

2024 ANNUAL REVIEW



BPF | British
Plastics
Federation

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President's Report

BPF PRESIDENT
Nigel Flowers

Whilst business confidence in the industry could be better and our latest Business Conditions Survey is leaning more towards pessimism, there are signs that companies are beginning to think about investing more. Surely in the medium to long term our future should be positive.

That plastics are 'wonder materials' is increasingly, if somewhat grudgingly, underlined by environmental writers. The versatility of plastics and the fact they can be tailor-made brings huge advantages. The problems of plastic waste are being addressed as never before. Most companies I know are searching for a recycling option for their products.

I'm delighted to report that the BPF is thriving, ending 2024 with over 600 member firms. It is a real cradle for innovative ideas and novel activities.

It's fair to say that the industry is undergoing transformation with new approaches to the manufacture of raw materials, the efficiency of processing and the increasing range of technologies available to deal with waste.

I've been particularly associated with the BPF's initiatives to improve the industry's productivity. With a hardy band of devotees which included Ian Ray of Jaguar Land Rover we oversaw the creation of a Hub 'Redefining Productivity' (bpf.co.uk/Productivity/redefining-productivity.aspx). Three introductory guides have now been published for Energy Management, Product Design and Equipment Effectiveness, Part 1,

Injection Moulding.

This is further evidence the industry is changing and shows how incremental improvements can be converted into profitability.

The BPF can't achieve its success without the help of a range of key partners. These include other industry organisations such as the Construction Products Association and the Packaging Federation in the UK and in Europe three headline organisations: Plastics Europe, the European Plastics Converters Association and EUROMAP representing machine builders. But also, a special thanks to the Bank of England which hosts a BPF Council meeting annually. Last year it was

courses available to the industry.

It was a great pleasure to preside over the BPF's Annual Dinner, a unique event for the plastics industry. It was great to see such a large number of industry people supporting it – over 500. Our guest of honour was Rory Bremner who had clearly worked hard to become familiar with the industry and its issues. His impersonations were highly entertaining.

A highlight was the award of the BPF's Gold Medal for services to the BPF to our Honorary Treasurer, Mike Boswell of Plastribution. Not only has Mike been a steward of our finances, but he has also been President of the BPF and a longstanding Chairperson of

The BPF Gold Medal Winner Mike Boswell (left) with BPF President (right)



held on 10th July and provided access to the Banks' officers particularly Rob Elder and Lai Wah Co. They listen attentively to the members' perspectives and incorporate these into the Bank's Inflation Reports. It is especially useful to them that the BPF can shed light on a very wide range of business activities.

I have been very keen to support our BPF Education and Skills Committee and we are exploring the feasibility of BPF accrediting the

the Polymer Distributors Group. If that wasn't enough, he had raised money for charities as an energetic hill walker. Very appropriate recognition.

As always, I would like to thank my fellow Council members for their sterling support and lively contribution to the discussions. Finally, my thanks to the BPF staff for their stalwart efforts in keeping the BPF show on the road.

My very best wishes to all in the industry for the future.

Membership Benefits



Promote Your Business

Your company profile and news featured on our website, engage with our 25,000+ followers across LinkedIn, Twitter and Facebook, and feature in our industry bulletins and BPF newsletter.



Sales Leads

Receive sales leads generated via international events and the BPF website, direct to your inbox. In 2021, we sent over 1,600 sales leads direct to members.



Feature in the BPF Directory

Every year, over 3,000 copies of the BPF Members Directory are handed out at trade shows around the world, while it is also downloaded thousands of times online. Your company will feature.



Lobbying & Representation

The BPF is in constant dialogue with all key government departments, and will represent your views when it comes to policy that matters to you.



Technical & Legislative Guidance

Dedicated executives keep up to date on technical developments and legislative changes crucial to the industry. Freely available to you if you join.



Free Legal Support & Grant Finder

A 24-hour phone line with lawyers to assist with your legal questions. Access to the BPF funding portal that searches grants and soft loans to help your company.



One-stop Shop for Free Resources

Polymer price updates, global market reports, plastic fact infographics, 1000s of seminar presentations, and specialist webinars throughout the year, all at your fingertips.



Industry News & Alerts

You won't need to go far to find the latest in the world of plastic... Our newsletters and bulletins provide up-to-date coverage on important industry matters.



Special Prices for Events

The BPF holds over a dozen seminars and conferences a year, organises pavilions at UK and foreign trade shows, and offers discounts exclusive to BPF members.



Discounts on a Range of Services

The BPF's wider network includes courses, recruitment companies, energy consultants, financial services and more. As a member you receive special discounts to all of these.

Director General's Report

BPF DIRECTOR GENERAL
Philip Law

The number of members is a key statistic. It's a marker of the BPF's actual influence in the industry and its potential influence externally. Six hundred is an impressive figure and it's not the only record we beat in 2024.

We have reached the highest number of member firms ever recorded in the BPF's history since its beginning in 1933. Accompanying this there has been a significant growth in membership engagement as measured by 'HubSpot', our Customer Relationship tool, which gives a detailed picture of the membership activity of individual companies in the BPF.

Among the new organisations recruited were seven Universities which brought the total number of universities in membership to twenty, with more expected in 2025. This was specially calculated to help our industrial members become familiar with the innovations that can be commercialised and the graduates who can be employed in the industry.

This move also allowed us to stage our first ever 'Universities Day' where member firms could book appointments with the range of universities in membership to explore

their specialisations and competences.

What really sealed our position as a leader in Innovation was our partnership with Innovate UK in staging the Global Research in Plastics Sustainability event at Sheffield University. This attracted some 600 delegates, both physical and online attendance.

There was something for everyone in the events we staged in 2024, and we increased the number of webinars organised from 25 in 2023 to 38 in 2024.

The benchmarking visit to Lego by 30 Moulders was particularly well appreciated. It included a visit to the Billund manufacturing site, a dinner with Lego's manufacturing management and a very open discussion on Lego's organisation, all in less than 24 hours.

We also took a Mission to visit the production facilities of Haitian in Ningpo to see highly automated machine building in action as well as Chinaplas in Shanghai.

We expanded the networking opportunities available to members by organising 'The Meetings Day' where several BPF Groups met at the same time in the same location, but shared a Plenary Session on topics of common interest.

The year was capped by what was

judged as the best BPF Annual Dinner ever staged.

We broke new ground in the issues managed. Accumulating concerns over waste management and the alleged impacts on human health peaked in the debates on the United Nation Global Plastics Treaty. UK government was represented in international meetings in Busan and Ottawa and needed close briefing on our BPF positions. We achieved accreditation to attend the meetings and BPF staff members were there, briefing government officials on the key points.

Our role was acknowledged in an invitation to a Reception at Buckingham Palace hosted by King Charles III. His Majesty was truly astounded when I told him that the BPF had a membership roll of over 600 companies. Just because we are outside the EU doesn't mean that we can forget about European representation. Far from it! EU Legislation matters to companies. The EU is a major trading partner, and our members have to comply with its laws if they export. Accordingly, we must be influential in the key European organisations for plastics. I continued as a board member of the European Plastics Convertors Association, and we maintain excellent links with Plastics Europe.

We are represented as follows:

CIPAD – Global Plastics Associations
– Philip Law

EuPC – European Plastics Convertors
– Philip Law

EUMEPS – EPS – Angela Fredericks

EPPA – Windows – Martin Althorpe

TEPPFA – Pipes & Fittings –
Caroline Ayres

EUROMAP – Machinery –
Stephen Hunt

We introduced so many new facets into the BPF's programme in 2024, but this considerable workload was met with enthusiasm and energy by the BPF's outstanding staff team. My deepest thanks go to them for their unfailing support and to our President, Nigel Flowers, and the BPF Council for their great encouragement and wise words.



The BPF's Director General
Philip Law speaking at the
91st Annual Dinner

UK Plastics Industry



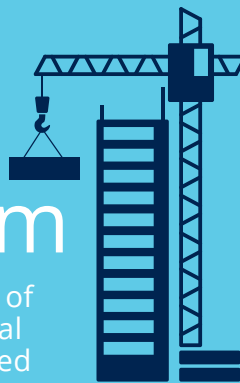
3.5m Tonnes of plastics consumed



5,700
Companies in the plastics industry



£32.8 bn*
Plastics industry turnover



1.8m
Tonnes of material produced



160,000
People employed



Top 3 largest
manufacturing
sectors

in the UK
(by employment)



£10.5 bn
Value of exports



Plastics are one of the UK's
Top 10
exports



2.5x
Increase in recycling
since 2006

Source: <https://www.bpf.co.uk/industry/sources.aspx>

*Includes raw material, products, recycling and equipment

Membership Services

MEMBERSHIP SERVICES DIRECTOR
Stephen Hunt

Throughout 2024, the BPF welcomed a record-breaking **54 new members**, bringing total membership to 604—the first time in our history that we've surpassed 600 members! These new additions represent all sectors of the plastics industry supply chain, including **12 moulders**, **7 universities**, **7 equipment suppliers**, and **6 recyclers**.

Showcasing Our Members

The BPF participated in **more UK-based trade shows than ever before**, taking part in 12 exhibitions across the country. At these events, we distributed over **1,500 copies** of the Members' Directory and actively directed visitors to our members' products and services, ensuring **maximum visibility** for our members.



BPF's Market Reports Portal

BPF Meeting Day

Each year, the BPF facilitates over **100 meetings** for our members, including **Group Meetings**, **Committee Meetings**, and **Task Force sessions**. In 2024, we introduced the **BPF Meeting Day**, consolidating several key meetings into a **single, dynamic event**. The inaugural Meeting Day, held in June, featured:

- Six different group meetings
- A plenary session
- Tabletop exhibitions from leading universities
- A pre-event networking dinner

Following its success, **BPF Meeting Day will return in 2025**, taking place on 1 July in Nottingham.



BPF's Moulders 2024 LEGO factory tour in Denmark

Lego Tour

In what we hope will be the first of many such trips, the BPF, in collaboration with our Danish counterpart, **The Danish Plastics Association**, and generously sponsored by **Summit Systems**, led a group of **35 moulders** on an exclusive tour of **Lego's world-renowned facility in Billund, Denmark**.

Attendees enjoyed:

- Expert presentations from Lego professionals covering sustainability, skills development, and productivity

- A behind-the-scenes tour of Lego's cutting-edge production process for its iconic plastic bricks

New, Exclusive Market Reports

In February 2024, we launched a dedicated Market Reports Portal — free and exclusive to BPF members. The portal offers access to 20+ downloadable industry reports, covering:

- Plastic production and consumption
- Packaging & recycling market reports
- Plastics machinery

- Members can explore the portal at www.bpf.co.uk/marketreports

GRIPS – Global Research and Innovation in Plastics Sustainability

In 2024, the BPF partnered with Innovate UK to deliver GRIPS 2024, the UK's largest plastics conference of the year. Held in Sheffield in September, the event attracted over 600 delegates (400 in person, 200 online) and featured:

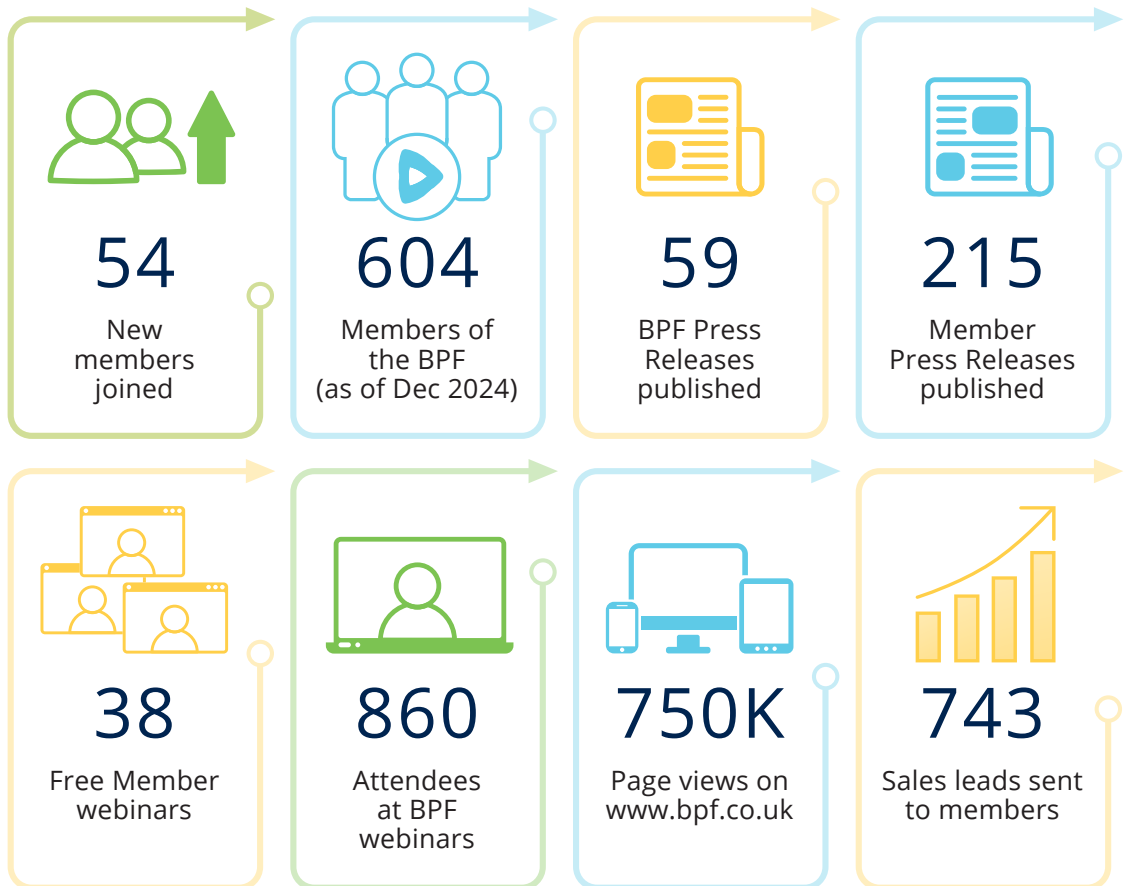
- Presentations from leading industry experts
- Poster exhibitions from BPF member universities
- Tabletop displays from top suppliers



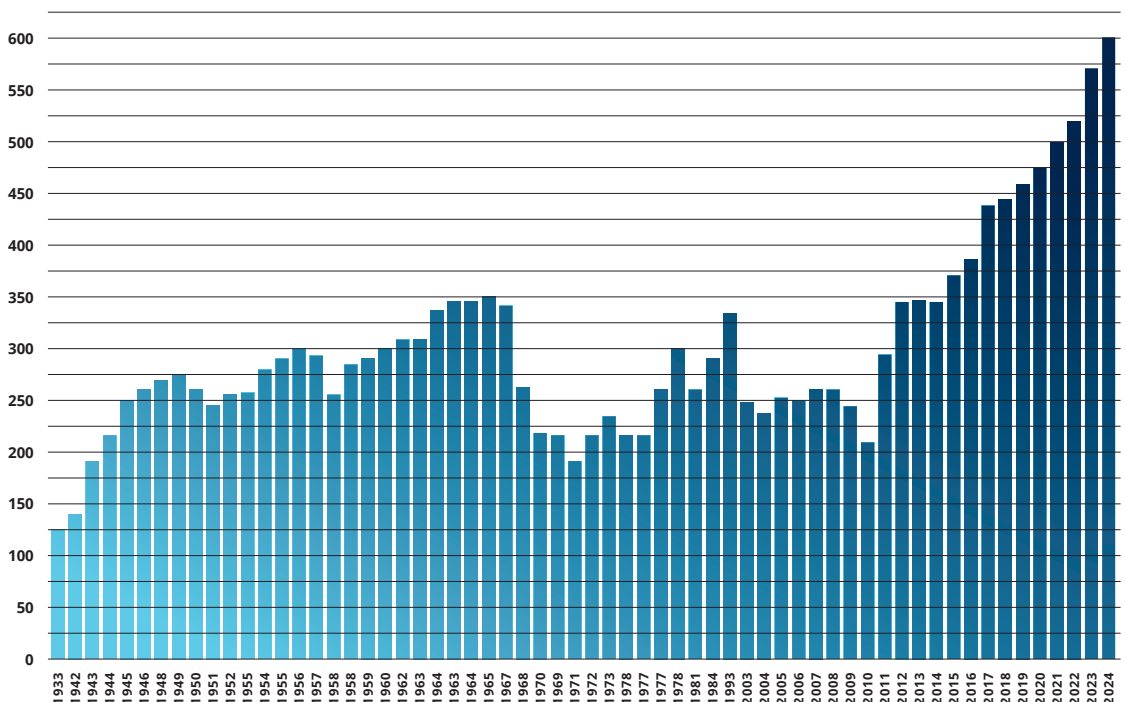
Poster exhibitions from BPF university network at BPF Meetings Day 2024

Membership Services

Year in numbers



BPF members 1933-2024



Finance and Administration

BPF FINANCE & ADMINISTRATION DIRECTOR
Darren Muir

2024 marked a milestone year for me personally, as well as for the BPF. It was my tenth year as Finance Director, and the ten-year anniversary of the founding of the current Board. Over the past decade, we've witnessed a remarkable period of change and evolution at the BPF including, I might add, in my own hair colour!

It's been a decade of growth, resilience, and adaptation, and 2024 was no exception. In a year of significant political change—with a new UK Government and a new President taking office in the US—global uncertainty was high. Yet amidst a troubled backdrop abroad, the Federation remained focused, forward-looking, and financially secure.

Welcome to Bose Professional

We were delighted this year to welcome Bose Professional as a high-profile new tenant. Their decision to join us in our vibrant Shoreditch location is a strong endorsement of both our upgraded facilities and the strategic importance of BPF House. With full occupancy now secured and a prestigious tenant mix, the building continues to be a core asset and income stream.

A Successful Investment in Meeting & Catering

One of our standout successes in 2024 was the increased use of our meeting and catering facilities. The investment in our new state-of-the-art meeting room, completed at the end of 2023, paid off handsomely as meeting and catering income was up **38%** on budget.

We also introduced new menus, refreshed our service offering, and

continued to receive glowing feedback from members and guests alike. Word is spreading: BPF House is firmly on the map as a premium, great-value meeting destination in the heart of London. Don't forget,

members benefit from a 25% discount on meeting room hire and catering services. If you haven't yet experienced our newly upgraded spaces and top-rated hospitality, now's the perfect time. Still the best value in London!

Growing the Team

As part of our ongoing commitment to excellence in communication and engagement, we invested again in our team welcoming Gavin Berkerey as our new Head of Marketing. Gavin joins a talented and energetic group, and his arrival strengthens our capacity to deliver targeted, innovative outreach that supports member needs and enhances our public profile.

And so to the numbers...

Despite wider economic challenges, the Federation's core turnover grew again in 2024, reaching **£3,364,278** (2023: £3,223,339). This was driven by strong membership renewals, growing event and meeting income, and steady ancillary income performance.

Administrative expenses rose to **£3,387,537** (2023: £3,203,802), reflecting both inflationary pressures and our continued investment in staff, infrastructure, and systems.

BPF Finance & Administration Director Darren Muir [BELOW] and after 10 years at the BPF [RIGHT]



After accounting for interest income, the Federation achieved a **pre-tax profit of £29,887** (2023: £53,793). While slightly lower than the previous year, this positive result underlines our ability to adapt and invest wisely while maintaining financial strength.

Throughout the year, we maintained close oversight of all financial activities, supported by rigorous management reporting, key metric monitoring, and the expert guidance of our Strategy & Finance Committee.

Looking Ahead

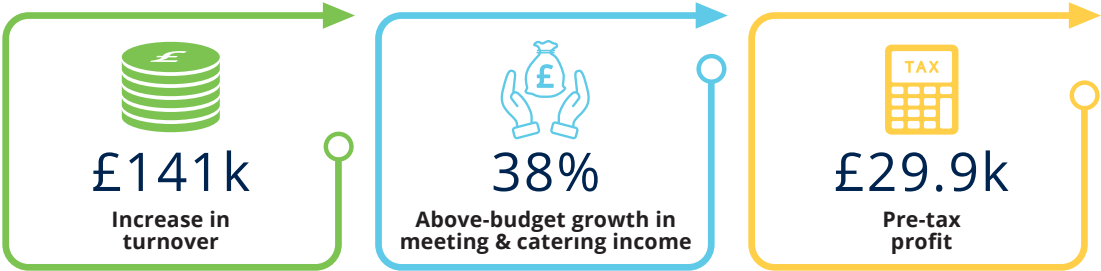
With full occupancy at BPF House, a growing and energised team, and a well-maintained financial foundation, the Federation is well placed for the opportunities as well as the uncertainties that lie ahead.

Finally

I extend my sincere thanks once again to our Honorary Treasurer, **Mike Boswell**, whose support and guidance remain invaluable, and to the entire Finance and Administration team. Their hard work, good humour, and professionalism make it a pleasure to do what we do.

Here's to the next chapter and hopefully, slightly less grey hair!

Financial highlights





BPF | British
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2025 Seminars



Scan to browse upcoming 2025 BPF seminars



BPF Incorporating Recycled Content Seminar

ONLINE

13 May 2025



REACH Seminar

ONLINE

20 May 2025



Sustainability Seminar

IN-PERSON

12 June 2025



Rotomoulding Seminar

IN-PERSON

25 September 2025



Chemical Recycling Seminar

ONLINE

4 November 2025



Packaging Seminar

ONLINE

13 November 2025



Thermoplastic Composites Seminar

IN-PERSON

18 November 2025



Automotive Seminar

IN-PERSON

25 November 2025



Recycling Seminar

IN-PERSON

2 December 2025



Vinylplus UK Seminar

ONLINE

8 December 2025



www.bpfevents.co.uk

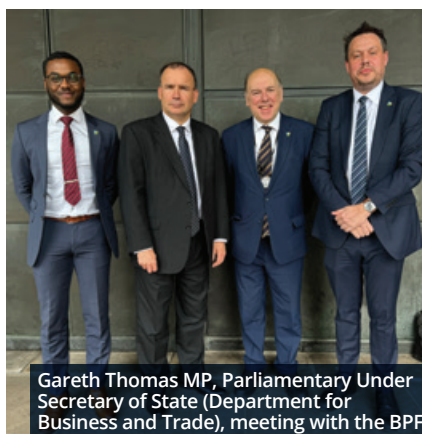
Public & Industrial Affairs

PUBLIC & INDUSTRIAL AFFAIRS MANAGER
Mohamed Elkhailifa

With the ever-changing political landscape, the BPF prioritised its political engagement in 2024. The UK, EU and US elections were all within months of each other and changes to regulations and legislation were on the horizon. Whilst the BPF decided to not host a parliamentary reception this year, the uncertainty on timings of UK elections meant that the event could be derailed and therefore was sensibly rearranged for Tuesday 4th March 2025.

Starting with the UK, having met with ministers from all major political parties, the views and messaging on behalf of the UK plastics industry were well represented. Engagement via His Majesty's Treasury (HMT), His Majesty's Revenue and Customs (HMRC), Department of Business and Trade (DBT), Department for Environment, Food and Rural Affairs (DEFRA) and Ministry of Housing, Communities and Local Government (MHCLG) allowed the coverage of a wide range of topics. Weekly meetings with DBT continued

and closer ties were fostered with DEFRA through the global plastics treaty, chemical recycling and REACH. Meetings with HMT through on advanced manufacturing, budgets and trade took place, whilst HMRC input on the Plastic Packaging Tax was well covered. Meetings with Ministers (and shadow ministers) from DBT, DESNEZ and DEFRA all occurred during the year. Simultaneously, in the EU, the BPF continued to work closely with its European counterparts and advocate through those channels in relevant



Gareth Thomas MP, Parliamentary Under Secretary of State (Department for Business and Trade), meeting with the BPF



Harriet Dyball and Mohamed Elkhailifa at the Labour Party Conference

KEY ACHIEVEMENTS

Increased engagement with senior government officials

Diversifying the avenues of advocacy work

Key Policy Requests document and video both well received

EU legislation. The BPF also spoke and attended European events on topics such as chemical recycling.

The BPF's Key Policy Requests document was used in several meetings with senior officials. It allowed the BPF to enter new departments and build new



Liam Byrne MP (Chair of the Business and Trade Select Committee) with Mohamed Elkhailifa



Mohamed Elkhailifa speaking at the annual Chemical Recyclers Europe (CRE) Conference in Brussels

relationships within government. In addition, the document was converted into a short and snappy video which was disseminated to members to use for their own advocacy work and to increase its reach. In the Autumn Budget, key asks on the acceptance of mass balance for chemically recycled plastics within the PPT was approved and, a reform and review of the apprenticeship levy was promised.

The plans for 2025 are to push the boundaries further and find even more ways to advocate for the UK plastics industry.

Media Engagement

HEAD OF MEDIA & PR
Rob Mills

In 2024 the BPF continued to have a strong presence in the media. We had over 243 mentions in the press over the course of the year, across online news and national media.

As usual, we helped provide information to many journalists throughout the year, including from the BBC. Notably, the BPF Director of Plastics and Flexible Packaging Brian Lodge was interviewed for an article within the Financial Times looking into the economics of tethered bottle caps.

We wrote to certain journalists that had published articles critical of plastics to build ties and to provide them with relevant information. We also published statements in response to articles, such as one that found flexible plastics had been used to create fuel instead of being recycled. We also published two statements defending EPS after critical comments had been made about it on national news outlets. Throughout



letsrecycle.com

OPINION: 'Chemical Recycling – still an opportunity to grasp in the UK!'

British Plastics Federation (BPF) sustainability manager, Helen Jordan, calls for an end to political equivocation in order to encourage more investment into chemical recycling in the UK.

OPINION: Chemical recycling is an umbrella term for a variety of technologies, often called 'advanced recycling', which allow for many of the widely used softer (flexible) plastics to be recycled as well as other hard-to-recycle plastics. But there are still huge quantities of valuable material that can be given a second life and kept out of energy from waste facilities or landfill.

The BPF first published its Recycling Roadmap in 2021. This document was designed to show what the UK could achieve, with the right drivers in place. We thought, optimistically but achievably, that roughly 300 kilotonnes (kT) of material could be chemically recycled within the UK by 2030. Achieving this required a number of things to happen. Sadly, little progress has been made, although there are still huge opportunities for companies wanting to capitalise on its potential.

BPF's sustainability manager
Helen Jordan

Roadmap, which revised forecasts from the original version, released back in 2021. This was covered widely in trade press, as well as having a detailed Q&A with BPF Sustainability Manager Helen Jordan within the Chartered Institute for Waste Management magazine Circular.

The BPF's many official position statements, covering a wide range of subjects, were all reviewed, with the nearly all of them updated. These are a good resource to direct journalists to or for the BPF and its members to refer to when



Why are caps now attached to bottles? Blame the EU

A new regulation has shaken up the industry

Soumaya Keynes [+ Add to myFT](#)

Soumaya Keynes

Published SEP 13 2024

671

Once everyone had to change their processes, that old equilibrium broke down. Brian Lodge of the British Plastics Federation says that manufacturers took the opportunity to shorten both the bottle caps and their necks, reducing the amount of plastic in use.

ABOVE Let's Recycle piece about chemical recycling

LEFT BPF Director of Plastics and Flexible Packaging Brian Lodge interviewed in the Financial Times

BELOW 'Circular' article featuring a Q&A with Helen Jordan about recycling plastic

dealing with the press, as the diligent approach involved in their development means the broad views of BPF membership are reflected in what are often complex issues.

Finally, we continued our ongoing PR project with the Environmental Services Association, which revolves around a campaign promoting the benefits of recycling, as well as best practise, in a fun and informative way. This includes working with social media influencers to reach audiences typically beyond our reach. An exciting evolution of this project is expected in 2025... so watch this space!

the year, 27 press releases and statements were released.

In addition, the BPF published a thought piece examining chemical recycling in Let's Recycle, calling for an end to political equivocation to encourage more investment in the various chemical technologies within the UK. This was timed to help promote the release of the second edition of the BPF's Recycling



Circular.
FOR RESOURCE AND WASTE PROFESSIONALS

search...

British Plastics Federation Sustainability Manager Helen Jordan

Environment and Energy, Sustainability, Treatment and Recovery

18th December 2024

Circular Online speaks to British Plastics Federation Sustainability Manager Helen Jordan about the Federation's Recycling Roadmap and the effectiveness of the Plastic Packaging Tax.

What are the main challenges to achieving a 70% rate for recycling and reuse by 2035?

Website & Social Media

BPF EXECUTIVES

Rebecca Shortland & Tahira Mclean

In 2024, the BPF website experienced impressive traffic, exceeding 1.4 million page views, solidifying its position as the leading advertising platform for the plastics industry, effectively promoting our members' products and services.

Website updates included providing valuable support to BPF members by publishing 22 free resources on sustainability, productivity, and energy management through the BPF Publication Library. Additionally, it has introduced a new complimentary course on OCS, 'Implementing OCS

& PAS 510:2021', available on polymercourses.com.

Over the last year, a series of original content was published exploring a wide array of topics, from ground-breaking innovations in the plastics industry to the pivotal role of plastics in sports such as football, and the application of plastics in the 2024 Olympic Games. These blogs also addressed key sustainability issues, including insights into the implementation of tethered closures for beverage bottles. As well as educational pieces, such as 'Women Who Changed the World Through Plastics' and an introductory guide to chemical recycling.



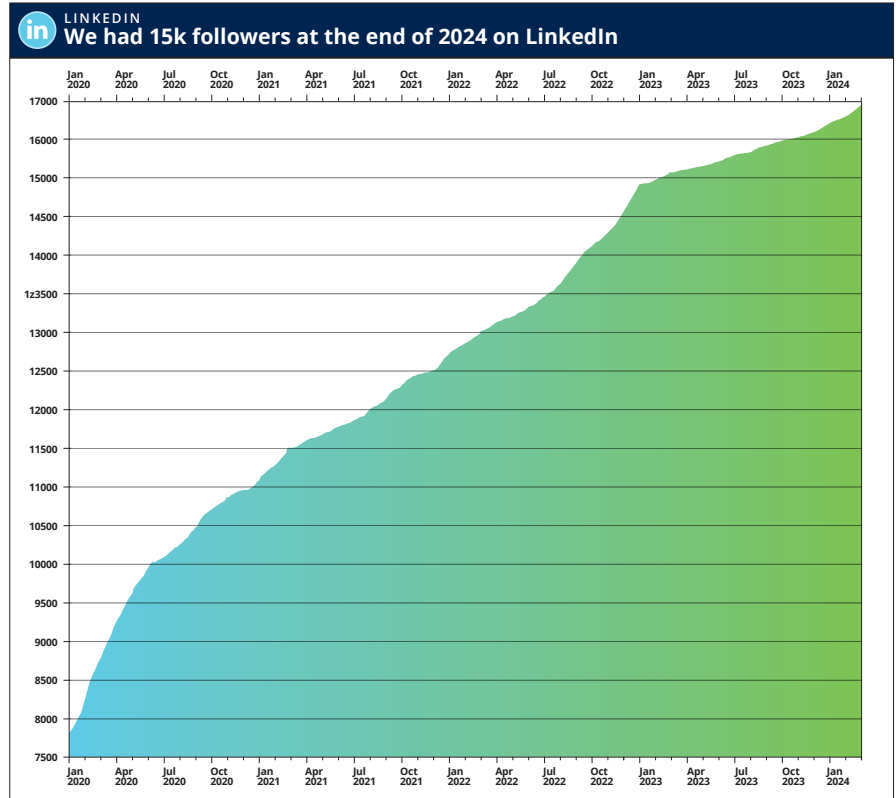
Energy management information sheets collection



Simply scan this QR code for the latest BPF articles:



Website & Social Media



2024 was another great year for the BPF's social media, as we continued to post 5 days a week on multiple platforms with organic content. We wrote and shared articles on how plastics has revolutionised safety, top innovations in the industry, and even how polymers are essential to football and the Olympics, as well as publishing a range of content highlighting the indisputable benefits of plastics, polls, legislative updates, and advice around recycling plastics. All of this work enables us to increase

brand awareness, manage the BPF's reputation, and continue building a community of plastics industry professionals.

Our most targeted platform, LinkedIn, saw remarkable growth in 2024 – with another year of rising followers and engagement. This success was driven by the strategic use of industry-relevant content, timely updates, and effective communication, which helped cultivate a dynamic online community. By consistently sharing valuable insights, we positioned the BPF as a thought leader in the plastics sector. Overall, we believe our LinkedIn presence in 2024 effectively combined informative content with strong community engagement, further solidifying our role as a key industry player.



Simply scan this code to follow our LinkedIn updates:



Events 2024

EVENTS TEAM

Paul Baxter & Monika Alie

Improving Health & Safety in the Plastics Industry Seminar

21 MARCH 2024 **ONLINE** Featuring industry experts, this seminar highlighted accident statistics, noise control, mental health, slips and trips, legal cases, and AI advancements in plastics industry safety.

Nearer Net Zero: Practical Advice for Plastics Processors Online Seminar

23 APRIL 2024 **ONLINE** This seminar featured practical steps for plastics processors, including actionable strategies for achieving Net Zero from Dr Robin Kent.

Sustainability and Plastics Seminar

15 MAY 2024 **IN-PERSON** The popular seminar featured speakers from Defra, Ernst & Young, ExxonMobil, and Braskem, covering the International Plastics Treaty, ESG trends, greenwashing and recycling challenges.

The Challenges of Incorporating Recycled Content in Plastics Packaging 2024

21 MAY 2024 **ONLINE** In this 4th edition, experts from Nelipak, EUPC, Amcor, LEGO, and ISCC Plus tackled recycled content challenges, mass balance, legislation, and innovative packaging solutions.

REACH and the Plastics Industry Seminar

26 JUNE 2024 **ONLINE** This seminar addressed the ever-important topics of REACH regulations, microplastics, CLP divergence, and Food Contact Material updates, with key updates from Plastics Europe and Defra.

Reusable Plastics Packaging 2024 Seminar

4 JULY 2024 **ONLINE** The seminar explored

reusable plastics packaging, featuring insights from ThePackHub, Plastics Europe, University of Sheffield, Hubbub, Recoup, Tesco, and Abel & Cole.

Chemical Recycling Seminar

17 OCTOBER 2024 **ONLINE** This online seminar addressed chemical recycling capacity, carbon impacts, ISO standards, legislation, pyrolysis, and economic growth, with insights including from AMI, Mura, and Defra.

Thermoplastic Composites Seminar

7 NOVEMBER 2024 **IN-PERSON** In collaboration with Composites UK, this 9th edition highlighted innovations advancing circularity and net-zero goals, featuring presentations from Far-UK Ltd on fibre-reinforced solutions, Composites Braiding Ltd on sustainable structures, ENGEL and more.

Plastics and AI Online Seminar

14 NOVEMBER 2024 **ONLINE** The second Plastics and AI seminar explored AI's role in the plastics industry, including talks on UK adoption by ADSP, manufacturing insights from Covestro, regulation updates by DSIT, carbon reduction by Mavarick, recycling innovations and more.

Plastics and Packaging Seminar 2024

20 NOVEMBER 2024 **IN-PERSON** The seminar discussed recent legislations from Defra on EPR updates, FSA on food contact regulations, Nestlé on

sustainability strategy, Recoup on Flexcollect, Faerch on tray recycling, and Dsposal on classification systems.

Plastics in Automotive Applications 2024

27 NOVEMBER 2024 **IN-PERSON** Featuring speakers such as Aston Business School on EV value chains, Borealis on PCR-based PP compounds, SMMT on industry developments, Sonichem on biobased parts, and an assessment of proposed EU rules for circularity.

Recycling Seminar 2024

3 DECEMBER 2024 **IN-PERSON** This event assembled recycling experts, with discussions from Defra on the UK pEPR scheme, WRC Group on waste classification, the Environment Agency on digital tracking plus Greenback Technologies on chemical recycling.

Developments in Biopolymers and Novel Materials 2024

4 DECEMBER 2024 **ONLINE** This emerging theme of sustainability featured BBIA on legislative issues, Aquapak on biobased PVA, BASF on biopolymers, Novamont and Xampla showcasing innovative processes, Notpla on seaweed-based polymers, and Solinatra on plant-based materials.

Innovation in Rotational Moulding 2024

10 DECEMBER 2024 **IN-PERSON** The well-attended seminar gathered experts, featuring LyondellBasell on fuel tanks, Maus on moulds, Leafield on bottle chippings, ARMO updates, 493k on sustainable cooling and Rotoplastic on hybrid machines.

VinylPlus UK Seminar

12 DECEMBER 2024 **ONLINE** This online seminar featured industry experts, such as BASF discussing plasticiser developments, S&P Global covering PVC market trends and VinylPlus on chemical recycling and EU updates.



BPF Annual Dinner

The BPF's Annual Dinner took place in London on 10 October 2024. This was the 91st BPF Annual Dinner and brought together over 500 plastics industry professionals from across the UK and overseas for a night of networking, entertainment and celebration.

The event was kindly sponsored by platinum sponsor LG Energy, gold sponsors Engel and Interplas, silver sponsors K 2025, Packaging Innovations 2025, Plastrubion and Nexeo Plastics and bronze sponsors Eurochiller, Listgrove, Sabic, Biesterfeld, Petroplas and Hayley 24/7. The pre dinner drinks were kindly sponsored by Arburg and the energy awards were sponsored by BPF Energy.

BPF Director General Philip Law welcomed guests to the event and discussed the sustainability of the industry and the resilience of the plastics industry in 2024.

After the dinner the BPF's current president Nigel Flowers, director at Sumitomo (SHI) Demag UK spoke. He discussed how it has been a



Annual Dinner speaker, impressionist Rory Bremner



turbulent year in politics and talked about the BPF's success in the digital world and in sustainability. He then presented the following awards to the worthy winners.

BPF Gold Medal Winner
Mike Boswell, Plastrubion

BPF Energy Award Winner
WSBL Ltd

BPF Energy Award Runner Up
Reliance Worldwide Corporation

The next BPF Annual Dinner will take place on Thursday 23 October 2025

To find out more visit www.bpf.co.uk



The BPF Energy Award for outstanding achievements in energy savings went to WSBL Ltd



The BPF Gold Medal Winner, Mike Boswell of Plastrubion

GRIPS

In 2024 over 600 people attended the Global Research and Innovation in Plastics Sustainability Conference 2024 (GRIPS 2024), which took place at the University of Sheffield on 19 September.

The 2024 edition was organised by Innovate UK in partnership with the British Plastics Federation (BPF), supported by the Worshipful Company of Horners (which provided a donation in memory of David Williams), and was sponsored by Plastics Europe and Sheffield University's Grantham Institute for Sustainable Futures.

The event featured presentations on three separate conference streams, focusing on sustainability, recycling and materials innovation.

GRIPS 2024 also had speakers from Tesco, Defra, RECOUP, CEFLEX, numerous universities,



caption

and many others (there were almost 60 speakers). In addition to excellent networking for the hundreds of in-person attendees, the event featured many exhibitors. The BPF also had a stand and spoke to dozens of people on a variety of topics, promoting its many sustainability initiatives and distributing copies of its ever-popular BPF Members Directory.

The main supporters of the event, the Worshipful Company of Horners, also announced the winners of the BPF Horners Award for Plastics Innovation and Design, the Horners Bottlemakers Award and the David Williams Award.



BPF Groups

UNIVERSITY NETWORK

BPF EXECUTIVE
Angela Fredericks

At the BPF, we believe that collaboration with academic institutions is essential to driving innovation and fostering meaningful change in the plastics industry. By inviting universities to join the BPF as associate members, we aim to bridge the gap between academic research and industry by facilitating cutting-edge advancements that propel the industry forward.

In 2024, the BPF's UK universities membership almost doubled to total 19 with others pending for 2025. University engagement has resulted in 8 presentations by leading researchers at BPF seminars, webinars, member meetings and showcase events such as GRIPS. Additionally, the "Meet the University" online event resulted in collaborations with members on a one-to-one basis. Students are also benefiting, with more than 100 having completed BPF's online CPD accredited courses.

The collaboration has resulted in the BPF being invited to chair and be members of a total of 8 university industry advisory groups as well invitations to present and participate in conferences and symposia that are directly relevant to member interests. This has also included advice to leading



BPF & Loughborough University Meeting

academics who are advising government on shaping policy

Last year, the BPF actively contributed to various research projects and proposals by providing in-kind support, including expert advice and guidance in specialised areas to advance polymer research. The BPF issued five letters of support to universities, bolstering the strength, competitiveness, and relevance of their research proposals, several of which successfully secured funding.

Furthermore, the BPF has actively contributed to academic research by proposing a range of student research projects in new areas of research that align with industry needs and emerging



GRIPS 2024

trends. This enables students to explore more impactful areas of study, enhances their academic learning and gain an appreciation of the evolving demands of the polymer sector.

To address the skills gap within the industry the BPF participated in 3 university careers fairs, raising awareness on the diverse roles available within the plastics industry. It was an opportunity to showcase the critical role plastics play in the latest advancements in technology and sustainability in our modern lives.

We are excited to continue working with universities in 2025, reaffirming our dedication to innovation, research and education.



BPF attends Innovation Fest at Birmingham City University



Scan the QR code to learn more



BPF Groups

PLASTICS & FLEXIBLE PACKAGING GROUP

BPF EXECUTIVES

Brian Lodge & Natalia Lewis-Masolino

The Plastics and Flexible Packaging Group attended a WRAP workshop on extending the Plastic Packaging Tax and met with HMRC to discuss industry issues relating to the Tax including the potential increase to the minimum recycled content threshold and the increase to the cost of the tax. The Group also sent a letter to the Head of Plastic Packaging Tax - Environmental Taxes to highlight the ongoing issue of fraud within the Plastic Packaging Tax and a lack of clarity regarding definitions of 'pre-consumer material'.

The Group participated in the Department for Environment, Food and Rural Affairs' Packaging Extended Producer Responsibility Recyclability Assessment Methodology discussions and provided feedback on the consultation on pEPR indicative base fees. The Group held

an extremely successful Reuse Workshop at Mitsui's London offices, where industry stakeholders shared knowledge on current reuse systems and measures required to develop and implement a successful reuse system across the sector. The BPF attended the Department for Environment, Food and Rural Affairs' Deposit Return Scheme Industry Stakeholder Forum meetings, to contribute to the Government's plans to appoint a Deposit Management Organisation that will be responsible for managing the Deposit Return Scheme across England, Scotland and Northern Ireland.

The Group sat on the University of Birmingham Plastics Policy Commission and helped produce The Sustainable Plastics Policy Commission Report containing



British Plastics Federation's 2024 Reuse Workshop

KEY ACHIEVEMENTS

Held the first very successful BPF/ Mitsui Reuse Workshop

Contributed to The Sustainable Plastics Policy Commission Report

Represented members in key stakeholder forums and meetings

key policy recommendations for Government which promote a sustainable future for plastics in the UK. The Plastics and Flexible Group Director Brian Lodge Chaired the RECOUP Recyclability by Design Committee and the WRAP Jazz Polyolefins Committee and sat on the All-Party Parliamentary Group (APPG) for packaging and sat on committees for the Packaging Federation, OPRL, Flex Collect, CIPPPA, and EuPC. The Group held several meetings with the Food Standards Agency to discuss ongoing food contact issues, made a submission to the WRAP Consultation on extending the UK Plastic Pact and made a submission to DEFRA on the Wet Wipes Ban public consultation.

The group welcomed 5 new members in 2024 and will continue to represent the sector, promoting the benefits of plastic packaging.



Ruth Price, Faerch, speaking at the BPF's 2024 Packaging seminar



BPF's Director of Plastics and Flexible Packaging, Brian Lodge

BPF Groups

PIPES GROUP

PRESIDENT

Steve Richmond
REHAU

VICE-PRESIDENT

Rachel Greasby
George Fischer UK

DIRECTOR

Caroline Ayres

STANDARDS AND TECHNICAL MANAGER

Owen Mace

KEY ACHIEVEMENTS

Publication of our 'Structural design of buried thermoplastic piping systems'

The enthusiasm to actively participate, share their ideas and gain invaluable knowledge demonstrated by members of the Future Industry Group, has been inspiring.

Working with other industry bodies on key pieces of work.



Owen Mace, Pipes Group Standards and Technical Manager

Our new Standards and Technical Manager, Owen Mace, succeeded Julia Trew who retired having made a huge contribution to the Pipes Group and plastic pipe industry. Owen has a background in manufacturing, engineering and management, with experience in the heating and hot water sectors, and the energy sector.

The Pipes Group has applied to become a trade associate (new category) of the Code for Construction Product Information (CCPI) scheme, continuing our commitment to supporting and promoting the CCPI to our members. The Group has also implemented parts of the code that are relevant to its technical output.

The Pipes Group continues to participate in key standards development, including British Standards (BS) and Water Industry Standards (WIS). This has been extended to representation on the Gas Industry Standards (GIS) committee.

2024 was particularly challenging due to a significant change to the organisation of the UK national standards development committee PRI/88 for plastic piping systems. Pipes Group had major input into this reorganisation, and continuing representation has been successfully retained.

During 2024, the Pipes Group added to its suite of guidance documents with the publication of key documents including significant updates of the 'Air admittance valves for domestic properties' guidance that has proved a big hit, and the 'Domestic

hot & cold water supply and central heating systems' guidance.

Stakeholder engagement has strengthened in 2024, including Future Energy Networks (gas standards),

NHBC (2025 update), DCWW (liaison) and KIWA (technical group). Ongoing trade press releases and LinkedIn posts continue to promote the benefits of plastic piping systems.



BPF Groups

RECYCLING GROUP

CHAIR
Roger Baynham
Philip Tyler Polymers Ltd

BPF EXECUTIVE
Omar Davidson

The BPF Recycling Group (BPF RG) faced a challenging year due to tough market conditions. Despite this, the group grew with the addition of 6 new companies, bringing the total group membership to 71.

In response to market challenges and recent recycling site closures, the BPF RG produced a briefing document titled “UK Plastic Recycling Market Conditions”. The document outlines the current challenges the sector is facing and what government support is required. This document will serve as a foundation for further talks with government. The group have requested a round table discussion with Defra and stakeholders.

The group held its usual four meetings throughout the year as well as the annual seminar, where

the BPF provides guidance on UK and EU legislation. To further help address the concern of market conditions, guest speakers, such as S&P Global Platts, were invited to present polymer market forecasts. The group also made a site visit to Berry Global’s recycling facility in Leamington Spa, which received positive feedback. More site visits are planned for 2025.

The group was also represented at four recycling trade shows this year, those shows were Resource & Waste Management, Plastics Recycling Show Europe, Recycling Expo and the RECOUP Conference.

In October, the second edition of the Recycling Roadmap was launched, offering updated data on the UK plastics recycling sector and industry growth projections. Building on the 2030 targets set in the first edition, it now includes new projections for 2035, along with data on new sectors, packaging reuse targets, and carbon impact. In the first three months, the roadmap was downloaded over 300 times, reflecting significant interest from across the industry and government.

KEY ACHIEVEMENTS

BPF RG response to challenging market conditions

Group meetings and trade shows

Recycling Roadmap 2nd Edition



From left to right: BPF Recycling Roadmap, BPF sustainability team at 2024 RECOUP conference and BPF Recycling Group document — UK Plastic Recycling Market Conditions

BPF Groups

MASS BALANCE TASKFORCE

During 2024 the BPF have continued its work on chemical recycling and ensuring mass balance is allowed within the UK Plastic Packaging Tax. Advocacy work was undertaken during early 2024, prior to the election, to call for the response to the mass balance consultation which closed in October 2023. This included meetings with Ministers and MPs as well as parliamentary questions and letters.

The BPF built on the resources already available through the Chemical Recycling Information Hub and released a video to provide a simple explanation of chemical recycling and mass balance. This was partly as a reaction to the number of new MPs and Ministers in post following the election.

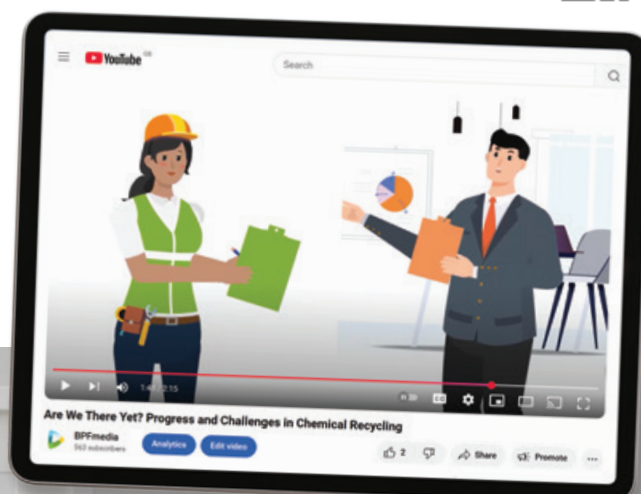
In the Autumn Budget the long-awaited response was received to the mass balance consultation. This confirmed that mass balance would be allowed within the Plastic Packaging Tax with a fuel use exempt model. This

is what the BPF had been advocating for over four years and the response closely followed all the points made by the BPF in its response.

The BPF has joined the Plastic Packaging Tax Mass Balance Approach Working Group which is run by HMRC to help develop the legislation needed to implement this change along with the removal of pre-consumer from the plastic packaging tax. The BPF's mass balance taskforce was reformed at the end of 2024 to help to feed into this process and ensure industry gets the reassurances needed to invest in chemical recycling infrastructure.

2025 will be a busy year working on the detail of how mass balance will be implemented.

Chemical recycling 2024 YouTube video



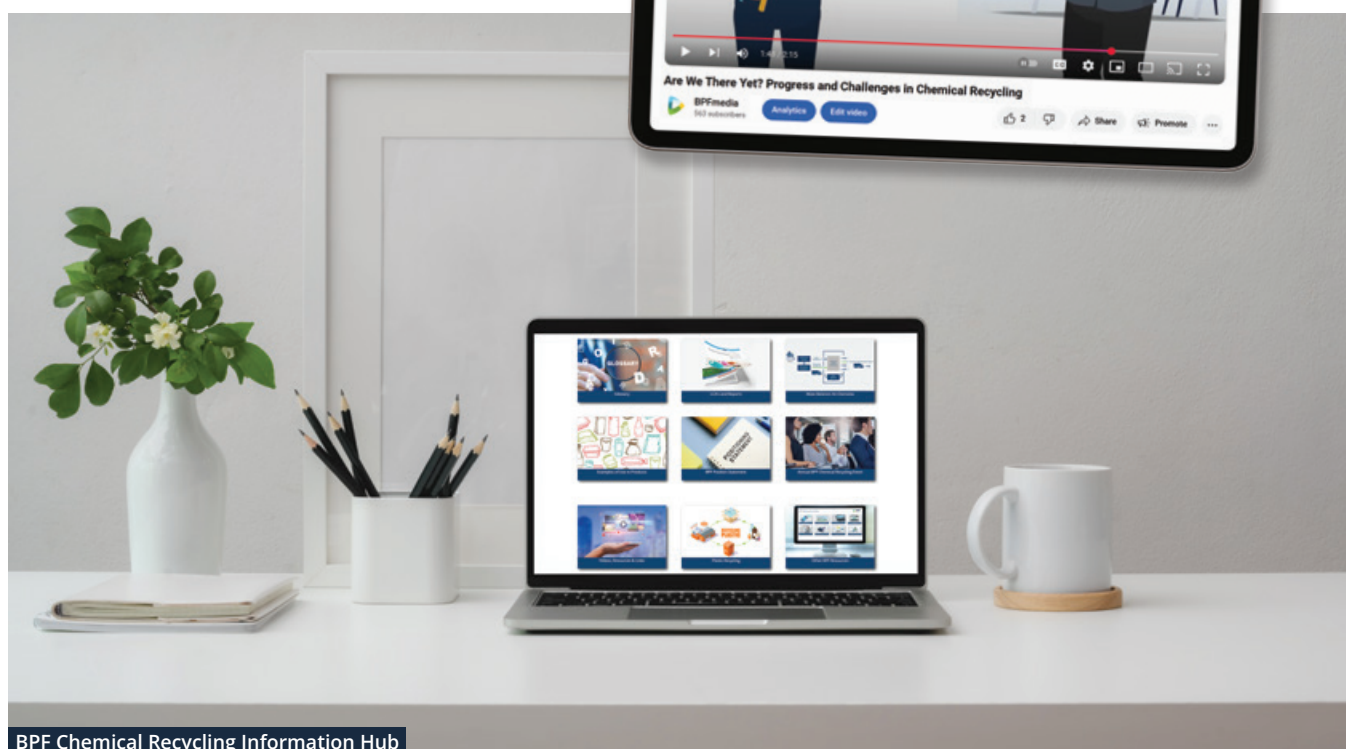
KEY ACHIEVEMENTS

Response to the mass balance consultation

Chemical recycling / mass balance Video

Joining the Plastic Packaging Tax Mass Balance Approach Working Group

Scan QR code to access the BPF chemical recycling hub



BPF Chemical Recycling Information Hub

BPF Groups

VINYLPLUS UK GROUP

CHAIR
Brian Cosgrove
Ineos

BPF EXECUTIVE
Nicolette Hunt-Davison

The British Plastics Federation is the official UK partner of VinylPlus® which is the European PVC industry's commitment to sustainable development of PVC. The BPF also represents the VinylPlus UK Group members from the PVC industry to UK Government, customers and media with members representing the whole supply chain.

A busy year for the Group started with PVC2024 taking place in Edinburgh in April. The BPF is part of the organising committee and exhibited at the conference which took place in person for the first time since 2017. The Group also met at the BPF Member Day held in June providing an opportunity to network with other members and to attend a plenary session including financial and chemical recycling updates. The VinylPlus UK Conference took place



BPF at the PVC2024 Conference in Edinburgh



in December on-line incorporating a cross-section of industry including flooring, windows and automotive industries and academia. The programme featured some of the latest advances in the PVC industry, including updates on legislation from the UK and Europe. The event saw global participation from the USA, China and European colleagues involved in the PVC industry to name

a few. Speakers included INEOS Inovyn, University of Manchester and VinylPlus®. Presentations included PVC Chemical Recycling, the latest Research in PVC, a Global Market Analysis as well as the recent development in the VinylPlus advocacy strategy. The next event will take place in December 2025.

Key areas for the VinylPlus UK Group during 2024 included REACH regulations, the continued dialogue with ECHA, the latest updates on the activities of the BPF and VinylPlus® in Europe including representation at INC5 on behalf of the PVC industry.

POLYMER DISTRIBUTORS, COMPOUNDERS AND VOLUME SUPPLIERS

CHAIR
Mike Boswell
Plastribution

BPF EXECUTIVE
Mary Aiken-Wood

The BPF Polymer Distributors, Compounders and Volume Suppliers group have focused on various topics throughout 2024 and had four group meetings, with a key focus on UK and EU REACH, freight risk and insurance, public affairs and polymer supply updates. Many members engaged with the BPF's UK REACH workshop and provided evidence to the BPF



KEY ACHIEVEMENTS

Input to DEFRA's UK REACH consultation

Advocacy via various routes, including the parliamentary reception

Engagement with various organisations and companies on key topics

for use in its ATRm consultation response. The majority of the group participated in the BPF's Annual Dinner where the Chairman, Mike Boswell, was awarded the gold medal for his outstanding services to the plastics industry.

BPF Groups

MASTERBATCH AND TECHNICAL COMPOUNDS GROUP

CHAIR
Russell Livesey
Colloids

BPF EXECUTIVE
Mary Aiken-Wood

KEY ACHIEVEMENTS

Engagement with various organisations and companies on key topics

Input into the consultation on UK REACH ATRm

Advocacy via various routes, including the parliamentary reception



As with other raw material supplier groups, UK REACH and regulatory updates continued to be important to the Masterbatch and Technical Compounds group. The BPF asked group members for their input on REACH and the proposed ATRm, which was used to write the consultation

response. The BPF also supported members with queries related to UK REACH and microplastics. Group members engaged with various BPF events throughout the year, including the first Meetings Day, and continued to engage with BPF advocacy initiatives.

ADDITIVES SUPPLIERS GROUP

CHAIR
Steve Harrison
Reagans Ltd

BPF EXECUTIVE
Mary Aiken-Wood

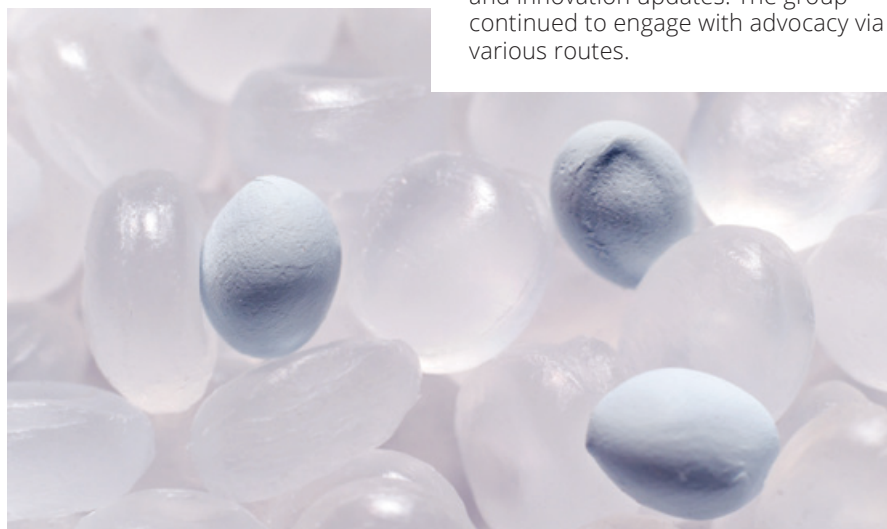
UK REACH continued to be an important topic for the Additives Suppliers Group. Group members have shared their thoughts and knowledge with the BPF, supporting with the ATRm consultation, and several attended the BPF's REACH workshop. Attendance to the BPF's first Meetings Day was high, with topics covered including legislation and innovation updates. The group continued to engage with advocacy via various routes.

KEY ACHIEVEMENTS

Input to DEFRA's UK REACH consultation

Continued advocacy on chemical regulations

Engagement with various organisations and companies on key topics



BPF inspecting Henry's no tackiness LR



BPF Groups

WINDOWS GROUP

CHAIR
Martin Althorpe
Epwin Group

BPF EXECUTIVE
Nicolette Hunt-Davison

The BPF Windows Group established in 1981, represents system houses, fabricators, raw material and additive suppliers incorporating the supply chain in the PVC-U windows, doors and conservatories industry. As the second largest recycler in Europe of profiles at present, the Group continues to meet to discuss regulatory standards, updates in design and the circular economy supporting the recycling of profiles to create a more sustainable future. The Group continued to meet throughout 2024, working collaboratively with



industry partners, standards bodies and trade associations to contribute to regulatory standards and providing members with updates on the latest developments within the

industry. EPPA – The European Trade Association of PVC Window System Suppliers attends meetings to provide regular updates of the market across Europe.

CELLULAR PVC-U GROUP

CHAIR
Dave Osborne
Swish Building Products

BPF EXECUTIVE
Nicolette Hunt-Davison

The Cellular PVC Group represents the UK cladding and roofline industry. The Group is active in standards and working groups with technical bodies such as the Construction Products Association, BSI, BBA and The Building

Research Establishment (BRE) as well as with European industry organisations. As the demand for quality, design flexible and sustainable PVC products continues within the construction industry, the Group members also participate through a range of other BPF Committees and Market Sector Groups. This assists with networking, contributing to policy development and keeping up to date with the day-to-day changes occurring in the industry and support the recycling of products through the VinylPlus® initiative for the 'Towards 2030' plan, contributing to circular economy targets.



SHEET AND COATED FABRICS GROUP

BPF EXECUTIVE
Nicolette Hunt-Davison

The well-established BPF Sheet and Coated Fabrics Group represents BPF members in the manufacturing sector for products including flooring and construction products.

The Group continues to support the work of VinylPlus® to deliver



the 2030 Voluntary Commitment to sustainable development of the European PVC industry. Championing the Recofloor scheme which collects and recycles commercial flooring throughout the UK, they continue to work towards a more sustainable future with such a versatile and highly recyclable material. They are also represented within the VinylPlus UK Group keeping members aware of regulatory changes, standards and industry updates.

BPF Groups

ROTATIONAL MOULDING GROUP

CHAIR

Phil Maddox
Leaffield Environmental Ltd

BPF EXECUTIVE

Graeme Craig

The BPF Rotational Moulding Group was established in 1978 and promotes the interests of all those involved in the rotational moulding process. 2024 has seen an increase in numbers for the Group with 3 new members.

At the BPF Group Meeting Day in June, the Group had one of their best attended meetings with 15 members attending. The event was an excellent networking day with an additional social gathering the night before. The meeting heard expert speakers from Ernst Young, who provided an overview of the Environmental, Social, and Governance (ESG) framework, how it will impact on supply chains and how members should prepare for compliance.

We also made plans for another overseas factory tour, to replicate the

excellent learning trip the Group enjoyed in Italy last year. We are hoping to finalise plans before the end of this year for a Spring trip to Poland in 2025.

The Group has access to ARMO bulletins, trade press, and key people that can assist in organising foreign factory tours, such as the excellent mission to Italy in 2023.

Two rotational moulding webinars were delivered: ARMO delivered advice on how to meet the ambitious goals set by the European Union for the use of recycled plastics in packaging. And a session on Rotomoulding Materials Based on PCR-Content, Bio-content, Biodegradable & Foams.

The 4th annual Group Benchmarking Survey was issued to the Group and the resulting report issued to the members that took part. The one positive element the report



showed was that more members are using e-learning training course, The Fundamentals of Rotational Moulding, free-to-group-members on <https://www.polymercourses.com/>

This represents a four-fold increase in uptake.

Our Annual Group Seminar took place at Edgbaston Cricket Stadium. Titled Innovation in Rotational Moulding and sponsored by LyondellBasell. This important networking event attracted 50+ rotomoulders for a full day of networking and presentations.



Rotational Moulding event at Edgbaston Stadium

BPF Groups

POLYMER SUPPLIERS GROUP

BPF EXECUTIVE
Mary Aiken-Wood

The Polymer Producers and Suppliers group represents the interests of UK plastics raw material suppliers. The group was active in response to consultations such as the UK REACH ATRm consultation and various BPF events and webinars, including the first BPF Meetings Day. Members of the group engaged with green chemistry and sustainability initiatives and spoke at several BPF events throughout the year. The BPF also shared their successes via its website and socials.

KEY ACHIEVEMENTS

Input to DEFRA's UK REACH consultation

Advocacy via various routes

Engagement with various organisations and companies on key topics



COMPOSITES GROUP

BPF EXECUTIVE
Graeme Craig

Understanding the role of plastics in material composites is crucial. The successful blend of different materials has driven past innovations and will continue to do so. Building on the achievements of previous events, the ninth annual Thermoplastic Composites Seminar took place in 2024. This event, hosted at the BPF offices in London, once again underscored the critical role these advancements play in the plastics industry.



BPF Groups

MOULDERS AND SPECIALIST PROCESSORS GROUP

CHAIR
Wilf Davis
Broanmain Plastics

BPF EXECUTIVE
Graeme Craig

The BPF Moulding and Specialist Processors Group is the biggest Group in membership – currently standing at 150 members. The Group provides a framework for the representation and promotion of injection moulding and specialist processors with objectives to increase and retain membership and improve relations with the wider BPF.

The Group's annual benchmarking survey was carried out with 23 moulders completing the survey, representing between them 2,414 staff.

The highlight of the year saw 30 members travel to Denmark for a tour of the LEGO factory in Billund. LEGO provided members lunch and a tour of the production site. The state-of-the-art production was truly fascinating.



BPF Moulding and Specialist Processors Group at LEGO factory tour in Denmark

Tour attendees were also treated to nearly four hours of presentations from the Lego team, which provided insights on a broad range of topics including:

- Recycling and Re-use
- Industry 4.0 / Digitalisation in Production
- LEAN & Housekeeping disciplines
- Training & Development

An overview of the Danish sector was also provided by the BPF equivalent, the Danish Plastics Federation (DPF).

Lego places a high value on its people and were pleased to report to

members that they had just reached an impressive milestone in Billund by exceeding 1,000 days accident free.

Summit Systems sponsored the trip, which meant members enjoyed a networking dinner with the team from LEGO and the DPF.

There has been no Meet the Toolmaker event this year but one has been organised for 2025 on 27 February. Organised between the BPF and GTMA the event was established to enable UK based processors to engage with domestic toolmakers in order to further enable the reshoring of tools.

AUTOMOTIVE FORUM

CHAIR
Ian Ray
Jaguar Land Rover

BPF EXECUTIVE
Graeme Craig

A key market for the plastics industry is the Automotive sector. Engagement with this supply chain is managed via the BPF's Automotive Forum. This year the Forum had three meetings of the Forum, with the final meeting of the year seeing their best-ever attendance with 30 members.

The forum is Chaired by a representative of Jaguar Land Rover (who are an associate member of the BPF) and attended by the Society of Motor Manufacturers and Traders (SMMT - also an associate member of BPF) who provide regular

reports on the sector. In addition, the SMMT published economic reports are routinely circulate to members.

The Forum has also started research on the availability and quality of PCR in the UK to assess whether there is sufficient supply to meet the ELV Directive that demands that 25% of new cars must be manufactured using recycled materials. Whilst the directive does not come into effect for some time (perhaps another 5 to 6 years) the

Forum is preparing a position paper that will address any concerns as to the UK's recycling infrastructure is fit-for-purpose.

The Automotive Forum's annual seminar took place on the 27 November at Edgbaston Cricket Club. This one-day event attracted over 50 plastics industry professionals and included sessions on topics including PCR, ELV, barriers to the transition to electric, and a panel discussion on investing in the auto industry.



The BPF's 2024 Automotive Forum

BPF Groups

EQUIPMENT GROUP

BPF EXECUTIVE
Justyna Elliott

The BPF Equipment Group has almost 70 members and is one of the largest

groups within the BPF. The members comprise of manufacturers and suppliers of processing machinery, ancillary equipment, components and instrumentation, post-processing machinery, manufacturing process software, testing equipment and more.



Machines and equipment supplied by the BPF Equipment Group Members

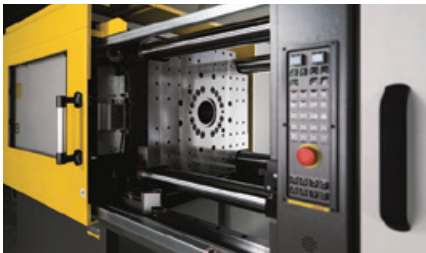


KEY ACHIEVEMENTS

Table Top displays at various BPF Seminars

Sponsorship of the BPF Annual Dinner 2024

Benchmarking survey of the BPF Equipment Group members (December 2024)



INDUSTRIAL PLASTICS WELDING AND FABRICATION GROUP (IPWAF)

BPF EXECUTIVE
Justyna Elliott

The Industrial Plastics Welding and Fabrication (IPWAF) Group includes (but is not exclusive to) manufacturers, distributors, fabricators, stockists, equipment suppliers, contractors and laboratories. The group's mission statement is 'to be recognised as the leading membership body representing industrial plastics

welding and fabrication'. The aim of this group is to foster a high level of professionalism in areas of design, product development and manufacturing. It also promotes the marketing and sales activities of its member firms and the wider industrial plastics fabrication and the welding industry within the UK.

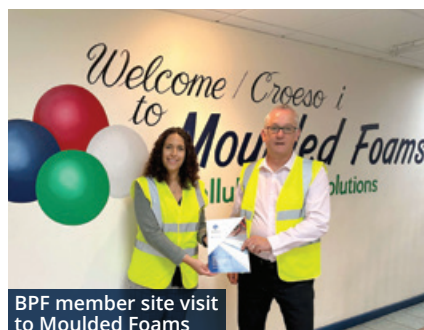
BPF Groups

EXPANDED POLYSTYRENE

CHAIR
Tim Wilson
Engineered Foam Products

BPF EXECUTIVES
Angela Fredericks
BPF Special Advisor – EPS & Innovation

Nicolette Hunt-Davison
BPF Industrial Issues Executive



KEY ACHIEVEMENTS

Increased engagement with EPS industry members and stakeholders

Advocacy on key UK and EU legislation

Enhanced participation at events alongside media engagement

The EPS Group comprising of raw material suppliers, manufacturers and recyclers represents the UK EPS industry's voice. The group welcomed a new chairperson, Tim Wilson (Engineered Foam Products) and BPF Special Advisor on EPS & Innovation, Angela Fredericks. With this transition period in mind, the group strengthened its engagement through meetings and site visits.

Political challenges drove a focus on policy issues including Extended Producer Responsibility (EPR) and the Plastics Packaging Tax (PPT). The group developed an EPS Briefing Paper to address key issues with government and worked closely with the European Manufacturers of Expanded Polystyrene (EUMEPS) supporting European advocacy efforts.

The EPS packaging recycling rate is estimated to be 66%, based on data and expert analysis. Efforts to boost collections included sponsoring the LARAC Conference and speaking at the



Resource Efficiency Wales Conference to engage local authorities. With over half of surveyed UK councils interested in collecting EPS, the group is committed to collaborating with

stakeholders to increase recycling rate. The group sponsored the BPF Recycling Roadmap demonstrating commitment to achieving a sustainable future.

A visit to Site Zero in Sweden, the world's leading plastic sorting facility, highlighted innovations driving EPS circularity in Europe and provided a platform to exchange insights on the present and future of EPS recycling.

A major milestone was the United Nations Environment Programmes (UNEP) recognition of EPS transport packaging as widely recycled globally, reflecting industry progress.

The group debuted at Construction Week, held at the NEC in Birmingham, where it showcased a range of innovative EPS construction products. This event provided an excellent platform to highlight the versatility, sustainability, and efficiency of EPS solutions in the construction sector.

BPF stand at UK Construction Week expo 2024



Expert Committees

SUSTAINABILITY COMMITTEE
CHAIR Jamie Riley Berry Global
BPF EXECUTIVE Lara Steinhobel

The Committee started the year with a new Chairman – Jamie Riley from Berry Global. His success as the Chairman is clear, with a focus on education in terms of ‘plastic positivity’ in support of ESG commitments and making an impact in the world of plastics and sustainability.

With another record year of new Committee members, the Sustainability Seminar, held in-person at BPF House continues to be a highlight. Topics discussed included greenwashing, the role of biofuels and bio-based plastics in sustainable development, and market-based approaches to solve environmental challenges for businesses.

The UN Global Treaty on Plastic Pollution saw its fourth and fifth Intergovernmental Negotiating Committees (INCs) gather in Canada and the Republic of Korea, respectively, with the BPF attending these negotiations in person. It has been a successful year in terms of the treaty, with the BPF staying close to UK discussions and other



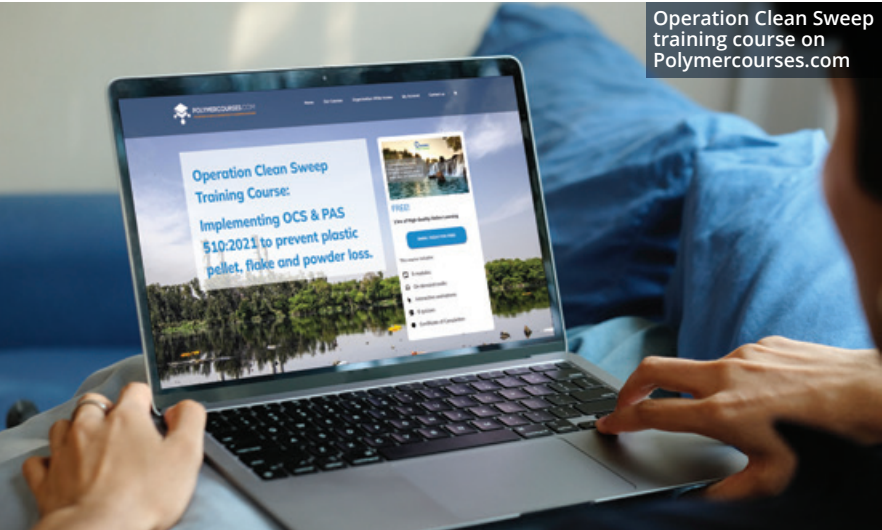
BPF at the UN Global Treaty's fourth Intergovernmental Negotiating Committees (INCs) event in Canada

industry positions. Of note, the BPF was invited to a MP Roundtable Event talking about the goals of the treaty, followed by a Sustainability Reception at Buckingham Palace, hosted by His Royal Highness King Charles III.

Our Carbon Taskforce has also come into full swing, with members meeting three times this year to discuss decarbonisation within the industry and focusing on delivering and monitoring the progress of our Net Zero Strategy.

Going forward, 2025 will see the BPF continue to make strides with Operation Clean Sweep signatories and resources, advocating for our newly released training course. Through practical commitments and actions, the Committee will strive to

maintain the reputation of plastics and the UK industry as sustainable, adaptive and solution-orientated, as we continue to prioritise reaching for net zero and a circular economy.



Operation Clean Sweep training course on [Polymercourses.com](https://polymercourses.com)



The BPF attended the United Nations Environment Programme's (UNEP) 5th session of the INC-5

KEY ACHIEVEMENTS

Attendance at INC-4 and INC-5 for the UN Global Treaty on Plastic Pollution

Carbon Taskforce up and running

OCS training course launched

Expert Committees

INDUSTRIAL HEALTH & SAFETY COMMITTEE AND SAFETY IN MANUFACTURING PLASTICS (SIMPL)

CHAIR

Richard Bladon
Richard Bladon & Associates Ltd

BPF EXECUTIVE

Graeme Craig

The BPF Industrial Health & Safety Committee is a forum for sharing best practice, keeping close links with the Health & Safety Executive, reviewing our industry's H&S performance, and promoting the joint industry initiative, SIMPL.

The BPF carries out an annual accident survey to monitor our industry's H&S performance and target our content and guidance to critical areas highlighted in the survey.

This year we had an improved number of accident returns, with 86 members responding, up from 72 last year. This response represents 19,999 employees

Every year we publish the highest reported causes of injury. Top accident causes included:

- Slips, trips or fall on the same level
- Injured whilst handling, lifting or carrying
- Hit by moving inc. flying or falling, object
- Hit against stationary object

In response to this data a webinar was delivered on reducing accidents from slips, trips, & falls and is available on the BPF webinar archive.

The full report is available online. Next year's survey will be issued end of January/beginning of February.

The Committee's annual H&S Seminar took place online on 21 March. 58 members joined the seminar to hear a programme of speakers covering a strong mix of subjects. Alongside more fundamental H&S topics like slips, trips, & falls, mental health and wellbeing, and noise control, the programme included two speakers discuss AI in H&S and how it can be adopted by SMEs to ensure

better compliance with standards.

The full seminar is archived on the BPF website.

'Safety in Manufacturing Plastics' or SIMPL is the industry-led initiative to improve health and safety across the whole plastics industry. The scheme is jointly managed by BPF and Composites UK and comprises of industry bodies, HSE, and the unions.

Meetings include guest speakers that support the SIMPL in shaping the H&S strategy for the industry. One such speaker provided an insight into new research investigating the human exposure threat with 3D printers. Previous research showed that VOC emissions were below workplace exposure limits (WELs). New research shows that VOCs linger for a good hour post-printing which is unexpected – this is also the period when VOC concentration is highest.

As a partner of HSE's Working Minds Campaign we were able to notify members of important mental health guidance for the workplace, key calendar dates such as Mental Health Awareness Day, and free online tools for employers.

An important development for

the Committee saw a meet at a member's premises. Following the meeting the Committee enjoyed a H&S based tour of the site. The tour allowed Committee members some lessons learned on innovative measures carried out by the host, but also an opportunity to provide constructive criticism on areas where improvements could be made.

This meeting proved to be an important shared learning day (for the host and attendees) without intervention from the HSE. Committee Chairman, Richard Bladon hoped that more members will be prepared to host similar meetings of the Committee.

Earlier in the year we received reports from the HSE that they intended to target the Plastics industry for compliance with The Control of Legionella Bacteria in Water Systems including cooling towers up until the end of October 2024.

The Committee were able to inform members of the measures they should be taken to ensure compliance, HSE guidance, and provide a link to a website for registered Legionella Management & Water Treatment Specialists.



Expert Committees

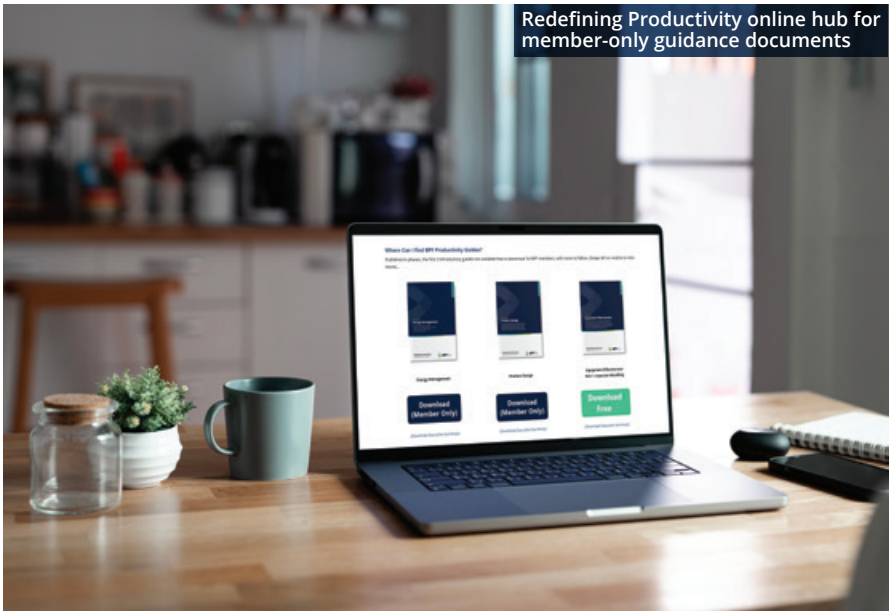
PRODUCTIVITY COMMITTEE
CHAIR Nigel Flowers Sumitomo (SHI) Demag
BPF EXECUTIVE Graeme Craig

The BPF Productivity Committee began in 2020 and was created as a cross-group forum to support members in becoming more productive and competitive.

Following three years' work, the committee has launched free-to-members a set of guidance documents titled Redefining Productivity: Competitive now and into the future.

Redefining Productivity is a long-term project for the BPF's Productivity Committee and when complete will be a large suite of documents providing state-of-the-art guidance on improving the industry's productivity in a sustainable and profitable way.

The first of these documents cover the following subjects:



Redefining Productivity online hub for member-only guidance documents

- Energy Management
 - Equipment Effectiveness – Part 1: Injection Moulding
 - Product Design
- These are available on the BPF website as free downloads for members. But

this is only the first part of a phased release. Next will be Automation, Digitalisation and Waste Minimisation.

Before publication, each document goes out to the industry for peer group review to ensure 'buy-in' from the industry and related bodies. Once published they are reviewed annually in order to keep them up to date.

Phase II is already underway. The Equipment guide will have more processing technologies added, including Rotational Moulding, Compression Moulding, Blow Moulding, Extrusion, and Thermoforming. Plus four new documents covering Additive Manufacturing, Quality, and Sustainability.

Delivering this guidance requires member support. Anyone wishing to be involved in the working groups that produce this important content can contact gcraig@bpf.co.uk



Equipment Effectiveness productivity guidance document

Expert Committees

SKILLS AND EDUCATION COMMITTEE

CHAIR
Jo Davis
Broanmain Plastics

BPF EXECUTIVE
Mary Aiken-Wood

The committee strategy was launched to address the UK plastics industry skills gap, which continues to be a topic of concern to BPF members. Several new members joined the committee and the group met three times in 2024.

Two more Career Ambassador training sessions saw fifteen more ambassadors trained. With the education landscape rapidly changing, the group provided input into two government consultations (the Advanced British Standard and the Curriculum and Assessment Review) and discussed the new government's Skills England announcement and its potential impacts on the industry.

A review of the current training landscape and gaps in training resource was discussed, as well as the topic of Equity, Diversity and



Samuel Johnston of Colloids, winners of the Polymer Apprentice Awards 2024

Inclusion (ED&I). Chairperson, Jo Davis, spoke at an IPT Breakfast event

on a Roadmap for Future Skills in Manufacturing and education and skills has been highlighted as an area of focus for the BPF by Director General, Philip Law.

The committee has also discussed increasing engagement with other organisations and has worked with the Careers and Enterprise Company to investigate ways to increase plastics companies' engagement with schools.

Jo Davis speaks at IPT event on skills in the manufacturing sector



KEY ACHIEVEMENTS

Input into two consultations – Advanced British Standard and the Curriculum and Assessment Review – highlighting issues with T levels and Apprenticeships

Two more career ambassador training sessions

Review of the current training landscape

Expert Committees

PRODUCT SAFETY COMMITTEE

CHAIR
Chris Howick
INOVYN ChlorVinyls

BPF EXECUTIVE
Mary Aiken-Wood

KEY ACHIEVEMENTS

- Organisation of the first Product Safety workshop on UK REACH
- Summarised key regulatory updates for BPF members
- Submitted a response to DEFRA's ATRm consultation and further meetings with relevant government representatives to reiterate the challenges associated with UK REACH



EU and UK REACH has continued to be important across BPF membership, becoming increasingly more business critical. The Product Safety Committee played a huge role in keeping members informed of important updates and supporting BPF members with REACH related enquires. The committee also responded to the ATRm consultation and met with DEFRA to highlight key concerns of the industry. PFAS and microplastics were also important topics, amongst others. The first BPF Product Safety REACH workshop was organised and was considered a big success, with members leaving the day with a clearer understanding of practical steps they should be taking now. The number of committee members has grown significantly in 2024. The annual UK REACH seminar was a helpful resource to members of the federation.

FIRE SAFETY COMMITTEE

FIRE COMMITTEE (CONSULTANT)
Christine Lukas
Uetliberg Partners

BPF EXECUTIVE
Mary Aiken-Wood

KEY ACHIEVEMENTS

- Monitoring the Phase II Grenfell report and any impact on the plastics industry
- Creation of a one-pager overview to summarise the committee and its goals
- Involvement with several BSI committees relevant to fire safety testing and standards

The Fire Safety Committee has gained new members from various BPF groups, including Pipes, EPS and raw materials. The creation of a one-pager which summarises the committee's goals and objectives has driven growth of the committee. The BPF continues to have representation on several BSI committees, providing a voice to the UK plastics industry on fire safety standards reviews. The committee monitored the phase II Grenfell report to understand impact on the industry and has continued to support BPF members with fire safety related queries, referring to relevant fire safety standards.



Associate members of the BPF

HEAD OF BUSINESS SUPPORT NETWORK

Justyna Elliott

BPF associate members is a group of services providers which provide

support and consultancy to the plastics industry. They also offer in-house testing, help with apprentices, and provide training and skills development. BPF members can benefit from discounts and free consultations. The

associate members help with process and product development, pensions advice, energy procurement, legal advice, insurance, recruitment, R&D tax returns, financing solutions, currency and more.

Chudleigh Sutch/ Paulson Training

Online training for processors, material suppliers, machine builders

Croner

BPF members get free legal support advice.

The Fuel Store

Discounted cards for petrol, diesel or electric vehicles.

Helix Polymer Technology

Engineering services, plastic part design, flow simulation, mould tooling procurement, process optimisation and troubleshooting, training.

Interplas Events

UK plastics exhibition organiser – BPF members get discounted stand costs at Interplas.

Jaguar Land Rover

British multinational car manufacturer

Kaizen Institute

Global firm providing training and implementing Continuous Improvement and Lean Management.

LG Energy Group

Energy procurement and consultancy – BPF members are offered savings on a cost recovery audit.

Listgrove International recruitment and HR

BPF members get up to two free industry-recognised psychometric profiles.

Logicall UK

Transport, logistics services and warehousing.

Multi Ventures Ltd

Consultancy and technical support.

NSF

Accredited, independent third-party certification body that tests and certifies products to verify they meet these public health and safety standards.

On-Site Energy

Energy reduction and carbon emissions reduction for plastics processors.

PlastikCity

Procurement portal for the UK plastics sector.

Polymer Training and Innovation Centre

Training and consultancy – BPF members get a 10% discount on courses.

PS Partnerships & Consultancy

Plastics consultancy, regulatory support, quality management systems and training provider. BPF Members 10% off courses.

RJG Technologies Ltd

Injection moulding process training and support – BPF members get a 10% discount on courses.

The S&A Transform Academy

Professional training, certifications and apprenticeships.

Siemens Financial Services

Equipment financing, leasing solutions, invoice financing, B2B financing.

Smithers

Training and consultancy – BPF members get a 10% discount on courses.

Sierra 57 Consult

Technical recruitment, onsite moulding training.

Solutions4Polymers

Training and support, including polymer apprenticeships – BPF members get a 10% discount on courses

TorFX

Currency broker and international money transfers.

Tiro Training Limited

Training provider for science and technology apprenticeships.

Smithers

Training and consultancy – BPF members get a 10% discount on courses.

Trowers & Hamlins Ltd

Legal advice and support.

TWI

Technical and vocational education, R&D and testing.

UL

Testing, certification, assessment and regulatory compliance services – BPF members get a 10% discount on courses.

WTW

Insurance services – BPF members get a free insurance review consultation.

Yordas Group

Global chemical regulatory consulting services.

UNIVERSITY NETWORK

HEAD OF UNIVERSITY NETWORK

Angela Fredericks

EPS & Special Projects Advisor

Birmingham City University

Brunel University London

Leeds Beckett University, The Research Institute

Loughborough University

Polymer IRC University of Bradford

Queens University Belfast

Swansea University

University of Birmingham, Plastics Network

University of Hull, School of Natural Sciences – Chemistry

University of Leicester

University of Manchester, Department of Chemical Engineering

University of Nottingham

University of Plymouth School of Engineering, Computing and Mathematics

University of Portsmouth

University of Sheffield

University of Sheffield, AMRC Advanced Manufacturing Research Centre,

University of York, Green Chemistry Centre of Excellence

WMG University of Warwick

Business Development: Overseas and UK

BPF EXECUTIVE
Justyna Elliott

British Pavilion at Chinaplas and Mission to China

Chinaplas 2024 took place on 23-26 April 2024 in Shanghai, China and attracted a record breaking 321,879 visitors and 4,420 exhibitors, making it the largest plastics exhibitions in the world.

The BPF coordinated a British Pavilion of exhibitors and the UK's Department for Business and Trade (DBT) supported us on the ground. The British Pavilion exhibitors included:

- B&M Longworth
- BioCote
- British Plastics Federation
- Ceramicx
- Fraser Antistatic
- Hosokawa Micron
- Meech International
- MSA Engineering Systems
- Nextool UK
- Rapidflame

In addition to the British Pavilion, the BPF also co-ordinated a "Mission to China". The mission, which was kindly sponsored by currency exchange and international payments specialist - TorFX included delegates from:

- Applied Market Information (AMI)
- Astropol
- Bamberger Polymers (Europe) B.V
- Broanmain Plastics
- HH Plastic Metal Co
- Moulders Consulting Ltd
- Premier Moulding Machinery
- Sierra 57 Consult
- Thomas Swan & Co
- TorFX



BPF stand at PRSE 2024, 19-20 June 2024, Amsterdam, Holland

The BPF had a stand at the Plastics Recycling Show Europe (PRSE), which is the leading exhibition and conference for plastics recycling in mainland Europe. The biggest names in recycled materials, recycling machinery and services were showcasing the latest innovations and the BPF was representing its over 600 members including over 70 BPF Recycling Group members.

BPF represented members at twelve UK industry exhibitions

The BPF handed out hundreds of copies of BPF Members Directory and

promoted its 600+ members from the BPF stand at twelve trade fairs held in the UK:

- 1 **Southern Manufacturing**
6-8 February, Farnborough
- 2 **Packaging Innovations**
21-22 February, NEC, Birmingham
- 3 **PVC 2024**
15-18 April 2024, Edinburgh
- 4 **Engineering Supply Chain Show (ESC) MACH UK**
16-18 April Birmingham, NEC
- 5 **CHEM UK**
15-16 May 2024, Birmingham, NEC
- 6 **Med Tech**
5-6 June 2024, Birmingham NEC
- 7 **Plastics Live**
12-13 June 2024, Coventry
- 8 **RWM**
11-12 September 2024, Birmingham, NEC
- 9 **PPMA**
24-26 September, Birmingham, NEC
- 11 **UK Construction Week**
Birmingham 1-3 October 2024, Birmingham, NEC
- 12 **Recycling Expo**
15-16 October, London, Excel
- 13 **Advanced Engineering**
30-31 October 2024, Birmingham, NEC



BPF Meetings Day

On June 4th, 2024, the British Plastics Federation (BPF) organised a Meetings Day exclusively for its members. This event began with morning meetings for six BPF groups involving focused discussions and collaboration. Following these sessions, attendees enjoyed a joint networking lunch, fostering connections and idea exchange. The day concluded with an informative afternoon presentation open to all members, offering valuable insights and updates relevant to the industry.

Held at the Draycote Hotel in Rugby, with an optional evening meal the night before, the event was designed to be an informative mix of top-level industry updates, sub-sector updates and cross-sector networking.

which was well-represented at the event by participants from raw materials groups, processors, recyclers, and equipment suppliers. Additionally, the event showcased



BPF's first Members Meeting Day held at Draycote Hotel in Rugby



tabletop displays from several universities, proudly part of the BPF Universities Group, highlighting their contributions to plastics.

This was the largest cross BPF group event in 2024 apart from the BPF Annual Dinner, which was held in October. The BPF received a lot of positive feedback and plans to make the Group Meetings Day an annual event.



BPF Energy

TECHNICAL DIRECTOR AND CCA
ADMINISTRATION MANAGER

Peter Haslop

The year started with the launch of the Government consultation for the new CCA scheme. BPF energy responded on behalf of all our Partners with our responses detailing the best outcome for the Plastics and Thin film sectors. We have now received the official government response to the consultation with a very positive outcome. The CCA scheme has been extended for a further 6 years with the next Target period starting 1st January 2026 for an initial 12-month period and then a further two 24-month Target periods to 2030 with the CCL relief remaining in place until 31st March 2033.

Earlier this year BPF Energy commissioned a new book "Energy Management in Plastics Processing" written by Dr Robin Kent. In October this year we sent all our CCA Partners a free copy which we hope you will find useful in assisting you to achieve your CCA reduction targets. If you would like further copies, please go to the BPF book shop <https://www.bpf.co.uk/shop.aspx> don't

BPF Energy's new book "Energy Management in Plastics Processing" written by Dr Robin Kent



forget to tick the box for the 30% discount code.

The BPF Energy Carbon Footprint Reporting Tool is an invaluable tool as you map out your route and monitor your progress in achieving Net Zero. To register for the FREE to use Carbon Footprint Tool please visit <https://www.bpf.co.uk/carbonfootprint/register>.

We hosted a very successful events program, produced and presented by Dr. Robin Kent, covering the topics of Net zero, Carbon Footprint, Controlling Energy, Sustainability Management



KEY ACHIEVEMENTS

The CCA scheme has been extended a further 6 years.

BPF Energy launched the 4th edition of Energy Management in Plastics Processing

The BPF Energy Carbon Footprint Reporting Tool is more important than ever as the plastics Industry maps and monitors the route to Net Zero.



and new for 2024 Energy Mapping – an essential modeling technique for understanding the energy use on site.

Finally, congratulations go to the 2024 BPF Energy Award winner, WSBL Ltd with Reliance Worldwide Corporation, Launceston as runners up.

BPF Horners Awards

BPF EXECUTIVE
Rebecca Shortland

The BPF Horners Awards saw a record breaking number of entries in 2024, providing another incredibly competitive year full of amazing innovations within the industry.

Plastics Design and Innovation

Taking home the Horners award for Plastics Innovation and Design is Loughborough University's 'Next-Generation Additive Manufactured Police Body Armour' which is set to revolutionise body-worn protective systems for frontline policing.

Loughborough university recognised that body armour development for frontline policing had stagnated, especially regarding knife and spike threats. They also noted that recent developments are typically with limited-to-no consideration of female users or individuals that have body shapes incompatible with traditional sizing - which leads to officers wearing body armour that is uncomfortable and less effective.

That's exactly why researchers at Loughborough University developed and successfully demonstrated both polymer laser sintered and hybrid aramid-laser sintered body armour panels, capable of providing multi-strike protection against knife, spike, and handgun ballistic threats - in line with the UK Home Office's Body Armour Standard. Their amazing innovation allows for the design and manufacture of bespoke protective panels capable of providing improved

comfort, wearability, and overall protection to often neglected user populations, in particular female police officers.

The David Williams Award

This year's David Williams Award (presented to those who make an outstanding contribution to society through plastics) rightfully went to Isabel Payne for her invention of the SafiCase.

Payne discovered that a singular menstrual cup replaces 10 years' worth of single-use sanitary products, and with around 500 million women relying on sanitary products being distributed monthly by charities, the menstrual cup should be an incredible alternative. However, research shows menstrual cups cannot be distributed due to the difficulties cleaning them without a large amount of clean water and a mains electrical connection - which is of course a big barrier in developing countries or areas of conflict.

That's why Payne developed 'Saficase' - an all-in-one solution for both cleaning and sterilising a menstrual cup with minimal water. Made using medical grade silicone, HDPE, and PP (to create a safe sterilising environment and ensure longevity) the product uses a steam sterilising circuit powered by a modular solar battery base which only needs 15ml water and is charged with 24 hours of sunlight per month. The body of the case can also be used to mechanically 'shake clean' a cup with 45 ml water for convenient discrete cleaning.



2024 Horners Award winners

Bottlemakers Award

This year's winner of the Bottlemakers Award was Hawkins Mutes with their Blowmoulded Brass Instrument Mutes.

Hawkins' Mutes are crafted from high-quality ABS plastic, known for its durability and stiffness, giving exceptional acoustic properties. This choice of material not only guarantees the longevity of the mutes but also delivers a rich, warm tone that resonates with musicians and audiences alike. Interestingly, one of the key elements of production is their utilization of blow moulding, which not only ensures uniformity in each mute but also allows for intricate and complex designs that enhance the acoustic properties of the mutes, and increases the strength of the finished parts.

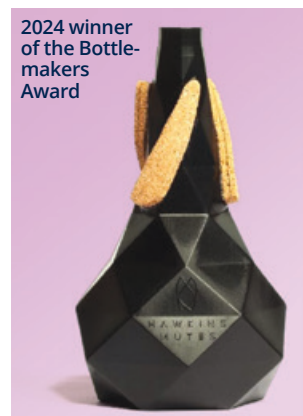
The Horners committee felt that the Mutes are a shining example of the excellence in design and manufacturing for which the United Kingdom is renowned, as at the heart of Hawkins Mutes' success is their UK production. The company's commitment to domestic design and manufacturing has not only bolstered the local economy but has also allowed them to maintain rigorous quality control standards.



Horners award for Plastics Innovation and Design



2024 David Williams Award winner



2024 winner of the Bottlemakers Award

Members of the BPF

(as of 31 December 2024)

Additives Suppliers

Akdeniz Chemson Additives Ltd
 Aquapurge
 Astropol Ltd
 BASF plc
 BioCote
 Birch Chemicals
 eChem Ltd / FACI UK
 Grolman Ltd
 IKA (UK) Ltd
 IMCD UK
 IMERYS
 IPS Adhesives
 Kenyon Group Ltd
 Kisuma Chemicals
 LXD UK Limited
 M & I Materials
 Microban (Europe) Limited
 Millers Oils
 Omya
 Permabond Engineering
 Adhesives Ltd
 R & P Developments Ltd
 RBH Group
 Reagens Ltd
 Safic-Alcan UK
 Stardust Materials
 Thomas Swan
 Wessington Group
 BASF plc
 Addmaster
 Colloids
 ColorMatrix
 Gabriel Chemie UK
 Wells Performance Materials Ltd
 Mitsui & Co Europe PLC
 Covestro Ltd
 Corcoran Chemicals Ltd
 Lysis Technologies
 ExxonMobil
 Baerlocher UK Ltd
 Dow Chemical Company Ltd

Expanded Polystyrene

BASF plc
 BEWI Insulation & Construction
 (UK) Limited
 Cordek Ltd
 Energystore
 Engineered Foam Products
 Moulded Foams
 Moulded Foams Ltd
 Regenthill Ltd
 Springvale EPS Ltd
 Sundolitt
 Sunpor
 Thermabead

Thulecraft Ltd
 Total Energies
 Versalis
 Volker Gruppe Limited

Masterbatch and Technical Compounds

Abbey Masterbatch
 Addmaster
 Advanced Plastic Technology
 Alpha Plastics Solutions Ltd
 Broadway Colours Ltd
 Colloids
 ColorMatrix
 Colour Tone Masterbatch Ltd
 Gabriel Chemie UK
 Hubron (International) Ltd
 LyondellBasell (Gwent)
 Nexam Chemical
 Performance Masterbatches Ltd
 Prisma Colour Ltd
 SACO AEI Polymers
 Silvergate Plastics Ltd
 Wells Performance Materials Ltd

Moulders and Specialist Processors

A K Industries Ltd
 A Pack Plastics Ltd
 AC Plastics Ltd
 Advanced Plastics Ltd
 Aeroplas (UK) Ltd
 Agentdraw Ltd
 Alfreccell Limited
 Amies Technical Plastics
 Anel Plastics Ltd
 Avalon Plastics Ltd
 Barkley Plastics
 Bepak Europe Ltd
 Big Bear Plastic Products Ltd
 BNL (UK) Ltd
 Bolton Plastic Components Ltd
 Bourbon Automotive Plastics
 Limited
 Broanmain
 BSA Mouldings Ltd
 Burnetts Manufacturing Limited
 CCL Design
 Champion Mouldings Ltd
 CJ Tools and Mouldings Ltd
 Clark Drain Ltd
 CooperVision Manufacturing Ltd
 Coral Products Plc
 Counterplas Ltd
 Craemer UK Ltd
 Data Plastics

Denroy Plastics Ltd
 Desch Plantpak
 Epsotech
 Essentra Components Ltd
 Euro Extrusions Limited
 F L Plastics Ltd
 Fairgrieve Compression
 Mouldings Ltd
 Falcon Trunking Systems
 Fenton Precision Engineering Ltd
 Fern Plastic Products Ltd
 Flambeau Europlast Ltd
 Flexitallic UK Ltd
 Forteq UK Ltd
 Frontier Plastics Ltd
 George UTZ Ltd
 Glazpart Ltd
 Goodfish Ltd
 Groupe Plastivaloire
 Grupo Antolin Leamington Ltd
 HellermannTyton
 Hozelock Ltd
 Husqvarna (UK) Ltd
 ICM (Plastic Moulding) Ltd
 Inpress Plastics Ltd
 Iota Sigma
 IPACKCHEM Ltd
 IPL Global
 JF McKenna Ltd
 Johnstone Safety Products Ltd
 Kalsi Plastics (UK) Ltd
 KASAI UK LTD
 KB Extruders Ltd
 KB Extruders Ltd
 Kenda Manufacturing GB Limited
 Keter UK Ltd
 Labone Castleside Ltd
 Lettergold Plastics Ltd
 Linecross Ltd
 Linic Plastics Ltd
 LMC Plastics Ltd
 Loadhog
 Magma Moulding Ltd
 Malton Plastics (UK) Ltd
 Masona Plastics
 Mauser UK Ltd
 McLaren Plastics Ltd
 Meadex Rubber Mouldings Ltd
 Measom Freer & Co Ltd
 Melba Products Ltd
 Mergon
 Merriott Plastics Ltd
 MGS Technical Plastics Ltd
 Mollertech UK Ltd
 Nelipak Healthcare Packaging Ltd
 Nifco UK Ltd
 Nordell Limited
 Northern Ireland Plastics Ltd
 Northpoint Ltd
 Northumbria Blow Mouldings Ltd
 Norton Plastics Ltd

Novares
 Numatic International Ltd
 Olympus Algram
 Owen Greenings & Mumford Ltd
 Oxford Plastic Systems Ltd
 Patterson & Rothwell
 Peak Plastics Ltd
 Peerless Plastics & Coatings
 Pennine Manufacturing Ltd
 Pentagon Plastics Ltd
 PF Concept
 Piolax Manufacturing Ltd
 Plasmotec Limited
 Plastic Engineering Solutions Ltd
 Plastic Extruders Limited
 PolyGlobal
 Polymermedics
 Polyplas Extrusions Ltd
 Rainbow Professional Limited
 Ravago Building Solutions UK Ltd
 Really Useful Products Ltd
 Recenso GmbH
 RGE Engineering Ltd
 Ricoh UK Products Ltd
 Rutland Plastics
 S&S Plastics
 Sanko Gosei
 Shellworks
 Silicone Engineering Ltd
 SMR Automotive Mirrors UK Ltd
 St Davids Assemblies
 Sterilin Ltd
 Straight PLC
 Strata Products Ltd
 Stroud Metal Co Ltd
 Synergy Plastics Limited
 Talisman Plastics
 Taylor Engineering and Plastics Ltd
 Tex Plastics Products Ltd
 Thermoseal Group
 Thumbs Up (Bury) Ltd
 TI Fluid systems
 TPF Plastics Ltd
 TRP Sealing Systems Ltd
 TS (UK) Ltd
 UB Plastics
 Unicorn Group
 UPG
 VIP Polymers
 Vital Parts Ltd
 Viva Nylons Limited
 Warden Plastics
 West Pharmaceutical Services
 Cornwall Ltd
 White Horse Plastics
 WHS Plastics Ltd
 Wipac Technology Limited
 WSM Industries
 XANDOR Automotive
 YKK
 Zotefoams Plc

Plastics & Flexible Packaging Group

3M United Kingdom
Aegg Ltd
Aintree Plastics Ltd
Alfaplas Ltd
Alpla UK Ltd
Amcor Flexibles EMEA
Aquapak Polymers Ltd
ASK Plastics Ltd
AST Plastic Containers UK LLP
Bericap UK Ltd
Berry Global, Inc
Beverage Plastics Ltd
Blowplast Ltd
Bostik Ltd
Canyon Europe Ltd
Cedo Ltd
Chase Packaging Ltd
CHEP UK Ltd
Constantia FFP Ltd
Coveris Flexibles UK Ltd
Cromwell Polythene Ltd
Crown Packaging Plc
DMD 2000 Ltd
Dow Chemical Company Ltd
Duo Plastics Ltd
Echo Packaging Ltd
Elite Plastics Ltd
Emballator (UK) Ltd
Esterform Packaging Ltd
Faerch UK Ltd
First Circle Packaging Ltd
Flint Ink (UK) Ltd
Frank Mercer & Sons Ltd
Futamura Chemical UK Ltd
Guala Closures UK Ltd
GV Health Ltd
Hanmere Polythene Ltd
Henkel Ltd
Highland Spring Ltd
Imperial Polythene Products Ltd
Innovia Films Ltd
Interflex Group Europe Ltd
Intertek Wilton
IPACKCHEM Ltd
Jokey UK Ltd
Jubb UK Ltd
KB Extruders Ltd
Klöckner Pentaplast
KM Packaging Services Ltd
LINPAC Packaging Ltd
Logoplaste UK Ltd
Mainetti (UK) Ltd
Manupackaging UK Ltd
McBride Ltd
Melitta UK Ltd. t/a Melitta UK and Cofresco Foodservice
Modern Packaging UK Ltd

Monpet Extrusion Ltd
Muller UK & Ireland Group LLP
Nelipak Healthcare Packaging Ltd
Nexeo Plastics UK Ltd
Nolato Jaycare Ltd
Nu Agencies Ltd
Papier-Mettler UK Ltd
Parkside Flexibles (Europe) Ltd
PFF Packaging Ltd
Plasfilms
Plastek UK Ltd
Plastic Bottle Supplies Ltd
Plastic Closures Ltd
Plastic Products Ltd
Plastipak UK Ltd
Polypouch UK Ltd
Polystar Plastics Ltd
Polytech Liquid Polymers Ltd
Povoas Packaging Ltd
PPS Recovery Systems Ltd
ProAmpac
ProAmpac Elsham Ltd
ProAmpac Grimsby Ltd
ProAmpac Lincoln Ltd
Roberts Mart & Co Ltd
Robinson Plastic Packaging Ltd
Roxane UK Ltd
Sealed Air Ltd
Seevent Plastics Ltd
SHARPAK AYLESHAM
Sharpak Bridgwater Ltd
Sharpak Yate
Silgan Closures UK Ltd
Skymark Packaging International Ltd
Solventum
SONE Products Ltd
Spectra Packaging Solutions Ltd
SPS Pouches Ltd
St. Johns Packaging (UK) Ltd
Sun Chemical Ltd
Taghleef Industries L.L.C.
TCL Packaging Ltd
Tech Folien Ltd
Terinex Flexibles Ltd
The Bag Broker UK Ltd
Tosca Services UK Ltd
TPS Rental Systems Ltd
Trioworld UK Ltd
Tyler Packaging Ltd
Waddington Europe Ltd

Plastics & Rubber Equipment Suppliers Group

3PA Ltd
Altair
Aqua
Arburg

Atlas Copco
BEP Surface Technologies
Billion
Bole Machinery
Buhler
Busch (UK)
Ceramicx
Chudleigh Sutch
Coperion K-Tron
CR Clarke
Davis-Standard
ENGEL
FANUC UK
Farrel Pomini
Formech International
Fox Precision Tooling
Fraser Anti-Static Techniques
Hayley 247
Hi-Tech Automation
Industrial Physics
Intouch
Kongsilde
Krauss Maffei
Labotek
Mach-Tech Services
Magog Industries
Manufacturing Software Solutions
Matics
Meech International
Moulders Consulting
Mouldshop
MSA Engineering Systems
Negri Bossi
PerkinElmer (AES) UK
Piovan
PMEUK
Premier Moulding Machinery
Protech Automation
Ridat Company
ROMI Machines UK
RUD Chains
SolvAir Limited
Sonic Solutions
Staubli
STVmachinery (aka PEPS)
Sumitomo (SHI) Demag
Summit Systems
T H Plastics
Technotrans Graphics
The Aerogen Company
Tinius Olsen
TransXL
UK Extrusion
Useon Extrusion
Vecoplan
Walker & Smith
Windmoller & Holscher
WITTMANN BATTENFELD
Xtrutech
Zeppelin Systems
Longworth

Pipes

ACO Technologies PLC
Aliaxis UK
Brett Martin
Durapipe UK
Geberit Ltd
George Fischer Sales Ltd
GF Piping Systems UK
Hydro International
Marley Plumbing and Drainage
McAlpine and Co Ltd
Naylor
Polypipe Building Products
Polypipe Building Services
Radius Systems Ltd
REHAU Ltd
Reliance Worldwide Corporation (RWC)
SDS Ltd
Uponor Ltd
Wavin

Polymer Distributors & Compounders

Albis UK Ltd
Biesterfeld Petroplas
Bjorn Thorsen Limited
CJP Sales
Distrupol
Formerra UK Ltd
Hardie Polymers Ltd
Hellyar Plastics
HEXPOL TPE Ltd
Longfield Chemicals Ltd
LyondellBasell (Warrington)
Montachem International
Nexeo Plastics UK Ltd
Plastoplan Polymer Ltd
Plastribution
Polymer Compounders Ltd
RAI Polymers UK Ltd
Snetor
Sumika Polymer Compounds (UK) Ltd
Ultrapolymers Ltd

Polymer Suppliers

Advanced Elastomer Systems
Alpek Polyester UK Ltd
Alphagary
Aquapak Polymers Ltd
Benvic Dugdale Limited
Berwin Group
Covestro Ltd
INOVYN ChlorVinyls Ltd

Members of the BPF

Luxus
LyondellBasell (Milton Keynes)
Plastic Technology Services
Radici Plastics UK Ltd
Sabic UK
Solvay
Vinnolit Ltd

Recyclers

4PET part of Faerch Group
Acorn Recyclers Limited
Agricycle Limited
AO Recycling
Aurora Manufacturing Ltd
Axion Polymers
B&J Parr (Reclaimers) Ltd
Beko PLC
Berry BPI
Berry Circular Polymers
Biffa Polymers
Bolton Brothers Ltd
C L Rye Trading Ltd
Centriforce Products Ltd
Chase Plastics Ltd
Clean Planet Energy
Clean Tech
Clearfield Envirotech
CNC Recycling
CPC Products Ltd
Dalecuts Limited
DCW Polymers Limited
Desch Plantpak
Duclo Recycling Limited
Easy-trim Roofing and
Construction Products Ltd
Ecodek
EF Plastics UK
Enva Plastics Limited
Euro Exim Limited
Eurocell
GAP Polymers Limited
Green Earth Limited
Impact Recycling
Indigo Environmental Limited
Innovate Recycle Limited
Jayplas
Kam Plastics Ltd
Longworth
MBA Polymers
Midwest Polychem Ltd
MV Recycling
My Group Ltd
Oxford Plastic Systems Ltd
Pasha Recycling Services
Philip Tyler Polymers Ltd
Plastic Energy
Polymer Extrusion Technologies
(UK) Ltd
PVC Pellets Ltd

QC Polymer Ltd
Rainbow Plastics Ltd
RECOUP
ReCover
Recycle For Future Ltd
ReNew ELP
Repro Plastics Ltd
Roydon Group PLC
Titan Resource Management
Tradebe Polymers
Van Werven
Vanden Recycling Limited
Veka Recycling Ltd
Veolia UK
Viridor Polymer Recycling Ltd
Wellman Recycling
Y S Reclamation Ltd

Rotational Moulding

493k
ACO Technologies PLC
Balmoral Tanks
Bioquell Uk Ltd
Container Components Europe Ltd
Corilla Plastics
CP Cases Ltd
Crompton Mouldings
DRAM srl
Enduramaxx
Etills Ltd
Europalite c/o Marwood group Ltd
Excelsior Roto Moulding Limited
Gordon Ellis & Co
JFC
JFC Civils UK
Jonesco (Preston) Ltd
JSC Rotational Ltd
Kingspan Environmental Ltd
Leafield Environmental Ltd
Mailbox-Stamford Products Ltd
Matrix Polymers
Numatic International Ltd
Oaklands Plastics Ltd
Palm Equipment International Ltd
Persico
Romold
Rotational Mouldings Ltd
Rotomotive
Rototek
Sorcerer Rotational
Storm Environmental
Techneat Engineering
Tecni-Form
TMP Solutions
Tuffa UK Ltd
Ultrapolymers Ltd
UniqueRoto
Wellman Recycling
Wydale Plastics Ltd

Service Providers

Helix Polymer Technology
Interplas Events
Jaguar Land Rover
Kaizen Institute
LG Energy Group
Listgrove
Logically UK
Multi Ventures
NSF
On-site Energy
PlastikCity
Polymer Training & Innovation
Centre
PS Partnerships & Consultancy
RJG Technologies
S&P Global
Sierra 57 Consult
Smithers
Solutions 4 Polymers
The Fuel Store
The S&A Transform Academy
Tiro Training Limited
TorFX
Trowers & Hamlin
TWI
UL Solutions
WTW
Yordas Group

Sheet & Coated Fabrics

Altro Ltd
Fenner PLC
Palram UK
Polyflor Ltd

University Network

Aston University
Birmingham City University
Brunel University London
Leeds Beckett University, The
Retail Institute
Loughborough University
Polymer IRC University of
Bradford
Queens University Belfast
Swansea University, ASTUTE
Centre of Excellence
University of Birmingham
University of Leicester
University of Sheffield
University of Cambridge
University of Hull
University of Manchester,

Department of Chemical
Engineering
University of Nottingham
University of Plymouth, School of
Engineering, Computing and
Mathematics
University of Portsmouth
Revolution Plastics Institute
University of Sheffield, AMRC
Advanced Manufacturing
Research Centre
University of York, Green
Chemistry Centre of
Excellence
WMG, University of Warwick
General All Purpose Plastics
Limited
Kestrel Building Products
Swish Building Products
Eurocell
Gurit (UK) Ltd
Llewellyn Ryland Ltd

VinylPlus UK

Aliaxis UK
Altro Ltd
Baerlocher UK Ltd
Dow Chemical Company Ltd
ExxonMobil
Polyflor Ltd
Polypipe Group
RENOLIT UK Limited
United Kingdom Resilient Flooring
Association (UKRFA)
Vinnolit Ltd
Wavin

Windows Group

Deceuninck Ltd
Dow Chemical Company Ltd
Duraflex Ltd
Epwin Group Plc
Eurocell
INOVYN ChlorVinyls Ltd
Linlar
Masterframe
Mitsui & Co Europe PLC
REHAU Ltd
RENOLIT UK Limited
Veka

BPF Affiliates



GAUGE AND TOOL MAKERS ASSOCIATION (GTMA)

www.gtma.co.uk

GTMA represents the individual expertise of our members and the collective engineering resource we represent in precision engineering within the Tool Making, Jigs and Fixtures, Additive

Manufacturing, Metrology and other critical manufacturing related products and services in the engineering supply chain. Our work with OEMs and Tier 1s is to provide a valuable resource for manufacturing companies within the Aerospace, Automotive, Rail, Marine, Medical and Energy markets.



INSULATING CONCRETE FORMWORK ASSOCIATION (ICFA)

www.icfa.org.uk

The ICFA was formed over 15 years ago under the umbrella of the British Plastics Federation and the Ready Mixed group of Companies by ICF manufacturers to develop a clear and concise direction and generic standards by which we all adhere. The ICFA has full Authority over the 10 Full members of the association who pledge to follow some simple rules and install wall systems to the best of their ability.



NORTHERN IRELAND POLYMERS ASSOCIATION (NIPA)

www.polymersni.com

NIPA is an organisation which represents and promotes the Polymer Sector in Northern Ireland, including converters, fabricators, recyclers, suppliers and HE/FE institutions. The association now also provides excellent networking facilitation, both locally and internationally, and influencing policies. NIPA also provides a full range of bespoke, Advanced Technical Training Programmes on materials, processing and applications for individual companies and assists with the development of company growth strategies as well as R&D and innovation programmes for NIPA members.



PLASTICS CONSULTANCY NETWORK (PCN)

www.pcn.org

The Plastics Consultancy Network is the leading international independent consultancy network for plastics products. Made up of a network of independent consultants covering all areas of the plastics industry – from raw materials through to mergers and acquisitions.



PLASTICEUROPE AISBL

www.plasticseurope.org

PlasticsEurope is one of the leading European trade associations with offices in Brussels, Frankfurt, London, Madrid, Milan and Paris. We are networking with European and national plastics associations and more than 100 member companies, producing over 90% of all polymers across the 28 EU Member States plus Norway, Switzerland and Turkey.



PMMDA

www.pmmda.org.uk

The PMMDA was formed in 1966, originally to agree a set standard for both UK manufacturers and distributors of foreign machinery. The PMMDA has worked on behalf of its members and their customers to establish a well-reputed catalogue of machinery manufacturers who offer the best sales, service support and spares available.



SCOTTISH PLASTICS AND RUBBER ASSOCIATION (SPRA)

www.spra.org.uk

The Scottish Plastics and Rubber Association supports and promotes Scotland's Polymer Industry. The SPRA brings together individuals, businesses and organisations from Scotland and beyond with a shared passion for advancing the innovation, sustainability and growth within the plastics and rubber sectors.

We offer a platform for knowledge exchange, collaboration and staying updated on the latest industry news as well as networking opportunities.



YACHT BROKERS, DESIGNERS AND SURVEYORS ASSOCIATION (YBDSA HOLDING LIMITED)

www.ybdsa.co.uk

YBDSA is the overall company for the Association of Brokers and Yacht Agents (ABYA) and The Yacht Designers and Surveyors Association (YDSA). Both are professional associations providing membership services including training opportunities through in-house expertise and external professionals within the marine field. Our members cover a broad range of boat types from small RIBs to superyachts – power and sail – inland, coastal and sea-going. We also offer services for Registration of vessels in the UK and other overseas registries and British (MCA) certification of under 24m vessels for commercial use.

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as of 31 December 2024

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Reagens

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CHAIR Dave Osborne
Swish Building Products



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Expanded Polystyrene Group

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CHAIR Mike Boswell
Plastribution



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Recycling Group

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as of 31 December 2024

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Broanmain Plastics



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CHAIR Richard Bladon
Richard Bladon & Associates Ltd



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CHAIR Chris Howick
INOVYN ChlorVinyl



Sustainability Committee

CHAIR Jamie Riley
Berry Global



Productivity Committee

CHAIR Nigel Flowers
(President)
Sumitomo (SHI) Demag



The Council of the British Plastics Federation

as of 31 December 2024

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Sumitomo (SHI) Demag
Plastics Machinery (UK) Ltd



Vice-President

Martin Hitchin

Chief Executive Officer
Windows Division, Rehau Ltd



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Steve Gormley

Managing Director
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Mark Seddon

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Simon Wilson

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(President)
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Managing Director
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Managing Director
Plastribution Ltd



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Stephen Hunt

Membership Services
Director



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Director / Federation
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as of 31 December 2024

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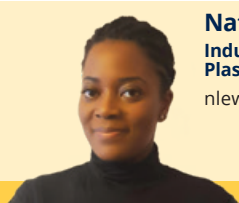
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