit. This pumps out contamination, filters out the water and puts the cleaned fuel back into the tank, enabling you to pass any inspections.

Civils & Maintenance

'For all the essential infrastructure that keeps your forecourt functioning, we have a special suite of services to match your requirements'.

When something in your forecourt is not working in order, we can provide this essential repair work quickly, efficiently and conveniently.

From groundworks to interceptors, to aco drain repairs and even tank refurbishment, tank removal or pump services, our highly qualified operatives can be on site to carry out these important tasks and make recommendations to save you time, money and unexpected mishaps.

Tank & Industrial Cleaning

'With the right skills and correct equipment, we can deliver a bespoke service just when you need it' .

Ancorra provides a range of services for your tank and cleaning requirements, including bespoke tank maintenance schedules – whenever you need them. Beginning with a full-scale site survey and carrying out the work in line with all current legislation and best practices, we can ensure your tanks, pipes and vessels are fit-for-purpose. This all comes together with proof of all work prepared and implemented. Man-entry and non-man entry methods are available.

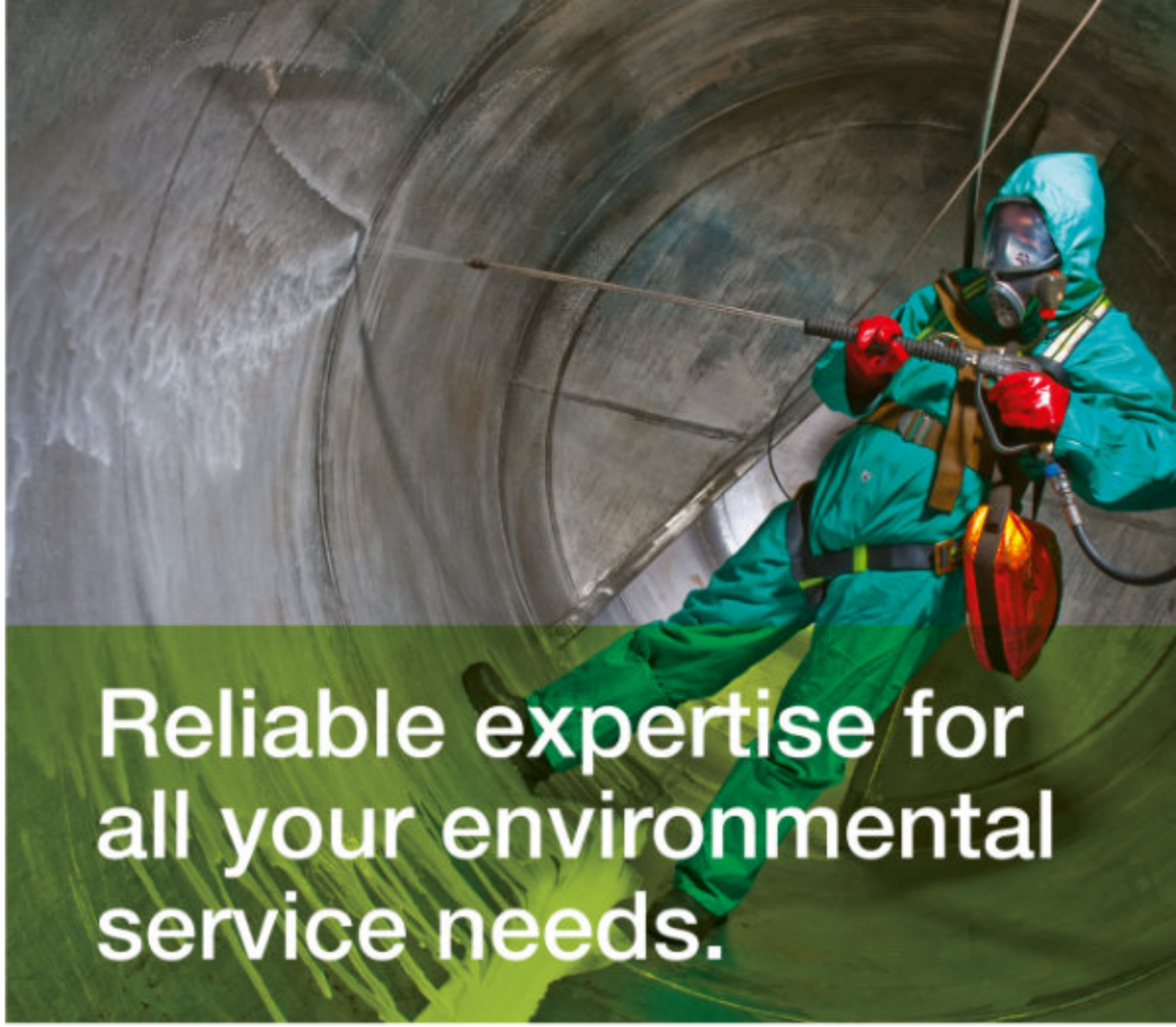
Foaming

'Our in-house foam filling technology provides cost effective solutions for redundant tanks'.

Whether you are wanting to decommission a tank or just provide a semi – permanent solution for a redundant tank, our foam filling solutions are quick and cost effective. For tanks holding flammable material, there is no need to gas free the tanks before injecting the resin, unlike concrete or water filling. All that is required is for the tanks to be emptied of residues beforehand, as the foam absorbs any hydrocarbons left present in the tank inert and safe.

Complete range of services;

- 24 hour emergency spill response
- Specialist vessel and tank cleaning
- Forecourt maintenance services
- Fuel uplift & transfer services
- Interceptor maintenance service
- High pressure jetting
- Bulk liquid transport
- Disab vacuum hire
- Site maintenance & shutdown
- Waste management



- Tank and vessel cleaning
- Interceptor cleaning
- 24 hour emergency spill response
- Fuel uplift & transfers
- Grade changes
- Fuel recycling
- High pressure jetting
- Foam filling
- Tank decommissioning and removal
- Water filling and dewatering
- Waste management
- Forecourt maintenance

For more information about Ancorra Environmental Services

ancorra environmental services

apea

ancorraenvironmental.co.uk 0151 546 3012

‘Revolution’ laundry wash goes from strength to strength

As MFG plan to install machines in 300 sites

MFG is the UK’s largest independent forecourt operator, with over 1200 sites. The company is building on a rising interest in forecourt laundry services, by building on their original 4 installations and installing around 300 additional washes.

The development in laundry joins jet washing and electric vehicle charging as significant areas for development at the business.

This partnership with ME Group offers a unique, convenient service with rapidly growing demand and an attractive commission based on turnover,

ME Group say that MFG is a fantastic partner for Wash.Me Revolution laundry services, due to their focus on providing convenient retail and service options to their customers. There is a significant opportunity for Wash.ME Revolution machines across the UK and this partnership is indicative of our intent for the UK market and allows for rapid progress in geographic expansion across the UK.

The majority of the units are owned, operated and maintained by ME Group, which pays the site owner a commission based on turnover, but it also sells the equipment accompanied with service contracts.

What exactly is a ‘Revolution’ Laundry Unit

These are outdoor self-service laundry machines, operating 24 hours a day, 7 days a week; utilising highly efficient,

energy saving, high-speed washes, with nine and twenty kg drums, with 24/7 access.

Robert Mortimer is Head of ‘Revolution’ ME.

He says:

“You’re benefiting from rapidly growing brand awareness. We invest over £40,000 per site, which is completely free to the retailer. The revolution is here - and you really do have to get in before it’s too late.”

1,000 units nationwide

Forecourts need only 2 car park spaces, access to a foul drain and 3 phase power, in order to place a ‘Revolution’ unit on-site. Installs take less than 24 hours, and customers can begin using the machine for their laundry immediately.

Robert continues;

“We are on schedule to have 1,000 units installed now nationwide, with some machines doing upwards of £40k a year. A machine that’s doing five thousand washes a year - that’s 5,000 forecourt customers. Our impressive roster of partners includes top 10 independent groups: SGN Retail, Park Garages, Penny Petroleum, Welcome Break, Certas, Karen Retail, Moto, Co-op and Morrisons”.

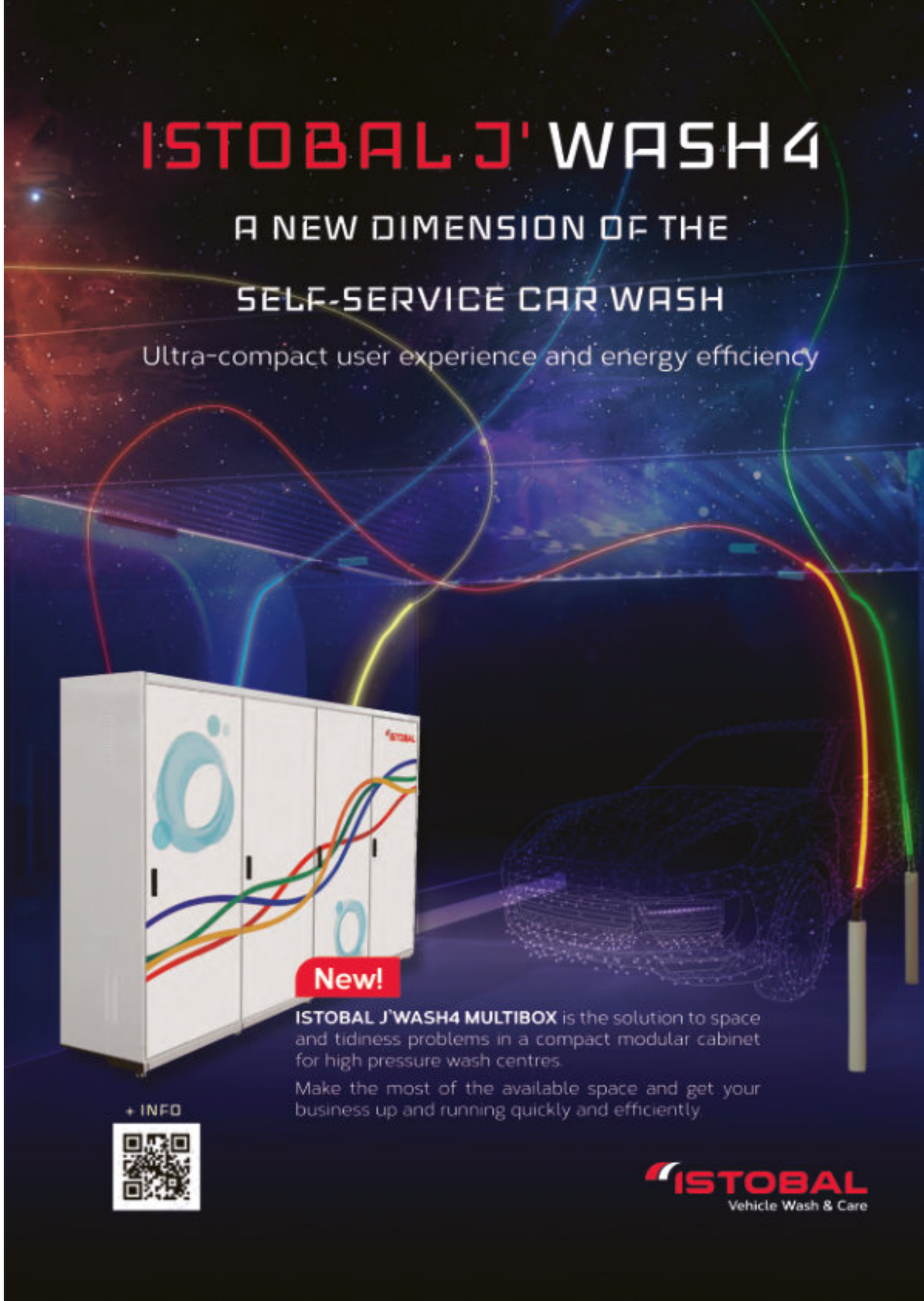
ME Group continues to rapidly expand its estate with the rollout of machines in high footfall locations.

The benefits of a ‘Revolution’ external laundry unit

- Income generated from dead space on your forecourt
- Increased footfall at your site and new repeat customers
- Highly secured laundry machine with contactless payment
- 9KG washer, 20KG washer and 20KG dryer in one unit
- Fully managed unit at no additional cost
- Machine maintained and refilled by trained engineer

Revolution laundry services operate around 6,000 units, across 12 countries, with machines typically located on high-footfall sites.

www.me-group.com



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TSG's Eco-Wash: clean cars, clear conscience

In an era where environmental concerns are front and centre, businesses everywhere are redefining their practices to align with eco-conscious values. One such business sector undergoing a significant transformation to embrace sustainability is car wash.

Traditional car washes have adversely affected the environment for many years, wasting copious amounts of water and using powerful chemical detergents. The waste from this type of wash, laden with contaminants, ultimately finds its way into bodies of water, disrupting ecosystems and potentially polluting water supplies.

Furthermore, the power-hungry processes of these automatic car washes have contributed to greenhouse gas emissions, further compounding the industry's impact on the planet.

Thankfully, as the demand for environmentally responsible options surged, the wash sector sprang into action and invested heavily in green technology, and now the future looks bright for the eco-friendly car wash.

Sustainability in wash solutions

The vehicle wash business is a flourishing and lucrative industry, however, when investing in a new wash solution, proprietors must exercise due diligence to verify the system will seamlessly integrate into the business' sustainable operations strategy. Specifically, a low consumption of water and energy coupled with eco-friendly effective detergents, whilst consistently delivering excellent cleaning results.

Innovation in water-efficient technologies, developing environmentally friendly cleaning agents, and incorporating smart operational practices are anticipated to become standard in the wash industry. By choosing these sustainable alternatives, consumers play a vital role in fostering a cleaner, greener future, one car wash at a time.

Saving energy

Instead of cleaning with hot water like traditional car washes, eco-friendly wash solutions use pressurised cold water. It takes far less energy to pressurise water than to heat it, making the process more economical for the business while decreasing the load on the national grid.

The recent rise in the popularity of solar energy has seen many car washes installing solar panels on their premises to power lighting and other electrical equipment, reducing expenses and improving financial performance.

Saving water

Environmental protection and sustainability are a top priority for all responsible car wash manufacturers. The shift toward eco-friendly car wash solutions underlines a collective commitment to preserving the planet while maintaining the convenience and aesthetics that vehicle owners demand. The usage of water cannot be avoided at any car wash, however, water reclamation systems can and do work to minimise wastage.

By applying natural and biological processes, the wastewater can be filtered and cleaned in the system without the use of any chemicals. Turning dirty wastewater into freshly treated reclaimed water, which is then fed back into the cycle; meaning that almost all of the water can be repurposed.

Recycled water can be used repeatedly, reducing the total amount of water needed and mitigating the risk of pollution to the rivers and streams.

Saving the environment

Eco-cleaning, or green cleaning, is utilising sustainable cleaning products to conserve an ecological balance by not depleting natural resources.

An eco-friendly car wash uses only non-corrosive, biodegradable and non-flammable detergents, shampoos, waxes and other cleaning agents.

Today detergents must meet stringent requirements to effectively combat dirt,

be efficient and not pose any risks to the users or the environment. These products break down naturally, ensuring that no harmful chemicals enter the soil or water systems.

Noise reduction

Noise is a common concern cited by many residents around the country who are close to a carwash or in an area where the town is considering the building of a new wash.

Car wash manufacturers are committed to offering more sustainable solutions that can meet the high-performance standards of the industry. Looking ahead to the future, they will continue to evolve equipment to reach new low standards in the areas of noise reduction and energy consumption while maintaining superior performance and increased customer satisfaction.

TSG is here to help

In an exclusive partnership with Kärcher, TSG delivers first-rate, professional exterior/interior cleaning and wash solutions for both cars and commercial vehicles, trucks and buses. These Karcher tailor-made, self-service wash systems are renowned for their flexibility, designed to suit the operational requirements of any site and meet the exacting needs of the customers.

Specialising in the supply and installation of professional fully automated car/van wash solutions, Karcher jet washes and Karcher vacuum cleaners, backed up by an extensive service and maintenance package.

TSG offers a planned preventative maintenance (PPM) service across the UK, managing the needs of any type and size of facility, from the small independent car wash right through to multinational commercial fleet operations, avoiding potentially expensive and time-consuming interruption of business operations.

Owners of professional vehicle wash facilities need flexible solutions that deliver maximum results with minimum downtime. For complete control, TSG provides a vehicle wash solution that is fully integrated into the back-office management system and customer payment options.

Furthermore, TSG can supply a variety of high-performance detergents to deliver superior wash results. These cleaning agents are formulated to provide the best possible protection for the operator, equipment, vehicles and the environment.

For more information on TSG UK's services and solutions visit: www.tsg-solutions.com/uk

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The rise of jet washing

In recent years, the forecourt valeting sector has seen a significant shift towards more regulated and environmentally friendly car valeting practices.

One of the most notable changes is the increasing preference for jet washing over the use of unregulated hand car washes. This shift is driven by several factors, including the ease of jet washing, the closure of unregulated hand carwash locations through the lobbying by the Carwash Association, and a heightened awareness to environmental factors and modern day slavery by the general public.

Jet washing, is a highly effective method for cleaning vehicles.It uses high-pressure water and eco-friendly cleaning agents to remove dirt, grime, and other contaminants from surfaces, making it an efficient solution.

Partnering with AIR-serv, who operate the largest estate of Jet washes in the UK, offers numerous advantages: such as a large network of directly employed service engineers, unified van to speed up repairs and ensure machine uptime, customer satisfaction and importantly revenue generation.

Richard Sweet, AIR-serv Sales & Marketing Director for UK & Ireland commented;

"For retailers to attract customers to their Jet washing facilities they need to get the basics right. Offering convenience and providing reliable and well-maintained equipment, located in well-presented locations will help. Jet washing offers a quality and cost-effective alternative to using an unregulated hand car wash.

And by upgrading their jet wash estate to offer contactless payment and upgraded services such as the popular foam lance and brush, and new air blaster vehicle dryer, they can stand out from the competition and generate repeat customers."

AIR-serv provide tyre inflation machines, vacuums and Jet washes to petrol forecourt operators across 7 countries including the UK. Celebrating their 40th anniversary in 2024, AIR-serv are the trusted partner for forecourt valeting.

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Clean Diesel Refuelling

When refuelling with Diesel, the outside of the spout is covered with Diesel. It migrates down the nozzle body after stowage.

To avoid this, all Elaflex ZVA Slimline 2 nozzles are fitted as standard with an integrated Diesel **Drip Catcher.**

For further improved Diesel refuelling, specify optional **Drip Stop** magnet valve, incorporated in the spout. It stops the Diesel dripping, contributing to clean forecourt floors.

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www.elaflex.co.uk

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Fuel Management · One Solution

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The Green Pages
NEW FUELS GUIDE

PEIMF+

AUTUMN 2024 • ISSUE 19

Park Garage Group opens new, sustainable, accessible site

The site is near the M55 in Blackpool. The installation aims to meet the rising demand for reliable and accessible EV charging infrastructure, especially at tourist destinations.

The project includes new high-voltage infrastructure and weatherproof canopies from NIS Signs, designed with PAS1899 accessibility standards in mind.

In collaboration with Helix Renewable Energy Services, the site will feature three 480kW chargers. The units can provide high-powered charging to a single vehicle or split the power between two. This flexibility makes the site suitable for commercial operators, taxis, and standard vehicles.

The site incorporates advanced technology to reduce charging times and minimise driver downtime. Roof-mounted solar PV panels will power on-site amenities, showcasing the holistic possibilities of charging infrastructure.

This site is the first in Park Garage Group's broader rollout plans. Future locations are set for Rushton in Northampton, Sevenoaks in Kent, and Scholes near Cleckheaton in West Yorkshire.

Park Garage Group's expansion is helping to decentralise the focus of the UK's infrastructure. These futuristically designed hubs appear to be a blueprint for the future of charging.

Hybrids escape 2030 ban

The Government has confirmed it will reinstate the 2030 ban on the sale of new vehicles that solely run on petrol and diesel – but some new hybrid cars will be allowed on forecourts until 2035 in the UK.

A final decision is still pending on which hybrid cars will be permitted to remain on sale, with consultations set to take place with car manufacturers and other stakeholders.

Ministers are planning to reintroduce a 2030 ban on new petrol and diesel cars, a plan which was scrapped by former Prime Minister Rishi Sunak in 2023.

A Department for Transport (DfT) spokesperson said:

"The original phase-out date included the provision for some hybrid vehicle sales between 2030 and 35. We know it is important to provide certainty and stability for drivers and will set out further details in due course."

Hybrid vehicles combine an internal combustion engine with an electric motor and battery. This helps improve fuel efficiency and reduce emissions, with the electric motor powering the wheels and the engine topping up the battery when necessary.

Hybrid vehicles can run on pure electricity at low speeds. They also use kinetic energy, released under braking, to recharge the batteries.

Annual Fuels Statistics report published by Fuels Industry UK

Fuels Industry UK has published the 2024 Fuels Statistics report, its annual analysis of the latest data from the fuel supply sector.

Building on the association's previous publications, the report provides analysis for those working in the industry, policymakers and all who wish to gain a quantitative understanding of the UK downstream sector.

Some of the headline findings this year are:

- Fuel prices remaining well above 10 year averages despite year on year drops of 10% and 11% for petrol and diesel respectively.
- Increased supply of lower carbon fuels for transport (over 2800 million litres), now also being used for aviation as well as road fuels (95 million litres).
- Evidence that the COVID-19 pandemic has permanently altered mobility patterns, with overall fuel consumption remaining down around 10% (since before 2020).

Elizabeth de Jong, Chief Executive Officer at Fuels Industry UK, said:

"As always, little stands still in the fuels sector and this year has been no different. The past year has seen fluctuating market dynamics, policy shifts, and evolving consumer behaviour, through which the sector continues to supply the fuels the UK needs."

Fuels Industry UK represents eight oil refining and marketing companies that operate the six major oil refineries in the UK and source over 85% of the transport fuels used.

Fuels Industry UK members also own around 1,250 of the UK's 8,000+ filling stations.

Fuels Industry UK's associate members are made up of a wide range of companies - from heating fuel supply and LNG imports, renewable and sustainable fuel producers, to terminals and pipelines - all providing a range of essential services across the industry.

Fuels Statistics 2024 is available on the Fuels Industry UK website or in hard copy on request from the Press Office.

www.fuelsindustryuk.org

SMMT new car registrations

5 September 2023 (data for August 2023)

Hi-res charts available via Dropbox:
https://www.dropbox.com/sh/dfg0ud2ur38w5cp/AAAq-KC99ndufB0h1Dr_VjNga?dl=0

August boost for EV market but regulatory uncertainty threatens future ambitions

- New car market enters second year of growth as August registrations rise 24.4%.
- Battery electric cars take highest monthly market share for the year, accounting for 20.1% of new cars reaching the road.
- Industry warns delay on Zero Emission Vehicle Mandate details puts decarbonisation goals at risk.

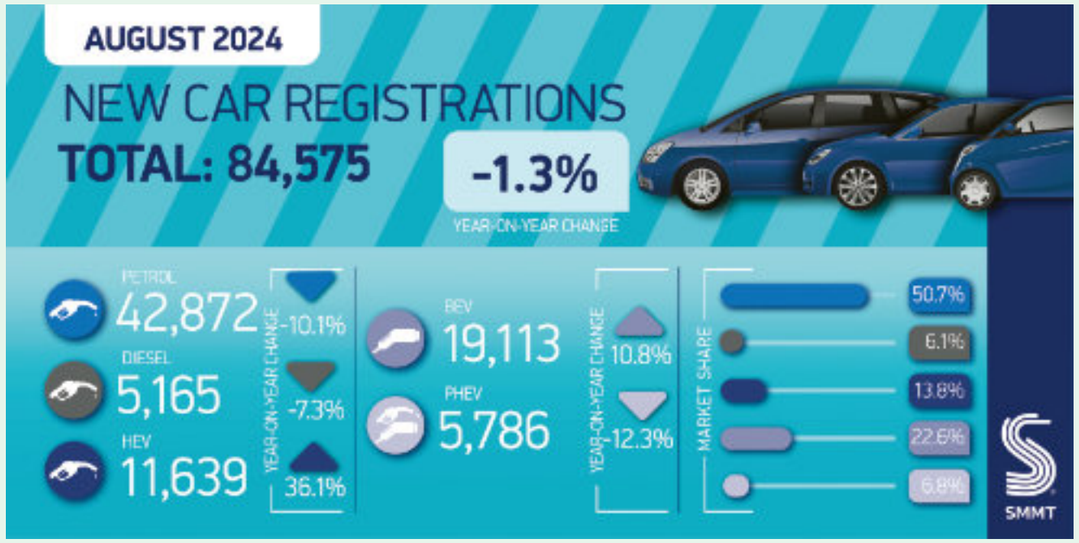
TUESDAY 5 SEPTEMBER, 2023

The new car market grew 24.4% in August with 85,657 new vehicles registered, according to the latest figures from the Society of Motor Manufacturers and Traders (SMMT). While August is typically a quieter month with many buyers choosing to wait until the September numberplate change, an increase of 16,799 units means the sector is now entering a second year of growth. Despite this improved performance, the market still remains -7.5% below pre-pandemic levels.

The increase was fuelled by a surge in registrations by large fleets, rising 58.4% to 51,951 units, while business registrations grew 39.4% to 1,635 units. Conversely, private demand softened by -8.1%, compared with a supply-constrained 2022 market.

Demand for electrified vehicles continued to grow, accounting for almost four in 10 (37.8%) new cars reaching the road. Battery electric vehicle uptake swelled by 72.3% to secure a 20.1% market share, an August record and the highest recorded since last December. Plug-in hybrid uptake also rose significantly, by 70.0%, to account for 7.7% of new registrations. Hybrid volumes remained relatively stable with a 6.8% increase, comprising 10.0% of the market.

However, with less than four months to go until the expected introduction of a Zero Emission Vehicle Mandate, industry still has no sight of the proposed regulation. The automotive sector is committed to Net Zero but the diminishing time threatens the ability of the market to move. Demand from both business and private consumers must be boosted still further if ambitions are to be met, but while businesses benefit from fiscal incentives to switch, there is no similar package for the private consumer market.



AUGUST

	2024	2023	% change	Mkt share -24	Mkt share -23
Private	32,110	32,055	0.2%	38.0%	37.4%
Fleet	51,329	51,972	-1.2%	60.7%	60.7%
Business	1,136	1,630	-30.3%	1.3%	1.9%
Total	**84,575**	**85,657**	**-1.3%**		

Year to date

	YTD 2024	YTD 2023	% change	Mkt share -24	Mkt share -23
Private	468,345	527,426	-11.2%	37.8%	44.7%
Fleet	743,259	623,699	19.2%	60.0%	52.9%
Business	27,251	28,173	-3.3%	2.2%	2.4%
TOTAL	**1,238,855**	**1,179,298**	**5.1%**		

AUGUST

	2024	2023	% change	Mkt share -24	Mkt share -23
Diesel	5,165	5,574	-7.3%	6.1%	6.5%
Petrol	42,872	47,688	-10.1%	50.7%	55.7%
BEV	19,113	17,243	10.8%	22.6%	20.1%
PHEV	5,786	6,601	-12.3%	6.8%	7.7%
HEV	11,639	8,551	36.1%	13.8%	10.0%
TOTAL	**84,575**	**85,657**	**-1.3%**		

YEAR TO DATE

	YTD 2024	YTD 2023	% change	Mkt share -24	Mkt share -23
Diesel	80,093	92,043	-13.0%	6.5%	7.8%
Petrol	674,312	669,034	0.8%	54.4%	56.7%
BEV	213,544	193,221	10.5%	17.2%	16.4%
PHEV	100,457	80,458	24.9%	8.1%	6.8%
HEV	170,449	144,542	17.9%	13.8%	12.3%
TOTAL	**1,238,855**	**1,179,298**	**5.1%**		

BEV - Battery Electric Vehicle; **PHEV** - Plug-in Hybrid Electric Vehicle; **HEV** - Hybrid Electric Vehicle. Diesel and Petrol figures include Mild Hybrid Electric Vehicle (**MHEV**)

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UK’s first Hydrogen power generator showcased at the Hillhead show

Commercial Fuel Solutions Limited and e-power showcase hydrogen power generators to the construction industry.

The UK’s first internal combustion hydrogen powered generator, 45 kVA continuous power, with complete turnkey solution; available for purchase and hire now

Commercial Fuel Solutions Ltd (CFS), specialists in the design, development and distribution of fuel storage and transfer systems, recently showcased the UK’s first commercially available hydrogen internal combustion power generator. As exclusive UK distributors for Belgian generator specialists e-power, CFS will be offering the 45 kVA Hydrogen Internal Combustion Engine (H2ICE) electrical power generator for purchase and hire. Showcasing the H2ICE generator at the Hillhead Show, the UK’s premier construction event, the partnership underscores Commercial Fuel Solutions’ knowledge and expertise with respect to safe hydrogen deployments.

GROUND-BREAKING

The e-power® E45 hydrogen power generator is a ground-breaking product, designed to operate on any grade of hydrogen; revolutionising the benchmarks for clean, efficient, and cost-effective energy generation. Utilising a hydrogen combustion e ngine, this generator is a more robust technology than traditional fuel cell technologies, providing a resilient solution for diverse power requirements at a fraction of the usual capital expenditure (CAPEX).

Robin Futcher, Founder and CEO of Commercial Fuel Solutions, said;

“We were thrilled to showcase the 45 kVA H2ICE electrical power generator at Hillhead. This generator is ideal for construction companies looking for a cost-effective, eco-friendly, and high-performance solution for power generation. With its lower CAPEX, ability to withstand fuel impurities, and decreased fuel expenses, it is the clear choice for businesses committed to investing in the future of hydrogen energy and making substantial strides in reducing their carbon footprint.”

CFS offer a comprehensive turnkey package. Alongside the H2ICE generator, the company conducts thorough site safety risk assessments to ensure suitability, integrating DSEAR risk assessments with zoning diagrams and compliance checks. Specially trained technicians manage the installation and commissioning of the generator, while providing necessary training, permits for work, and safe operation oversight. Additionally, CFS provide all service, maintenance, and emergency call-out coverage within the warranty period.

Moreover, they can supply hydrogen safely and reliably, offer remote fuel consumption monitoring, and seamlessly integrate systems into the customer's existing infrastructure.

EMISSIONS-FREE POWER

The 45 kVA H2ICE Generator utilises hydrogen combustion to produce dependable electrical power, offering an emissions-free alternative to traditional fossil fuel-based generators. This method not only ensures minimal emissions but also capitalises on the cost efficiencies of hydrogen when used as a fuel source. Unlike fuel cell-based systems, the H2ICE generator is less vulnerable to impurities in the hydrogen supply, ensuring sustained reliability and reducing fuel costs over time. This affordability makes the E45 hydrogen power generator an attractive option for businesses and operations aiming to minimise their environmental impact through hydrogen power.

Engineered for durability and easy maintenance, the E45 H2ICE Electrical Power Generator's sturdy design is suitable for various applications, from industrial uses to emergency backup power, ensuring uninterrupted critical operations. With reduced fuel expenses and environmental advantages, it presents an ideal solution for forward-thinking enterprises committed to achieving sustainability objectives without sacrificing power or performance.

www.commercialfuelsolutions.co.uk

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Council for Net Zero Transport formed to support new UK Government

The full membership of the new independent Council for Net Zero Transport has now been established.

Confirmed members include representatives from: Academia, Fuels Industry UK, the SMMT, the RAC, the AA, National Grid, Greenpeace UK and many more

Chair of the Council, Lord Deben said:

"The recent High Court decision that the Carbon Budget Delivery Plan was unlawful underlines the scale of the challenge that will be facing the next Government. Progress on net zero has stalled. In some areas we've gone backwards. Transport is one of the most challenging and complex sectors of the UK economy to decarbonise. It is also responsible for around a quarter of the country's greenhouse gas emissions.

"This new Council brings together very experienced people in key positions and with the widest range of perspectives to help us forge an evidence-based, multi stakeholder consensus on how we can maximise the benefits from this essential – and inevitable – transition."

Zemo's Executive Director, Claire Haigh, said:

"Whoever enters Downing Street on 5th July the fundamental challenges for net zero remain the same. Our dependence on fossil fuels exacerbates the threat of climate change and exposes us to ever increasing risks.

"Transport is the fastest growing source of global greenhouse gas emissions. We urgently need to move beyond targets to the delivery of net zero transport. There are huge benefits and industrial opportunities if we get this right. We need a clear roadmap to the destination.

"We're greatly encouraged that so many leading people with large stakes in the transport decarbonisation agenda have readily agreed to work with us to steer UK transport decarbonisation through this next crucial delivery phase."

Zemo Partnership has been working for over two decades to provide unbiased guidance to government and industry around the policy and initiatives needed to accelerate road transport decarbonisation. The Partnership will be working closely with more than 200 member organisations to develop an overall delivery roadmap for net zero transport – supported by underlying sectoral roadmaps – showing the best routes to decarbonised UK transport.

The Council for Net Zero Transport will provide strategic oversight and help to steer the direction. The ultimate objective is to provide the next UK Government with a coherent, consensus-based plan to guide future policy as well as to provide a clearer basis for policy decisions taken at all tiers of government.

Anne Shaw OBE, CEO, Transport for the West Midlands, said:

"There is no lack of ambition among the transport sector to move towards a greener future – indeed in the West Midlands we are taking great strides towards our target of a net-zero carbon region within two decades.

"Our Local Transport Plan is based on the principle of decarbonising our transport and encouraging people to shift from private car journeys to public transport or active travel. We have hundreds of electric buses, more miles of tram lines, bus lanes and cycle routes delivered or under development.

"But we know this may not be enough and we will need Government to get behind us, that is why we joining the Council for Net Zero Transport, pooling our expertise to overcome shared challenges and advise Government so action can be targeted to where it will make the most difference and help us transition towards a net-zero future."

The world's most advanced forecourt protection system

Now with facial recognition

VARS Technology have the world's most advanced forecourt protection system. As well as stopping drive offs and no means of payments, VARS can manage traditional and EV parking using ANPR technology. With many added benefits, and the highest recovery rates in the industry, they are the leaders in this field.

Over the years, many companies have attempted to prevent drive-offs with limited success. According to VARS Technology director John Garnett, recognising this gap in the market, the team behind VARS saw an opportunity.

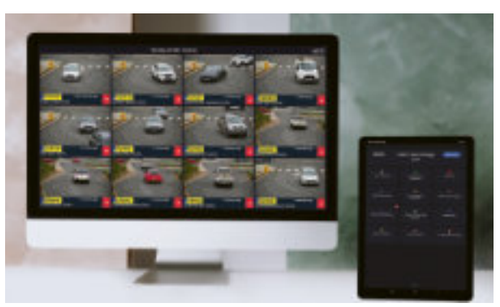
Every vehicle monitored

"Fuel thieves prefer easy targets. Our system's effectiveness lies in this deterrence. This means our system redirects drive-offs to other stations, making those without our system more likely to be targeted."

John explains, that VARS developed a system that reads every vehicle entering and exiting the forecourt, operating behind the tills, monitoring each vehicle.

"If a vehicle has previously committed a drive-off, it is added to our blacklist. When such a vehicle enters a forecourt, an alarm notifies the cashier, providing advanced warning of the vehicle's history of drive-offs, non-payment, aggressive behaviour, retail theft etc. This proactive approach stops drive-offs and crimes before they even occur."

A major advantage of the system, is the quick and simple process for forecourts to report drive-offs back to VARS.



This can be done through the company's tablet - taking less than 30 seconds to report a drive-off and less than two minutes to report 'no means of payment.'

Once VARS receive the claim, they look at the evidence provided, receipt time and date etc of the alleged incident. When the evidence has been verified, the claims team then begin the process, contacting the DVLA for drive-offs, obtaining details, and starting the process of recovering the stolen fuel money. They send two letters to the vehicle owner, and if needed, employ a debt collector; achieving a high recovery rate in as early as two weeks.

Continued growth

VARS has grown quickly over the past few years, their team of employees, and sites covered, doubled from 2023 to 2024

In terms of recovery, VARS claims have an impressive success rate. 90% of NMOP cases are resolved within three days, another 15% within two weeks, and the remaining unpaid cases are treated as drive-offs.

John continued:

"We introduced the system to retailers four years ago. Currently, it is installed in about 1200 forecourts across the UK, with different tiers available based on need, and approximately 500 sites using the full system. Last year, we had claims submitted, worth £2,487,462 and we have recovered well over £1 million for our clients."

FACE: facial recognition

Recently, facial recognition technology has been introduced in shops and supermarkets as a proactive measure to prevent crime and deter antisocial behaviour. This innovative system functions similarly to Automatic Number Plate Recognition (ANPR) systems used in forecourts.

When a crime or suspicious activity occurs, the cashier can input the details into the VARS portal, along with evidence of the incident and a description of what transpired. This will set an alert off when the offender walks into a premises with the VARS Face system.

Once the facial recognition team at VARS receives the incident report, they review the evidence and assess the severity using a scoring system. This system determines the geographical range over which the alert will be shared, ensuring that other nearby stores and supermarkets are aware of potential threats.

By doing so, the technology not only helps to prevent repeat offences, but also enhances overall security, creating a safer environment for both customers and staff.

www.varstechnology.co.uk

Navigating environmental challenges:

A comprehensive exploration of business-relevant pollutants

Adler and Allan recently released their report; *"Navigating Environmental Challenges: A Comprehensive Exploration of Business-Relevant Pollutants."* This meticulously researched document sheds light on key emerging pollutants such as PFAS, compounds from lithium-ion batteries and nanoparticles, and their impact on industries.

Executive summary

In an era of heightened environmental awareness, businesses face unprecedented challenges related to complex emerging pollutants. This report delves into the following key areas:

Understanding emerging pollutants:

They dissect the latest scientific findings on four key emerging pollutants. From microplastics to PFAS, they explore their sources, behaviour, and potential consequences.

Business implications:

How can these pollutants impact your business? The paper provides actionable insights for businesses across sectors including: risk assessment, regulatory compliance, and sustainable practices.

Mitigation strategies:

Discover innovative strategies to mitigate the impact of emerging pollutants. Whether you're in manufacturing, agriculture, or technology, their recommendations help you to make informed decisions.

Collaboration and advocacy:

They emphasise the importance of cross-industry collaboration and advocate for responsible practices, helping you create a cleaner, more sustainable future.

Get your copy

Download the full whitepaper at https://www.adlerandallan.co.uk/knowledge/white-paper/comprehensive-exploration-business-relevant-pollutants.

Stay ahead of the curve and equip your organisation with the knowledge needed to navigate environmental complexities.

About Adler & Allan

They say, that as the UK's most trusted environmental services partner, our mission is to help organisations reduce risk to the environment and their operation, by managing assets compliantly while achieving commercial, ESG and Net-Zero goals.

We facilitate progress by enabling utilities, energy, and industrial infrastructure owners to overcome the biggest environmental challenges of the 21st century. We're doing this by innovating and engineering solutions to enable compliant asset installation and maintenance, and transition to new energy infrastructure whilst reducing environmental risk, operational downtime, reputation damage, and regulatory enforcement.

We do this through:

- **Asset strategy:** building long-term asset plans aligned to organisations' strategic goals.
- **Preventive maintenance:** compliance assessment and asset maintenance to reduce the risk of environmental incidents.
- **Emergency response:** rapid response in the event of an environmental incident.
- **Transitioning assets:** installing new and repurposing old assets to deliver ESG goals and prepare for a Net-Zero future.

www.adlerandallan.co.uk

Adler & Allan
ENVIRONMENTAL RISK REDUCTION

Revolutionising fuel pipework

In the ever-evolving world of industrial technology, innovation is the driving force behind progress. Nupi Industrie Italiane S.p.A., has once again pushed the boundaries of possibility by introducing the industry's largest High-Density Polyethylene (HDPE) fuel pipework. This breakthrough not only showcases Nupi's commitment to customer needs but also sets new standards for the fuel pipework sector.

The demand for large-diameter fuel pipework with a minimum internal diameter of 162.3mm became evident when a special oil gantry site required a staggering 2,000 litres per minute. Traditional steel pipework seemed to be the only solution, albeit an expensive one, prone to corrosion and abrasion, and lacking longevity. It was in this scenario that a customer approached Nupi with a unique challenge. The answer was the birth of:

SMARTFLEX 200mm fuel pipework, along with a full range of fittings.

30 year warranty on SMARTFLEX pipework

Smartflex multifunctional welding machine offers a 3 step safety process: for risk free, long-lasting installation

SMARTFLEX is the complete multilayer piping system for the transfer of automotive and aviation fuels, biofuels and hazardous fluids.

Thanks to an ongoing research and development program, and in conjunction with the major oil companies, the SMARTFLEX piping system has become the leading design system on the market today.

Electrofusion welding

The electrofusion welding system allows for greater protection and leak-tightness. The welding process is carried out at minimum voltages, in compliance with accident prevention standards.

The use of barcodes, that contain important information about the products, allows for initial checks and records, as well as for monitoring during the product lifetime. This ensures complete traceability and a higher degree of reliability.

Smartflex is brand name of Nupi Industrie Italiane S.p.A. one of the largest manufacturers of this type of fuel pipework.

Smartflex and SuperSmartflex obtain EPD Environmental Certification

The commitment made by NUPI continues in determining the environmental performance of its products, through the study of their life cycle (LCA). In addition to the already existing EPDs (Environmental Product Declarations) the company now boasts the same certification for Smartflex/Supersmartflex, multilayer plastic piping system, with electrofusion plastic fittings and mechanical fittings.

The published EPDs have been drawn up in accordance with Standard UNI EN ISO 14025, following the rules of UNI EN 15804 + A1 for construction products, the regulation and PCR of the Italian Program operator, EPDItaly.

Innovation

As Nupi continues to push the boundaries of what is possible in the industry, it eagerly looks forward to collaborating on more special projects, and offering innovative solutions that will redefine the sector. SMARTFLEX 200mm is not just a breakthrough; it's a testament to Nupi's unwavering commitment to excellence and innovation. With a 30-year warranty, this is more than just pipework; it's the future of fuel delivery.

SMARTFLEX is available from multiple locations worldwide, including: the midlands-based UK warehouse, offering same day collections/next day deliveries in most cases.

Revolutionising diesel exhaust systems: The comprehensive solution with AdBlue/ DEF and NUPI's Smartflex UREA

Why choose NUPI's solution?

NUPI's Smartflex UREA system provides a robust and reliable solution for the conveyance of AdBlue/DEF. The system is designed to withstand the unique chemical properties of AdBlue/DEF, ensuring durability and safety. By choosing NUPI, customers benefit from a comprehensive package that includes not only high-quality piping but also all necessary components for a complete installation.

NUPI's innovative Smartflex UREA system for AdBlue/DEF sets a new standard in the industry. By offering a complete, versatile, and reliable solution, NUPI meets the needs of modern diesel systems aimed at reducing environmental impact.

The local UK warehouse stores Nupi's AdBlue pipework and offeres same day collection or next day delivery options.

For more information about NUPI's Smartflex UREA system and other products, you can reach European Sales Manager, Ms Maja Nedic at maja.nedic@nupinet.com or visit www.nupiindustrieitaliane.com

The system with the intelligence to prevent conditioning downtime!

From filter degradation intelligence, filter block and pump service warning alerts, to event and alarm log history – discover how the new Advanced Fuel Conditioner from CTS targets ISO 14/13/11 fuel standard via multi-pass filtration, preventing stagnation and diesel bug from causing downtime in low usage tanks such as generator back up tanks.

After years of success with their in-house designed recirculation unit, CTS wanted to offer an alternative model to the market which could clean fuel to an even higher level. After much research and development from CTS Technical Director Rob Terry, they've added the CTS engineered Advanced Fuel Conditioner to their range, as the ideal solution for keeping your customers stored fuel clean and usable in tanks up to 40,000 litres.

With a quality manufactured Piusi Panther pump, two high performance Cim-Tek Ultimate Defense particle and water filters, and a magnetic fuel conditioner to breakdown diesel bug, this advanced system targets ISO 14/13/11 via multi-pass filtration. Not only this, but the fuel conditioner also has added intelligence to limit preventable downtime in fuel conditioning.

So, what makes the Advanced Fuel Conditioner intelligent?

The intelligence comes in the form of filter and operational data via the PLC touchscreen control panel, which includes:

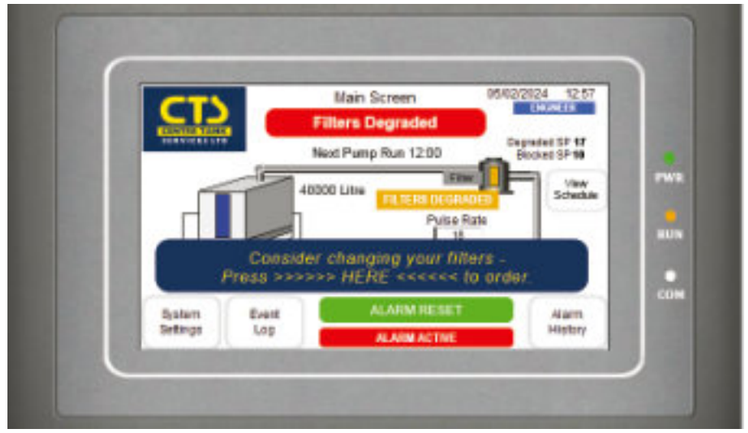
Filter degradation data – flow rate graphs and trends will show any reductions in flow that could indicate filters are degrading and give the user an idea of filter life expectancy. This means that rather than waiting for a surprise filter block to happen, users can track flow rate and receive warning messages when filters are degrading, allowing pre-emptive replacements to be carried out.

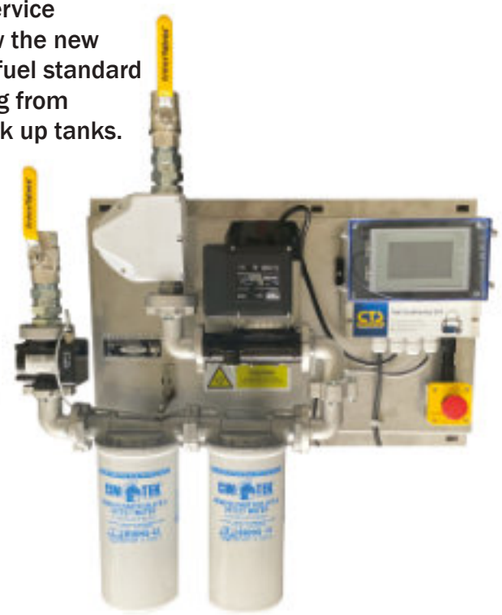
Alarm and event log history – complete visibility of what's been happening with the conditioner is shown in the control panel log. This will include anything from filter degradation to filter block, leak or low-level alarms, pump start/stop, and engineer login and out activity.

Pump intelligence – run time and schedule information is provided within the control panel so the user can see when the pump will next cycle. Pump service required warnings will show when the pump is near the end of its working life (based upon the number of cycles the pump has run for) warning the user that a replacement pump is needed soon – allowing pre-emptive maintenance to take place before breakdowns can occur.

Did we mention that there's a benefit for you too?

Not only does the fuel conditioner offer a multitude of benefits for your customers, but there's a benefit for fuel tank suppliers and installers too!





Similarly to the CTS recirculation unit, the front of the panel can be branded with a custom-made label containing your company logo, branding and contact information – so end users know who to contact when spare parts are required. But they haven't stopped there when it comes to customisation... CTS can also brand the touchscreen control panel with this information, as well as custom QR codes which will show when spare parts need to be ordered – directing end users straight to your website to buy filters and pump replacements.

Depending on the filtration level and operational control required, the CTS range of fuel filtration covers all budgets and requirements. With the Advanced Fuel Conditioner now a part of their offering, they can ensure that those needing to keep emergency fuel clean to minimise the risk of downtime, can do just that!

So, if you're interested in giving your customers a solution for keeping stored fuel clean and prevent damage and downtime, then you need to offer the CTS Advanced Fuel Conditioner as part of your range. Get in contact with Centre Tank Services today – the UK's leading and trusted trade supplier of fuel dispensing, storage tank and AdBlue equipment.

www.centretank.com

Is your insurance policy up to scratch?

Ask yourself these questions

- **Are you covered for 'gradual pollution'?**
- **Who would pay for a clean-up in the event of contamination?**
- **How old are your tanks?**
- **How would the discovery of contamination affect the sale of your business?**

General liability

Should an environmental accident occur on your property, in the main it is unlikely that a General Liability policy would fully contribute to any on-site clean-up costs where the spill occurred. Furthermore, certain policies do not consider the soil/groundwater beneath a location to be classified as 'property' for the purposes of insurance cover.

So why is an 'Environmental' Insurance Policy good?

Essentially, an 'Environmental' Insurance Policy does not restrict cover to only 'Sudden and Unforeseen' releases but includes cover for *loss arising from gradual pollution* and also responds to changes in environmental legislation.

Action to clean-up pollution, required by a Regulator under environmental law, might not be covered by traditional insurances. A Regulator is not a Third Party, and therefore any remediation or clean-up imposed by the Environment Agency may not to be considered as Third Party Damage.

Do you know how old your tanks are?

Crucially with this type of enquiry, Insurers will need to know the age and specification of the fuel tanks. Generally, insurers tend to *decline to Insure Policyholders where tanks are over 25 years old.*

Beware gaps in your cover

This can happen!
www.gov.uk/government/news/tesco-hit-with-major-8million-fine-for-pollution-incident

The summary table below also highlights some of the possible gaps in standard Liability cover, highlighting why it is important to consider whether a business needs environmental Insurance. (Please however check with your current Brokers/Insurers for your definitive cover arrangements or refer to us for a **free policy healthcheck.**)

	Cover	Environmental Policy	General Liability	Property
1	Own site clean up	Yes	No	Debris removal but not pollution extraction / clean-up of soils
2	Off site clean up	Yes	Yes – but only to TP property from an S&A event	No
3	Biodiversity Damage	Yes	No	No
4	Loss caused by Gradual Pollution	Yes	No	No
5	Loss Mitigation	Yes	Unlikely	Unlikely
6	Restoration costs	Yes	No	Yes – but only cost of repairing damage to own buildings due to 'sudden' incident
7	Statutory Liability	Yes	No – possible Bartoline extension	No
8	Crisis Cost	Yes	Not for pollution	Not for pollution
9	Business Interruption	Yes	Not for pollution	Yes – but only resulting from a 'sudden' incident
10	Environmental Response Service	Yes	No	No

An Environmental Liability policy can include cover for:

- Loss arising from Gradual, as well as, Sudden and Accidental pollution conditions
- Own site clean-up costs
- Off site clean-up costs
- Third Party Bodily Injury on and off-site
- Third Party Property Damage on and off-site
- Biodiversity Damage
- Defence and assessment costs
- Emergency Response costs
- Mitigation expenses
- Environmental Crisis Containment

Optional Coverages are also available for:

- Business Interruption profit loss and/or extra expense
- Transportation (including loading and unloading)
- Covered Operations (contracted works conducted away from main premises)

Jackaman Ins Services Ltd have sought an Insurer partner to address the potential crisis in the event of a pollution/ contamination disaster. Should you wish to discuss your options, please call **01474 557427**.

HYTEK and UNICODE Systems to showcase outdoor payment technology

at APEA LIVE 2024 on 14th November

This November, HYTEK and UNICODE Systems will join forces once again at the APEA LIVE 2024 exhibition and conference, taking place in Milton Keynes on 14th November. This event marks the third time that UNICODE will participate in the prestigious exhibition, with HYTEK proudly supporting the event for over three decades.

The collaboration between HYTEK and UNICODE Systems was first announced in May during the UNITI expo in Stuttgart, where HYTEK Managing Director, Jacquie Davies, and UNICODE CEO, Miroslav Stříbrský, sealed the partnership agreement. The focus of this collaboration is to distribute UNICODE's advanced outdoor payment systems (OPT) across the UK market.

Since then, the two companies have been working closely, with HYTEK's technical director Andrew Olive and UNICODE's Arthur Plumpton leading the effort in supporting the installation. They are quoting numerous outdoor payment terminals across various sectors, from petrol stations to airports and marinas; as well as smaller private refuelling facilities.

APEA LIVE attendees will have the opportunity to visit the joint HYTEK and UNICODE stand, where a range of cutting-edge products will be showcased. These include the Mini and Compact ATEX outdoor payment terminals, the Pumptronics C Series pump with an integral OPT, along with HYTEK's own engineered test measure proving cans and O.L.E. electronic tank gauges.

Shaping the future

With UNICODE's 25 years of experience in Europe's petrol station payment systems, and HYTEK's 40-year expertise in fuel transfer solutions, this partnership is poised to shape the future of outdoor payment technology, including the potential to support electric vehicle charger payments.

Both the HYTEK and UNICODE teams are excited to meet attendees on 14th November and discuss industry needs, offering expert advice and solutions tailored to clients' requirements. To learn more ahead of the event, you can request a copy of their OPT brochure by contacting **sales@hytekgb.com**.

Be sure to stop by their stand to find out more about their innovation in outdoor payment systems and fuel management technology at APEA LIVE 2024.

PEIMF+ members event, dinner and AGM Spring 2025

Following our previous brilliant site visits over the past 3 years to:

Tyseley Energy Park, Cranfield University & Millbrook proving ground

Watch this space for news for next spring...

For more details, contact David Honeyman: david@peimf.com • 01474 321999

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Still progressive and still forward-thinking

Xmo Strata has completed a project to convert ten of The Kay Group's fuel forecourt sites to the new Shell MVI branding.

The company, which has 24 locations nationally, is more than 50 years old. Founder Ken Kay, who is still Group CEO, began with a single forecourt in 1972; but the organisation prides itself on being a progressive, forward-thinking enterprise and has a history of recognition and award-wins to prove it (not least inclusion in The Sunday Times Top 250 independently owned companies in the UK).

The Group's current projects include a full knock-down and rebuild of its service station and head office in Blackburn. There's a new-to-industry location, due for build in 2025; and they are rolling-out defibrillators (four locations so far) and solar panels on all locations (25% of their energy already comes from the sun).

The conversion to Shell branding had to await retail infrastructure work (on land lines, tills and the Distributed Order Management system - the technology architecture of retail ordering).

April project start

Xmo Strata first learned of the project in December, started site work in April, and completed on-time very recently, with all sites are now sporting their new image.

The work included MID price signs, canopy signage and the installation of Shell pectens, pump signage, entrance and exit signs, refurbishment and paint work and other incidental work.

Richard Cox, The Kay Group's Managing Director, complimented the Xmo Strata crews on their professionalism, their attitude to customers, and on the relationships developed with his staff throughout the project.

"They did a great job for us and the sites look great. There'll always be some snagging on projects of this size, but there wasn't much, and it was dealt with professionally and quickly. They helped us out with some other issues which arose unexpectedly, and that flexibility was important to me.

"All well-run fuel forecourts have to do maintenance periodically, replace branding, and conduct other work. That's important not just commercially, but also for site safety and to ensure that the sites are in good condition, efficiently run, and look welcoming for customers.

"You can minimise and manage the disruption, but you can't eradicate it entirely and we need suppliers who'll deploy technically skilled crews, plan well, work safely and methodically, be part of our team whilst they're on our sites, and show some charm and diplomacy on those few occasions when the work causes a bit of frustration."

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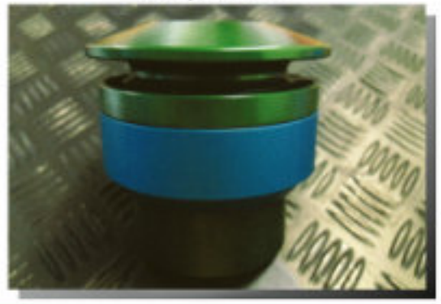

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PEIMF+ heads to APEA Live 2024 See you there? Thursday 14 November

In just a few weeks, APEA Live 2024 takes place in Milton Keynes at Stadium MK, on Thursday 14 November 2024.

This is the UK downstream fuel and forecourt market's largest annual event.

PEIMF+ will be there, exhibiting on stand D13, and we're hoping to see you there too!

If you've never visited before, it's an action-packed 24 hours; encompassing a daytime Conference and Exhibition, followed by the prestigious evening APEA Awards... one (very) full day of elite industry networking, learning and fun!

This year's daytime Conference programme looks well worth a look. It will include 4 cutting-edge sessions, which will centre on:

- Future-proofing forecourts (latest trends, innovations and growth strategies)
- Combatting forecourt crime
- An update from the PRA,
- Plus a comprehensive overview of the latest compliance standards and regulatory updates impacting the industry.

Running alongside the Conference, the daytime Exhibition will showcase some of the best suppliers in the business, who will be exhibiting their latest products and services to attending delegates (senior reps from the full spectrum of the downstream fuel and forecourt market).

The 'Fuel For Thought Theatre' will also return to the daytime show floor, offering an exciting stream of fresh CPD learning; inspiring. quick-fire talks throughout the day, from industry innovators who have taken a problem, done their research and developed game-changing solutions.

The daytime Conference and Exhibition is completely FREE to attend!

Head to **www.apealive.co.uk** to view the full programmes for the Conference and 'Fuel For Thought Theatre.' Check out all attending exhibitors and to book your daytime delegate passes!

By the way, if you're interested in exhibiting at the event, please contact **Event Director Tom Treverton (Tom@fivesensesmedia.co.uk / 01442 289920)** and he'll provide you with all options and prices for any remaining spaces.

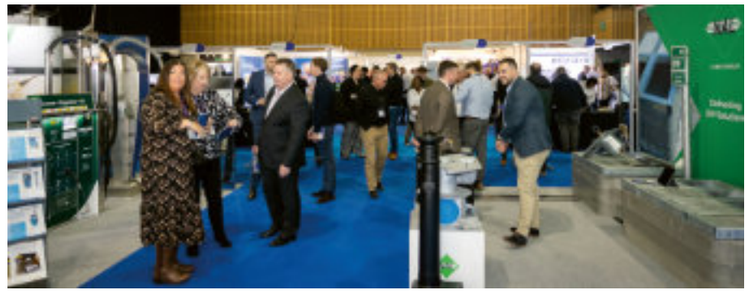
As the sun goes down, attention will shift to the evening's APEA Awards, which will provide a magnificent climax to event. For many, this is the industry's 'night of the year', which will celebrate and reward 2024's greatest innovations and achievements in our market. All against a glittering backdrop of elite networking, fine-dining and high-class entertainment.

We're told the Awards is close to selling-out at the time of writing, but head to **www.apealive.co.uk** to find out more and book your Awards tickets, if there's any left!

All Awards finalists are due to be announced by the organisers in mid-October – so, best of luck from everyone at PEIMF+ if you've entered this year.

APEA Live 2024 will be another fantastic event. It's so valuable to get together as an industry and we're looking forward to it. We hope to catch-up with as many of you as possible, there. If you haven't already, visit www.apealive.co.uk to secure your place, today.

See you on the show floor!



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Membership code of ethics

In addition to our complete review of the PEIMF+ constitution, we have also had a team dedicated to reviewing and updating our members' code of ethics.

All membership renewals will be accompanied by this document, as all member companies are expected to agree with, and adhere to, these principles:

OUR AIMS AT ALL TIMES ARE:

- To provide the best possible service to our clients and customers.
- To observe superior standards of conduct in our dealings with clients, customers and peers regarding integrity, fairness and honesty.
- To maintain a strict duty of confidentiality of our clients' affairs.
- To acknowledge that contracts should be fair to all parties and, where appropriate, to settle disputes by voluntary agreement or impartial arbitration.
- To continually strive to achieve best practices and methods relevant to our industry.
- To provide superior quality leadership, materials and workmanship to the best of our ability.
- To undertake to share best practices and learnings with other members thus promoting our 'Working Together' philosophy.
- To show that, by virtue of membership of PEIMF+, the members have and do signify their commitment to the above principles.

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