

Inside: Apprentice of the year award – don't forget to nominate!

2024 FOR THE ALUMINIUM FEDERATION (ALFED)

A year in review!

BRITISH INDUSTRY SUPERCHARGER SUPPORT

The aluminium industry
must take advantage

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Open new
UKAS testing lab

ALFED TO EXHIBIT ON STAND B30

at UK Metals Expo!

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2024 FOR THE ALUMINIUM FEDERATION - A YEAR IN REVIEW!

2024 to date has been a busy one; the appointment of Nadine Bloxsome as Chief Executive Officer, the UK General Election which saw Labour leader, Sir Keir Starmer lead the polls and form a new UK Government, as well as ALFED events such as the Environmental Sustainability Strategy Day at BMA House, London, and the Annual House of Lords Lunch are particular highlights we can pick out, but there's so much more! This article will explore some of these key elements in more detail and announce the exciting events we have in store for the remainder of the year.

A YEAR OF POLITICAL CHANGE

The announcement of the General Election added to the political uncertainty in the UK, but if there's one thing that we can be sure of is that the Aluminium Federation (ALFED) are committed to urging the new Government about the need to champion a long-term industrial strategy for the UK aluminium sector. His Majesty, King Charles III's recent speech in the House of Lords left plenty of food for thought with the announcement of the formation of an Industrial Strategy Council, and the reiteration that 'securing economic growth will be a fundamental mission' for the new Government. The aluminium industry can contribute to the country's 'pursuit of sustainable growth through investment in industry, skills, and new technologies', as well as the fact that aluminium as a 100% recyclable, strategic metal, is a key contributor to the clean energy transition that is another key aim for the new Government.

INTRODUCING THE NEW ALFED CEO!

Nadine Bloxsome (right) brings over a decade of profound industry knowledge to the role of Chief Executive Officer at ALFED, honed through her tenure as Editor at the Aluminium International Today magazine and in the past has been responsible for launching market leading events and conferences. Alongside other ALFED colleagues and member companies, Nadine plays a pivotal role in advancing the interests of the UK aluminium industry and driving initiatives that promote economic prosperity, environmental



stewardship, and technological innovation. Presented with a unique opportunity to lead and shape the future of a critical sector within the UK economy, Nadine is responsible for influencing policies and fostering collaboration to ensure long-term sustainability and success.

Speaking on being appointed the new CEO for ALFED, Nadine commented: *"It is truly an honour to step into this role and lead the organisation forward. I have been involved with ALFED in one way or another for more than a decade and have seen the changes and growth that past CEO's and team members have achieved. Our industry feels like it is at a turning point and more recently, I have seen an appetite in areas for collaboration. It seems, now, more than ever, that ALFED is ready for a change, and I hope to be able to deliver and steer us in the right direction".*

2024 ENVIRONMENTAL SUSTAINABILITY STRATEGY DAY

Following the successful event on its inaugural year in 2023, the ALFED team headed back to BMA House, London to welcome more than 100 members and industry representatives for this year's event on Thursday 6th June. Focussing on this year's theme of 'Next Steps for the UK Aluminium Industry', the day provided a platform for industry stakeholders to collaborate on strategies for driving positive change in the aluminium supply chain. Despite the absence of government representatives due to the pre-election period, attendees remained undeterred, demonstrating a commitment to advancing sustainability initiatives within the industry.

The event kicked off with the announcement of the UK Aluminium Manifesto, a document devised by ALFED to outline key priorities for the next UK Government in supporting the aluminium manufacturing and processing sector.

This manifesto underscores the vital role of aluminium in driving economic growth, sustainability, and energy security, reaffirming ALFED's commitment to advocating for policies that support industry growth and sustainability. The event also featured a keynote address by Dr. Mark Jones of BCAST at Brunel University, who discussed the importance of securing a resilient, low carbon aluminium supply in the UK to support net-zero manufacturing. Dr. Jones's insights highlighted the collaborative efforts already underway to address

onshoring and green investment challenges within the industry.

Further presentations throughout the day also enabled attendees to gain a clearer understanding around carbon accounting, the final requirements for the UK CBAM consultation, green financing opportunities and funding, the UK Emissions Trading Scheme, and developments in energy procurement and sourcing. Despite challenges, attendees demonstrated a collective commitment to advancing sustainability initiatives and shaping the future of the industry.



ALFED HOUSE OF LORDS LUNCH

June proved to be a busy period for ALFED and their members as the 20th June saw more than 40 members gather at the Houses of Parliament for the Annual House of Lords Lunch. Following a key theme of developing an industrial strategy for the UK aluminium industry, ALFED members came together to celebrate the launch of the UK Aluminium Manifesto, serving as a blueprint for the future of the UK aluminium sector, and outlining key stipulations of how we believe we need the UK Government to support our sector. Delegates also heard from ALFED President and Mechatherm Sales Director Mark Allen, who shared his experiences & thoughts on the potential of the industry & the future we stand on the brink of. Additionally, we heard from Mike Smith of the International Wrought Copper Council (IWCC), who addressed the group to introduce the Back British Metals Initiative, and we also heard from Make UK's Seamus Nevin, who stood up to highlight the Maker's Manifesto & the need for an industrial strategy for the UK aluminium sector.



WHAT'S NEXT FOR ALFED?

As we edge closer towards the last quarter of 2024, attention is quickly turning to this year's UK Metals Expo. The ALFED team will be in full attendance, exhibiting on **Stand B30** across the two-day event. You can expect to see panel discussions featuring both ALFED CEO, Nadine Bloxsome and Technical Manager, Jan Lukaszewski. We will also be hosting a 'Meet the Expert' networking event on our stand on Day 2 of the Expo, featuring experts from member companies and industry representatives, including: The Department for Business and Trade, Avails Energy, Equity Energies, ESGc, CarbonChain, and Better Pathways.

Ending the year on another positive note, we will be hosting the Annual Business Briefing and Dinner at our biggest venue to date, the De Vere Beaumont Estate, Windsor on Thursday 28th November 2024. With more than 250 members already booked

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ALUMINIUM FEDERATION

to attend and over 2 months still to go until the big day, this year's dinner is already set to be bigger and better than last... And we can't wait to throw open the doors to welcome members for a celebration of another year in the UK aluminium industry.

To book your tickets for the dinner, please visit:
www.alfed.org.uk/event/alfed-annual-dinner-2024/
To find out more about ALFED, or to become a member, please visit: www.alfed.org.uk.

Equity Energies

Equity Energies is changing the way organisations approach their energy strategy. We create energy equity for businesses and organisations by turning their Net Zero ambitions into action which delivers environmental, societal, and commercial value. For more than 20 years, we've been at the forefront of the energy transition and our commitment remains unchanged; to continue to improve the energy model so it's fit for the future, delivering greater efficiencies, less waste and more sustainable energy. Our vision for the ALFED partnership is for every organisation in the group to be advancing on their pathway to Net Zero and beyond and benefiting from the value generated.

Speaking about joining ALFED, Business Development Manager, Henry Igoe commented: *"We are keen to join ALFED to help members with their Net Zero pathways, we know there are many barriers to this. Our rebrand has been about recognising that everyone's pathway is different, and we have pivoted to be more useful to our customers. As part of the DCC group, we offer organisations a holistic approach to Net Zero, through designing a bespoke pathway reflecting each companies' unique timelines, targets and budgets while offering the physical solutions such as equipment level energy monitoring, solar, heat pumps, HVAC among much more to execute the strategy".*

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Established in May 1976, The Service Metals Group is recognised as the market leader in the supply of Aluminium Rolled and extruded products into the Commercial Vehicle body sector and general Engineering industries.

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In addition to our traditional Stockholding operations our group have in-house Laser cutting, folding, welding and general sheet metal fabrication facilities together with our own fully automated Powder Coating plant.

Becoming a member of the Aluminium Federation (ALFED) seems a natural progression for the Service Metals Group, who hope to embrace many of the staff product training courses ALFED offer throughout the year, thus helping to ensure our sales teams have excellent product knowledge.

www.servicemetals.co.uk



WELCOME TO NEW MEMBERS

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Speaking on their ALFED Supplier Membership, Senior Business Lead - UK Partnerships, Sarah Anderson commented: *"Having already began working with several members, it is apparent how the ever-changing government policies and taxes are impacting companies in the sector. We are excited to partner with ALFED to support members in accessing funding opportunities through several incentives."*

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THE ALUMINIUM INDUSTRY MUST TAKE ADVANTAGE OF BRITISH INDUSTRY SUPERCHARGER SUPPORT

In 2023, the previous UK government announced the British Industry Supercharger (BIS) – a series of measures that cut energy costs for our strategic energy-intensive industries (EIs). This new energy support package aims to reduce electricity costs for EIs by £20/MWh by 2025, strengthening our key industries' European competitiveness while combating indirect carbon leakage.

Aluminium production is among the many sectors eligible for support, as primary production is highly energy-intensive. Most emissions in primary aluminium production are indirect, stemming from electricity consumption during the smelting process. If costs become too high, there's a real risk that production could shift to regions with much looser climate policies, putting the UK at a strategic disadvantage while increasing global emissions. Aluminium's light weight and recyclability also make it a key player in the fight against climate change, so its importance will surely grow under a Labour government as they enact their vision for making Britain a "clean energy superpower".

As with many measures associated with the non-commodity costs of energy supply, these schemes tend to be underreported. What's worse is that due to the recent election, the amount of information coming out of DBT (The Department for Business & Trade) has been frustratingly limited. It's vital that aluminium production and similar key industries take advantage of the support

on offer, as they can bring huge financial benefits for those who are eligible. More importantly, businesses can act right away to start cutting their costs.

Key British Industry Supercharger measures

In short, there are three measures that have been introduced:

1. EI Renewable Levy Exemption Scheme:

- Subsidy increase: The government has increased the aid intensity under the energy subsidy scheme from 85% to 100%, resulting in an approximate £5/MWh reduction from their current levels. This was launched in April 2024, so businesses can already start benefiting from the scheme.

2. Capacity Market Charges Exemption:

- New exemption: Companies will receive a full exemption from all costs associated with the UK Capacity Market. This is expected to save around £5/MWh, starting later this year.

3. EI Network Charging Cost Compensation:

Proposed compensation: This initiative aims to reduce network costs by £10/MWh for charges companies pay for using the national electricity grid. The savings are likely to be in arrears for April 2024 to March 2025 so a compensation payment could be available from April next year.

At Leyton UK, we're experts in the non-commodity costs associated with energy. We understand how energy tax reliefs work and can offer tailored support that's specific for the aluminium industry to help unlock the savings associated with these schemes.

We want to see every player in aluminium production succeed by taking advantage of all the available support. With a new government and likely policy updates to follow, energy-intensive businesses must stay on top of the measures being put in place to stimulate growth and reduce global emissions. Keeping informed is vital, as not only is the guidance regularly updated, but so are the details that go alongside any new measures. Our advice is therefore to regularly review your non-commodity costs as those who systematically measure their energy use will be best-placed to take advantage of current – and future – legislation.



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SMITH'S METAL CENTRE'S OPEN NEW UKAS TESTING LAB AT BIGGLESWADE SITE

ALFED Member, Smith's Metal Centre's Ltd recently invited ALFED CEO, Nadine Bloxsome and Marketing and Communications Assistant, Emily Foster up to their Head Office in Biggleswade to celebrate the grand opening of their new UKAS Laboratory Site.

With 13 service centres across the UK, Smith's operate as a world-class supplier of engineering material alloys and plastics into a broad range of industrial applications. Smith's Metal Centres customers' span a wide range of sectors, each with unique purchasing requirements. Whether serving a small machine shop or a large multinational corporation, their goal is to offer a consistent supply path that delivers the highest levels of service, quality, and value. They source products globally, partnering with suppliers who share Smith's same commitment to excellence. By establishing long-term agreements and rigorously monitoring their supply chains, Smith's ensure consistent product performance and stock availability. Their ongoing investment in a unique IT platform has enabled them to develop an unrivalled array of purchasing options and supply chain innovations, tailored to meet the diverse needs of their customers.

The new UKAS accredited laboratory is one that is unique to the stockholding sector and offers a wide range of services. Smith's metallurgists provide consultancy services in a selection of application areas, from routine testing to technical advice. The metallurgical support in Smith's new UKAS lab offers assured quality testing; including chemical analysis, metallurgical analysis, tensile testing, corrosion, and hardness testing, and Charpy impact testing. The laboratory is tied in with their quality management system to offer a much broader continuity of service. Speed of response, peace of



mind, technical advice from the team of metallurgists are all benefits of the state-of-the-art facility.

Speaking on the opening of their new UKAS laboratory, Smith's Purchasing Support Manager, Colin Ord, commented: "Hosting Nadine and Emily from ALFED



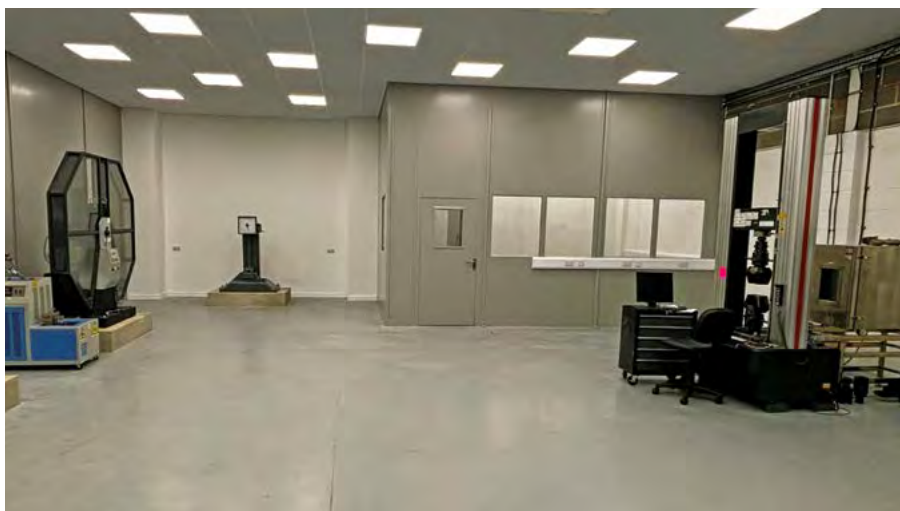
at our new UKAS Laboratory site was a tremendous opportunity to showcase our expanded capabilities. By offering UKAS accredited tests such as chemical analysis, metallurgical and corrosion testing, hardness testing, and Charpy impact testing, we highlight our commitment to quality and precision. This larger facility enhances our ability to deliver these, and more comprehensive services for our customers stringent demands. This upgrade is a testament to Smiths Metal Centres' dedication to providing value-added services. Additionally, we are excited to demonstrate our bespoke supply solutions, another fantastic value-added service, at this year's UK Metal Expo at the NEC on stand H40, further exemplifying our tailored solutions for diverse customer needs."

To find out more about Smith's new UKAS laboratory, please visit:

www.smithmetal.com/ukas-testing-laboratory.htm.

To learn more about Smith's Metal Centre's, please visit:

www.smithmetal.com.



History

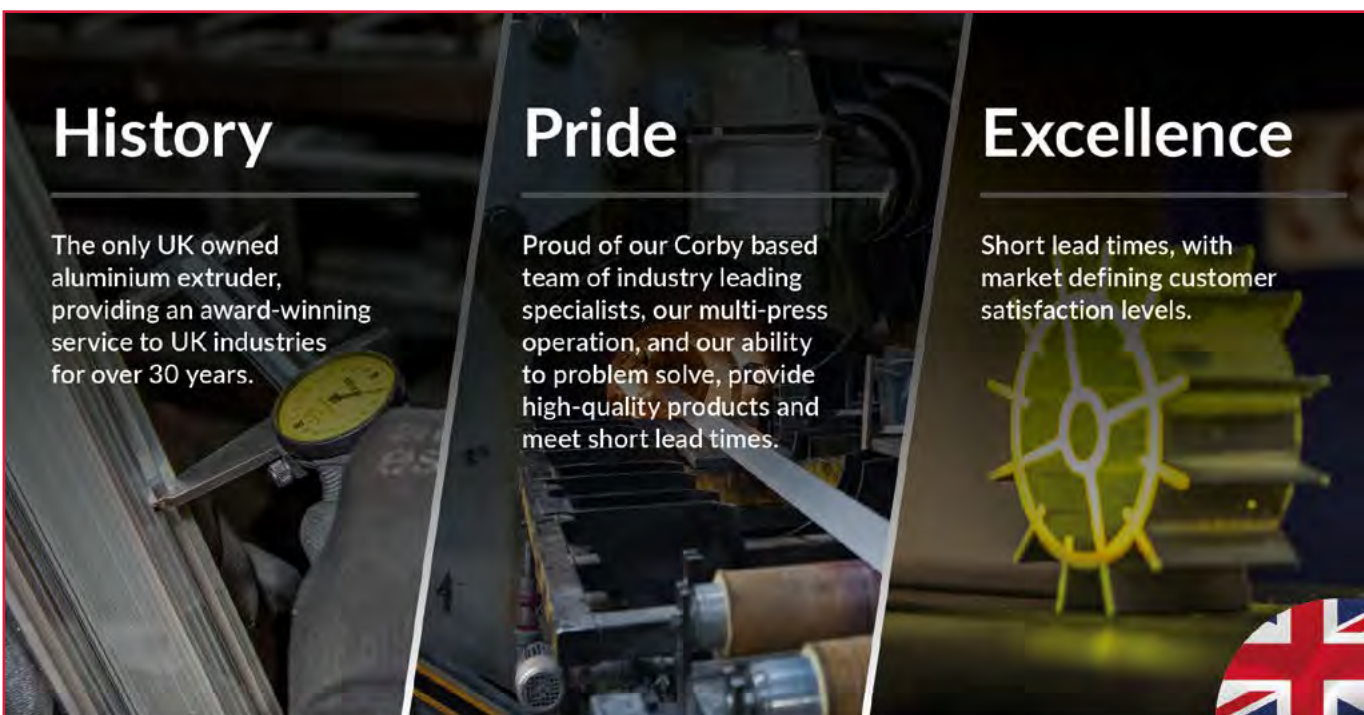
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TWO MAJOR SUSTAINABILITY INITIATIVES AT NOVELIS LATCHFORD: RECYCLING BOOST AND HYDROGEN TRIALS

Novelis is investing approximately \$90 million to double the recycling capacity for used beverage cans at its Latchford, UK plant and trial the use of hydrogen in its recycling furnaces, both of which underscore the company's commitment to sustainability and reducing carbon emissions.

Novelis Inc., a leading sustainable aluminum solutions provider and the world leader in aluminum rolling and recycling, announced in July 2024 a significant investment of approximately \$90 million to double its capacity for recycling used beverage cans (UBCs) at its Latchford plant in the UK. This expansion is a major milestone in Novelis's sustainability efforts, aiming to increase the recycled content in its aluminum products and reduce carbon emissions.

The project will enhance the facility's recycling capacity for UBCs by 85 kilotonnes per year, effectively doubling its previous capacity. Emilio Braghi, executive vice president of Novelis and president of Novelis Europe, highlighted that this investment aligns with the company's ambition to maximize recycled content across its product range. Globally, Novelis achieved an average of 63% recycled content in its products during the fiscal year 2024, demonstrating a strong commitment to sustainability and the circular economy.

The expansion includes the construction of a new dross house, three new bag houses, and the installation of state-of-the-art shredding, sorting, de-coating, and melting technologies. These advancements will enable the plant to recycle a larger volume and new types of aluminum scrap, improving operational efficiency and sustainability. The investment in recycling capacity, as well as the implementation of advanced technologies, will result in an annual CO₂e reduction of more than 350,000 tonnes for Novelis Europe.

The project is expected to be commissioned by December 2026, allowing the facility to recycle 100% of UBCs collected under the future UK deposit return scheme - creating a local, fully circular system while reducing the need to export scrap from the UK.

Allan Sweeney, plant manager of Novelis Latchford, emphasized the strategic importance of this investment for the UK market. By enhancing its recycling capabilities, Novelis strengthens its position as the largest recycler of aluminum in the UK. The technological developments will allow the company to recycle all types of UBC scrap, fostering a more sustainable and circular economy. In addition to the environmental benefits, the investment will create 25 new jobs at the Latchford plant, contributing to the local economy and community.

Novelis' investment in the Latchford plant marks the company's leading role in the aluminum industry and its commitment to sustainability. By increasing recycling capacity, creating jobs, and supporting local economies, Novelis is paving the way for a more sustainable future. The company's efforts to reduce carbon emissions and maximize recycled content in its products are major milestones towards boosting full circularity in the aluminum industry.

The capacity expansion links well to a related development, during 2023 Novelis confirmed it is also exploring innovative methods to further reduce its carbon footprint by incorporating hydrogen into its aluminum recycling processes. The company has announced a trial at its Latchford plant to use hydrogen in its recycling furnaces during October this year, an initiative that could significantly lower greenhouse gas emissions associated with aluminum production. As a cleaner alternative to traditional fossil fuels, Hydrogen offers a promising solution to achieving lower-carbon emissions in industrial processes.

The hydrogen trial aligns with Novelis's broader sustainability strategy, which focuses on decarbonizing its operations and reducing environmental impacts. By potentially replacing natural gas



with hydrogen, Novelis aims to set a new benchmark for sustainability in the aluminum industry. The successful implementation of hydrogen technology could pave the way for its wider adoption across other facilities, accelerating the industry's transition to a low-carbon economy.

Overall, this recycling capacity expansion and the introduction of hydrogen trials not only improves Novelis's production capacities and capabilities but also aligns with global sustainability trends, highlighting the importance of recycling and resource efficiency in modern manufacturing. As the demand for sustainable solutions continues to grow, Novelis's proactive approach ensures it remains at the forefront of the industry's transformation.



Novelis



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These vibrations mean that with conventional machines excessive and prolonged use can result in Hand Arm Vibration Syndrome, a permanent and painful numbness or tingling in the hands. To reduce the risk the use of conventional machines is generally limited to a few hours a day or even less. With Tyrolit Power there are little or no vibrations resulting in unrestricted use of the machine and no risk to the operator.

Maximising process up time, longer product lifecycle, significant cost saving whilst reducing risk of health issues are just a few of the huge benefits of Tyrolit Power; opening up huge advantages for a vast range of markets.

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5 - 10 MEDIUM	▲	2 Hours
Over 10 HIGH	▲	Assess Risk

RESULTS

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ALFED Apprentice of the Year Award 2024

Meet the Judges!

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Rachel Wiffen
Senior Process Engineer



Alan Lucas
Sales Manager



Josh Brough
Business Development Director



Andrew Finlay
Group Managing Director



Yasmin Panam
Laboratory Manager

**Your Award Chair!**

Michael Horan,
Sherwood Stainless & Aluminium Ltd

DON'T FORGET TO NOMINATE YOUR APPRENTICES FOR THE INAUGURAL APPRENTICE OF THE YEAR AWARD!

We are excited to announce that the inaugural Aluminium Federation Apprentice of the Year Award, celebrating excellence and innovation in the aluminium industry's rising talents, will be held in conjunction with the **ALFED Annual Dinner** at the **De Vere Beaumont Windsor** on **Thursday 28th November 2024**.

The Award aims to honour exceptional apprentices who have demonstrated remarkable skill, dedication, and contribution to the aluminium manufacturing and processing industry. Applicants who are currently working for a company which is a member of ALFED and who is either undertaking an apprenticeship this year or completed one in 2023 are eligible to apply for the award.

Nominate by Friday 20th September to give them the chance of taking home a cash prize of £1,000 at the ALFED Annual Dinner.

To complete an application form, please visit the ALFED website:

www.alfed.org.uk/event/alfed-apprentice-of-the-year/

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Venue: Bragborough Hall Business Centre, NN11 7JG

FREE for ALFED members!

ALFED members are invited to explore the latest advancements in aluminium applications across transport sectors such as shipbuilding, automotive, and aerospace. The forum will spotlight aluminium's benefits in these industries and address the potential for expanded use in fostering a greener transport network in the UK. Don't miss this opportunity to engage with experts and shape the future of sustainable transport.



HSE FORUM

Date: Tuesday 12th November 2024

Venue: Bragborough Hall Business Centre, NN11 7JG

The Aluminium Federation (ALFED) are inviting you to attend the upcoming HSE Forum. Sponsored by Reece Safety, it will run as a conference-style event, full of a line-up of industry speakers and the potential for a select few companies to exhibit. Confirmed speakers include representatives from companies including Burley Law, and ALFED members, Implexis Consulting and HowToRobot.



ALFED BUSINESS BRIEFING AND ANNUAL DINNER

Date: Thursday 28th November 2024

Venue: De Vere Beaumont Estate, Windsor

After the huge success of the 2023 dinner, this year's event is set to be hosted at the elegant De Vere Beaumont Estate in Windsor for the first time, holding a record number of guests. Another fantastic networking opportunity for members to come together to celebrate the end of another year in the aluminium industry, while it is also filled with valuable insights from the briefing, followed by the inaugural black-tie dinner - all set in the prestigious English capital city.

YOU'RE INVITED TO THE ALUMINIUM FEDERATION ANNUAL DINNER

De Vere Beaumont Estate, Windsor
Thursday 28th November 2024

CONTACT US TO BOOK YOUR TICKETS!



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ALUMINIUM LIGHT TRAINING

Date:

Tuesday 22nd October 2024

Time:

9.00am - 4.30pm

Venue:

Bragborough Hall Business Centre, Daventry, NN11 7JG

Buy 1, Get 1 FREE for ALFED Members!

The Aluminium Light training is a tailored course on aluminium as a strategic metal and a basic introduction for existing staff or new starters who don't have a technical background.

During the course, delegates can expect to cover modules, including: Aluminium Light, Aluminium Production and Global Demand, Wrought Aluminium and Applications, Heat Treatment of Aluminium, Elastic and Plastic Behaviour of Metals, Production of Wrought Aluminium, Extrusion, Drawing, Shaping and Forming of Aluminium, Corrosion and Protection of Aluminium, and Casting Technologies.

To find out more, please visit:

<https://alfed.org.uk/event/aluminium-light-training-2/>

MEET THE ALFED TEAM ON STAND B30 AT UK METALS EXPO



UK Metals Expo is back for 2024, and as the voice of the UK Aluminium Industry, Team ALFED can't wait to be there!

We will be exhibiting on Stand B30 across the two-day event and will be ready to chat with ALFED members and the wider aluminium industry; highlighting how ALFED is working hard to not only look after the interests of our 170+ members across the entire UK aluminium supply chain, but also to champion a long-term industrial strategy for the sector. Whether it's providing technical support, delivering market insight, informing trade policy or offering networking opportunities – everything we do focuses on helping UK aluminium capitalise on opportunities.

UK Metals Expo is the leading event that brings the entire metals supply chain together with engineering, manufacturing, and construction; including primary metal manufacturing to supply chain management, design, policy metal processing, metalworking, fabrication, machinery, surface finishing, and recycling. Chaired by Lord Redesdale, UK Metals Expo is a free to attend annual event that aims to:

- Foster relationships and maximise opportunities across the metal supply chains
- Advance education, share best practices, and drive innovation in the industry
- Position the metals industry in the circular economy
- Showcase top solutions across the supply chain

"We find ourselves at a pivotal moment for our country and the aluminium industry. The UK is not only the birthplace of the industrial revolution; it's also where the next chapter of the industry is being written. With a new government comes new hopes, new directions, and new opportunities. We are absolutely thrilled about our longstanding partnership with ALFED, which will help shape the future of the UK metals supply chain and

drive transformative change across many industrial sectors," commented UK Metals Expo Chair, Lord Redesdale.

Speaking on ALFED's participation at UK Metals Expo, and the value the show provides to the UK aluminium sector, Chief Executive Officer, Nadine Bloxsome commented: *"The UK Metals Expo Show is an invaluable platform for the UK aluminium sector, offering our members a unique opportunity to showcase innovations, network with industry leaders, and stay informed on the latest trends and technological advancements. This annual event not only highlights the dynamic nature of the aluminium industry but also enables collaboration and knowledge sharing. It is an essential gathering for those looking to drive growth, sustainability, and excellence within the sector. We are proud to support and participate in this key industry event, which consistently delivers significant value to our members and the broader aluminium community."*

Meet The Expert!

This year, on Day 2 of the expo, ALFED will be hosting a 'Meet the Expert' networking event on our stand. This is planned to give our members and the wider aluminium industry the opportunity to speak to industry representatives one-to-one and have the chance to ask any questions you are looking to gain the answers to.

To date, we already have confirmed representatives joining us from The Department for Business and Trade, CarbonChain, ALFED sustainability supplier members Equity Energies and Avails Energy, a mental health organisation known as Better Pathways (who are also the official charity of this year's show), and also UK Metals Expo Chair, Lord Redesdale, and Jamie Wigley will be joining us to give you more information about how you can embark on the ALFED-accredited ESGc course!

The experts will be on our stand from 11.00am – 12.30pm on Thursday 12th September, so be sure to come down to Stand B30 to see them all there!

To find out more about ALFED, please visit: www.alfed.org.uk

To find out how to get your FREE visitor pass to this year's show, please visit: www.ukmetalsexpo.com.



UK METALS EXPO

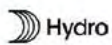
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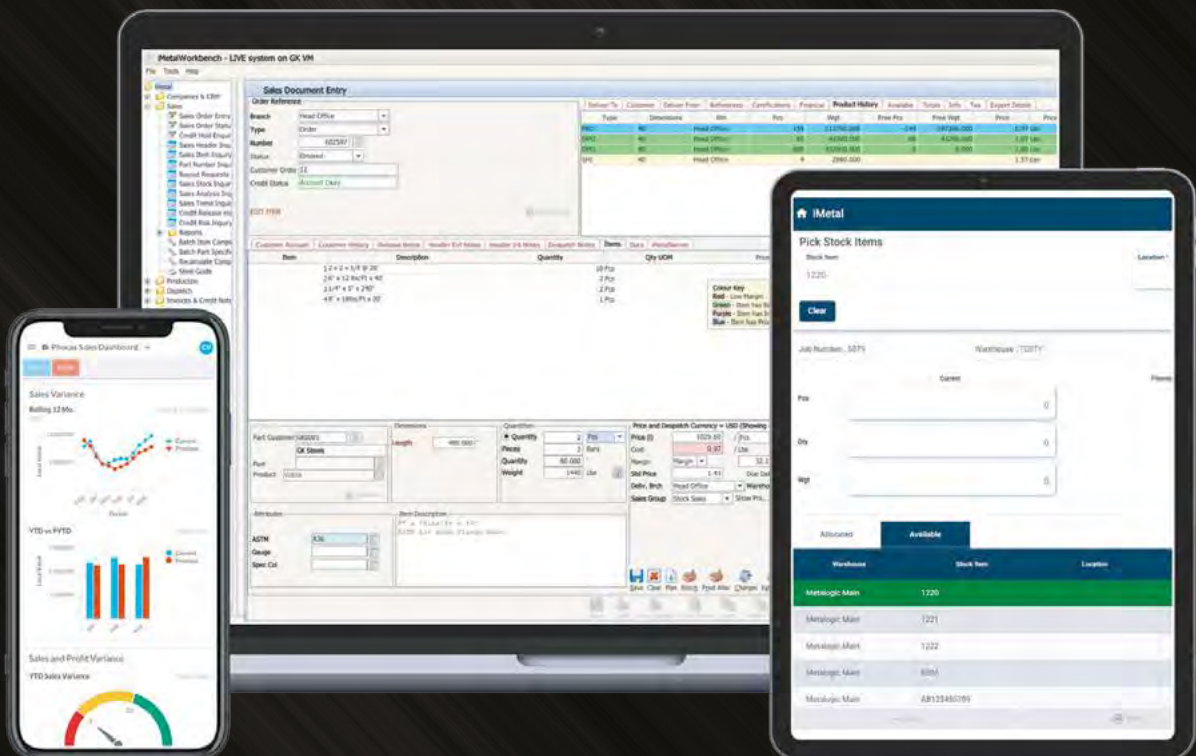
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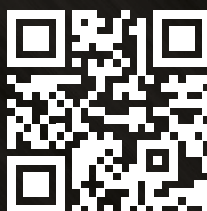


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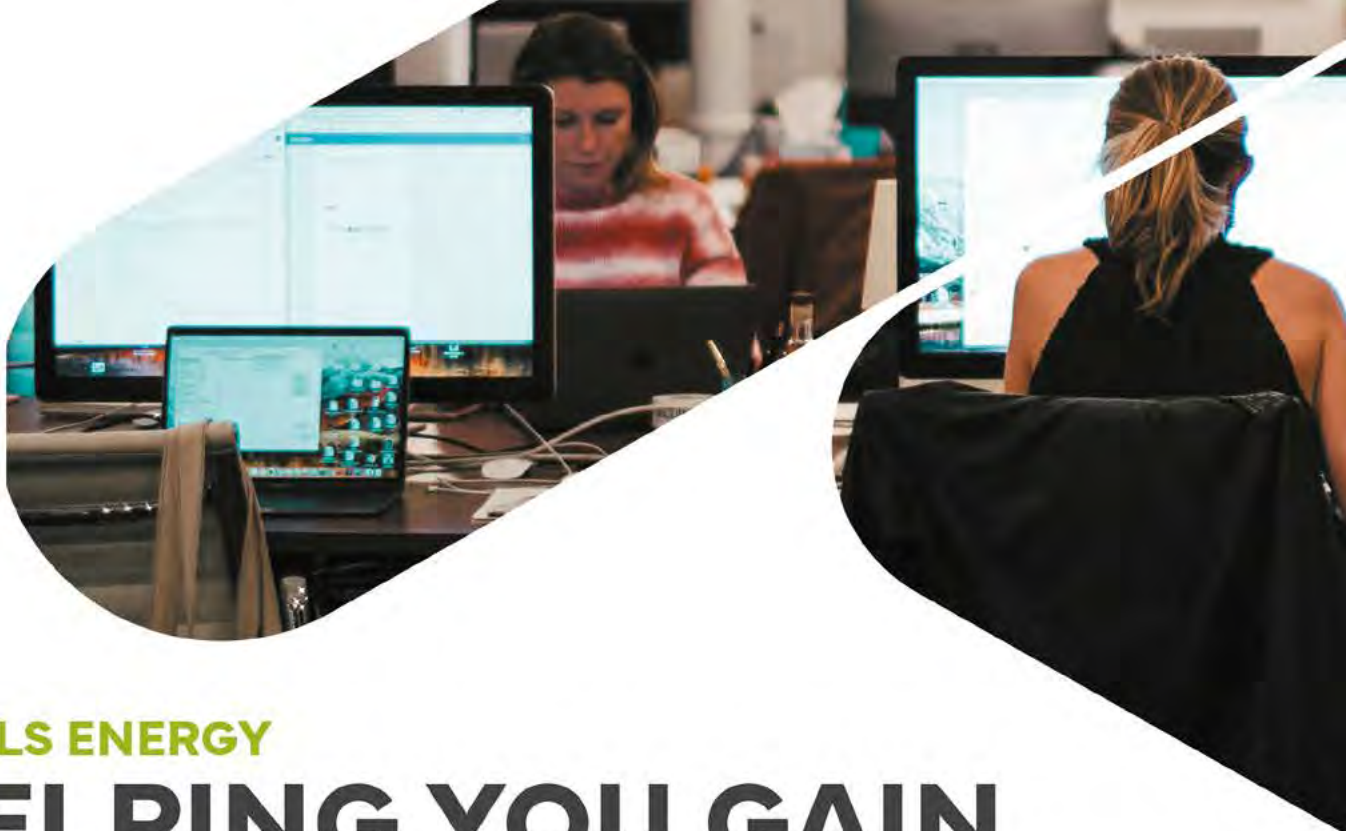


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