



BPFF | British
Plastics
Federation

ANNUAL REVIEW 2023

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President's Report

BPF PRESIDENT
Nigel Flowers

During 2023 we have had a very high inflationary environment not witnessed since the early 1980s. In addition, the UK has had more than its fair share of political chaos. Unsurprisingly, these pressures have translated into lower confidence within businesses, which has affected both investment and recruitment. Nevertheless, within this environment the British Plastics Federation (BPF) has thrived and ended the year with 570 members, the highest level of support it has ever received from the industry.

Against the background of increased international competition and in light of sharper attacks from competing industries, I have always believed that the BPF had a massive role to play in promoting the competitiveness of the UK plastics industry. I have been very pleased that during the year considerable progress was made in developing a suite of activities aimed at providing advice on improving productivity. We ran another successful event focused on productivity and have also been creating a broad piece of work

that involves developing a range of documents that will provide invaluable advice and guidance on improving productivity within our industry. Throughout 2023, seven guides were in development, covering automation, digitalisation, equipment, energy, materials, product design and tooling. Once these come to fruition, it is expected more will follow.

I would like to thank my collaborators in this venture, particularly Ian Ray of Jaguar Land Rover, who provided much of the original inspiration. At Interplas, I was pleased to front a panel discussion on productivity to raise awareness of our vital work in this space.

In addition, I have always been an advocate for the crucial importance of training and skills development, which is becoming increasingly important, given the widening applications of AI and the challenges of attracting new talent into the industry. If we are not careful, the UK could get left behind due to a mismatch between the skills requirements of contemporary technology and the available talent. I was delighted to chair the BPF's first Plastics and AI event, showing the pains the organisation is taking to keep

the UK industry on the pulse, and I hope similar events are held in the future.

A highlight of the year was the annual meeting of the BPF Council at the Bank of England, which took place on 12 July. I am grateful to the council members for articulating their business concerns to the bank in such a forthright manner. The bank was duly taken to task for some of its forecasts, largely due to inaccurate modelling of the economy. Nevertheless, the Bank's staff are truly impressive, and our sincere thanks go to its Greater London Agent Rob Elder and Greater London Deputy Agent Lai Wah Co. The Bank takes our input very seriously, as we represent an enormous swathe of British industry. Ultimately, these meetings help inform its quarterly inflation report.

To preside of the BPF's Annual Dinner was both a pleasure and an honour. Our guest speaker was Ed Balls, a former Labour cabinet minister who entertained us with humorous insights into British political life. The serious side of the dinner is to provide a show of strength from a united industry to all our guests, who include representatives from various government departments, customer organisations, and other key supporting institutions.

It was a great privilege to present the BPF's gold medal for services to the Federation to Dr Robin Kent — a well-known antipodean in British plastics — for all the tremendous work he has done to improve and educate us about energy efficiency within the industry. Robin is a great asset to the UK plastics industry. Even before the existence of CCAs, he was a pioneer in a lonely field. His award was richly deserved.

Finally, my thanks go to the BPF staff for steering the BPF ship through a tumultuous year, as well as to my colleagues on the BPF Council, for their lively advice and insightful interchanges.

BPF President Nigel Flowers speaking at the BPF's 90th Annual Dinner



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

Membership climbed to 570 members, the highest level ever reached by the BPF and a mark of its growing influence as well as its financial strength. This was also mirrored in the highest level of membership engagement, whether through attendance at meetings, webinars, seminars, the Annual Dinner or the Parliamentary Reception. It is a tribute to the relevance of our programme, our proactive search for members at industrial fora, as well as a mark of the general political and economic uncertainty which encourages firms to network with peers to share experiences. Quite unlike the increasingly disputatious political scene, we are seeing a positive trend in industry towards a greater willingness to share values, to co-operate and to undertake collective action. Our increase in membership numbers is a measure of that.

More than ever before the BPF is the custodian of the industry's reputation in the UK and beyond.

We have stepped up our engagement with politicians including meetings with Shadow Environment and Business Ministers. Our Parliamentary Reception on 21 November was a great success sponsored by Mark Pawsey MP and had Kevin Hollinrake MP, Parliamentary Under Secretary of the State at the Department for Business and Trade, as guest speaker. We had 27 MPs and Lords present, which is

an impressive number for an event of this kind. In addition, we held a Parliamentary Roundtable on Chemical Recycling in the House of Commons on June 14th which attracted seven Parliamentarians.

Our interaction with civil servants from the Department for Business and Trade was maintained at a high level and we were able to meet with the key Defra civil servants to communicate concerns on challenging developments in Brussels on PVC in the context of REACH.

Our membership of the Industry and Parliamentary Trust is paying dividends and we were able to arrange a visit made by Jackie Doyle-Price MP, an IPT Fellow, to Rutland Plastics to discuss Advanced Manufacturing.

We've also reached out to the general public via a campaign to demonstrate progress in recycling plastics through www.plasticrecyclingfacts.org in co-operation with the Environmental Services Association (ESA). Actions speak louder than words and Operation Clean Sweep also continues to secure traction with NGOs and widening its appeal to port authorities and transport organisations. Our Climate Change Agreement, managed by BPF Energy has been extended to 2033 and remains our flagship approach to energy efficiency.

The opportunities and issues presented by the major markets were seized by the BPF throughout the year, packaging, construction, transport, electrical and electronic, and

healthcare among them, you can read the impressive detail in the group reports on the following pages. Cross-cutting (or 'horizontal') topics which we have addressed include productivity; energy supply; skills

development; recruitment into the industry; sustainability, in particular recycling and decarbonisation; product safety including chemical safety and fire safety in manufacturing plants; PVC and EPS.

Considerable progress has been made in developing our key communications vehicles and platforms. In addition to representation at overseas trade fairs we now increasingly exhibit at UK fairs for end-use markets such as Southern Manufacturing. Our strong web presence assists the staging of an impressive programme of seminars and webinars, and our increasing use of social media has brought the number of our followers on LinkedIn to 15,000.

The global trading environment is particularly challenging as a consequence of war and growing resource nationalism. The EU is still our major trading partner and conformability to its legislation is of major importance to our members who are exporting. I am a board member of the European Plastics Converters Association and our excellent links with PlasticsEurope enables us to speak with one voice on key issues. The BPF is also active in the following international organisations:

CIPAD – Global Plastics Association – Philip Law

EuPC – European Plastic Convertors – Philip Law

EUMEPS – (EPS) David Emes

EPPA – (Windows) - Martin Althorpe

TEPPFA – (Pipes and Fittings)

Caroline Ayres

EUROMAP – (Machinery)

Stephen Hunt

It requires a considerable effort to conceive and stage such a vibrant programme for such a diverse industry and I owe an enormous debt of gratitude to my staff colleagues for their unrelenting efforts and for very frequently 'going that extra mile'.

My deep thanks are due to our excellent president, Nigel Flowers, who is unfailingly supportive, and to the BPF's Council for dispensing its collective wisdom in such a lively and good-humoured manner.



The BPF's Director General Philip Law (left) at the 2023 Parliamentary reception

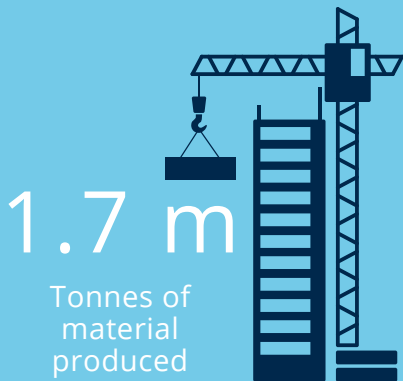
UK Plastics Industry



3.5 m Tonnes of plastics materials processed



5,700
Companies in the plastics industry



1.7 m
Tonnes of material produced



£28.7 bn*
Plastics industry turnover

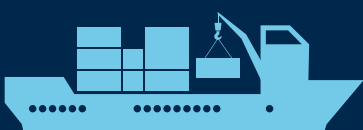


3rd largest employer
in UK manufacturing sector



150,000
People employed

£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

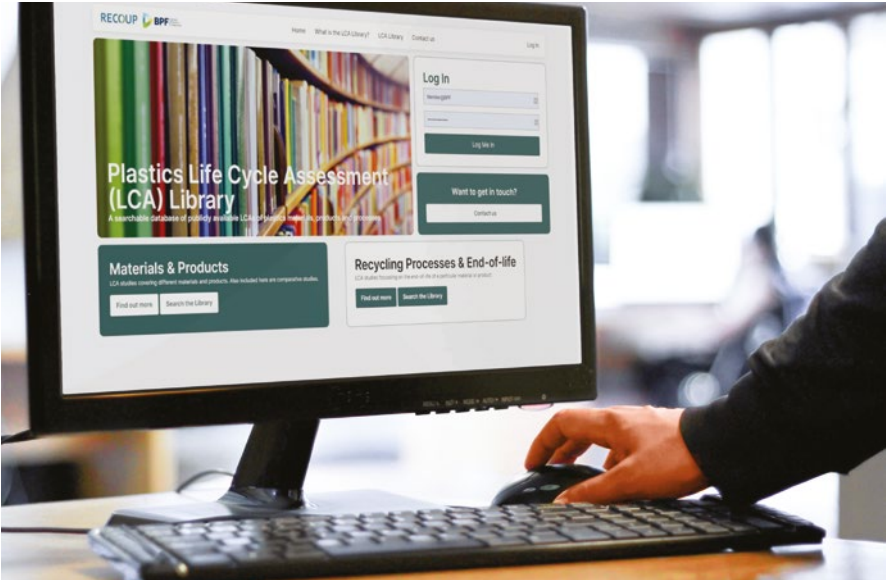
Over the course of 2023 the BPF attracted 49 new members, bringing our total membership to a record of 570 plastics companies. New members came from all sectors of the industry, showcasing significant growth within the federation.

University Outreach

Following on from requests made via the BPF Council, the BPF has actively worked to expand its membership base to include more UK Universities. Starting with just three universities in membership at the beginning of 2023, the BPF has seen significant growth, with sixteen universities now part of the Federation or in the process of joining. These universities will play a key role in upcoming BPF events and are scheduled to speak throughout 2024. Numerous articles have also been submitted by universities to appear on the BPF website/newsletter, showcasing their expertise in plastics through a forthcoming ‘capability guide’. This guide will be integrated into the BPF Member Directory starting in 2024.

New for 2023... Searchable LCA Library and Carbon Footprint Tool

In collaboration with Recoup the BPF launched an innovative searchable LCA (Life Cycle Analysis) database boasting nearly 700 peer-reviewed plastics-specific LCAs published within the last five years. The database is



searchable by product category and type of polymer. The database allows users to search by product category and polymer type, with continuous updates scheduled throughout 2024. It has already made a significant impact within our membership community.

Login at PlasticsLCALibrary.co.uk
If you are a member and need the password – go to:
www.bpf.co.uk/LCALibrary

During the year the BPF also launched a unique carbon footprint tool allowing members of the Federation to calculate their carbon footprint following GHG Protocol Guidance, including direct emissions from fuel, and processes.

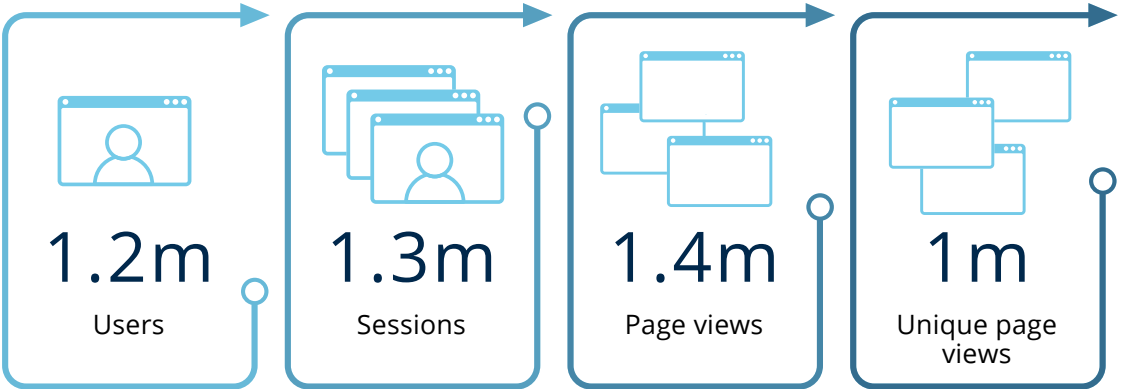
The tool is completely free of charge

and available exclusively to members of the BPF and BPF Energy.
carbonfootprint.bpf.co.uk

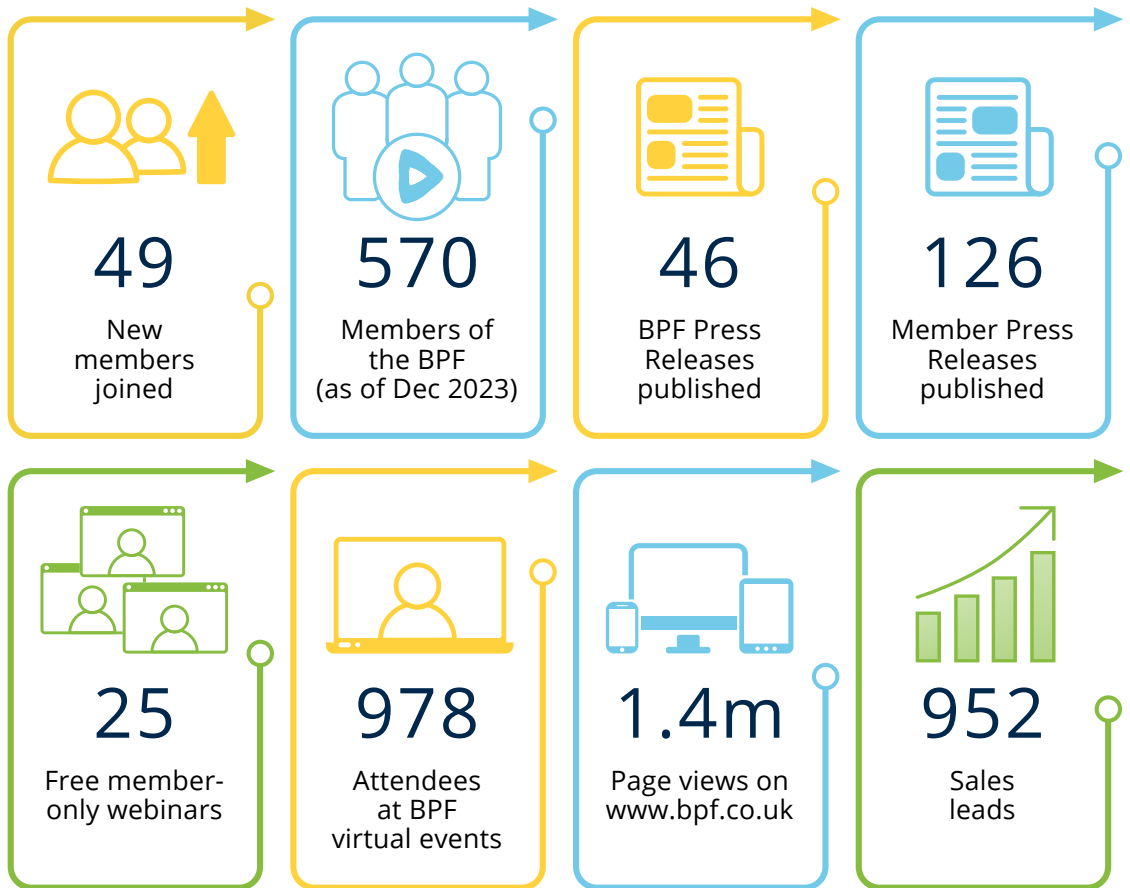
The BPF: What’s in it for me?

Over recent years, the BPF has experienced significant growth in both its membership and staff. This expansion has allowed us to enhance the range of products and services available to our valued members. Understanding the diverse nature of our membership, we launched the ‘What’s in it for me’ web portal in 2023, showcasing over 100 member services tailored to individual job roles. Explore these tailored services by searching for your job title at:
www.bpf.co.uk/about_the_bpf/whats-in-it-for-me

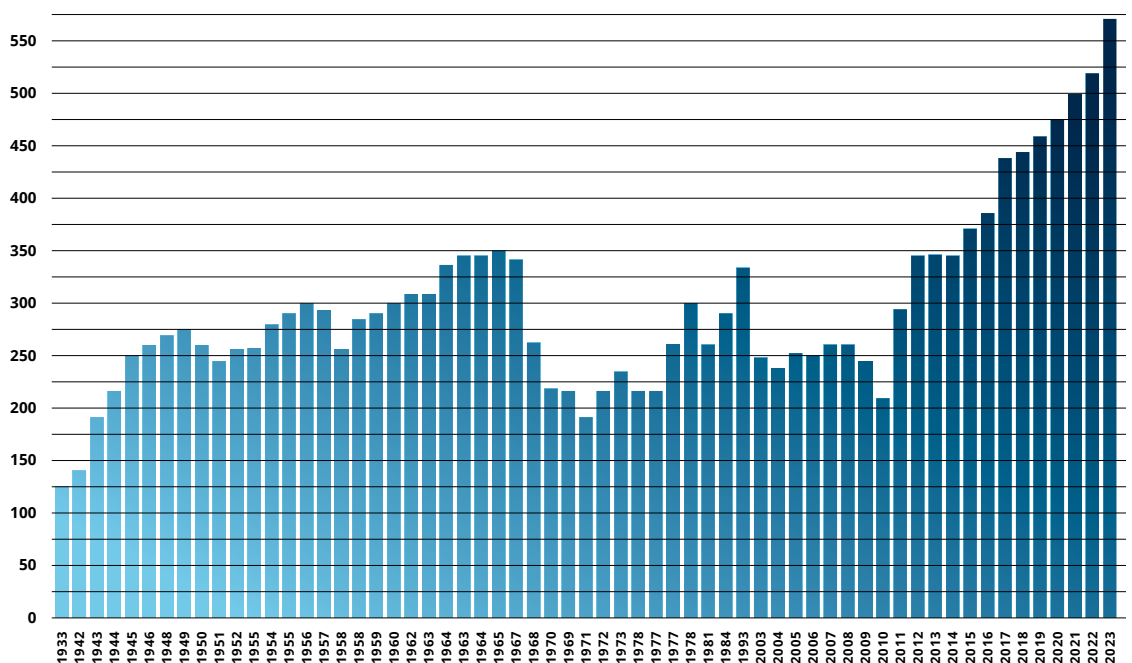
Website traffic



Year in numbers



BPF members 1933-2023



Finance and Administration

BPF FINANCE & ADMINISTRATION DIRECTOR
Darren Muir

The year of 2023 saw the BPF continue its steady progress and growth of recent years. The Federation also continued to give essential guidance and information to the membership, industry and indeed the government. As in previous years, investment in IT, staff and infrastructure was the driving force to improving growth and the general quality of offering. This was achieved with a focus on the facilities available in the building and our medium of communications to members and other stakeholders. The Post COVID landscape of London's commercial office rental market left many landlords with high vacancy rates as the new 'norm' of flexible working resulted in a reduced demand for office space. With this in mind, the directors, backed by our Strategic Finance Committee, took the decision that investment in our vacant office spaces was the way to buck the trend and therefore a refurbishment and upgrade of our vacant units was undertaken. I am pleased to say that this paid off as towards the end of the year, long term tenancy contracts were drawn up for the vacant floors and we now have full occupancy of the whole building for at least the next five years. Communication with our membership and further analysis and understanding of our interactions was also seen as an area for improvement and development and further investment in our CRM system continued to fulfil this aim. We are proud to say that the CRM systems have largely been developed by our excellent in-house marketing and communications teams.

I would like to also congratulate our events team for organising the highly successful ARMO conference in Poznań Poland and indeed my finance team in dealing with the complexities of a foreign trade show.

And so to the numbers....
The BPF's financial results were reassuringly very much as budgeted with the general increase in membership income used to facilitate the aforementioned investment programme.

Total income for 2023, £3,223,339 (2022: £3,103,267), increased largely to the increase in membership, indeed highly encouraging and testament to our performance, direction and value to the membership.

Administrative expenses at £3,203,802 (2022: £3,054,231) increased both as a result in general inflation as well as the investments made to the building and IT infrastructure.

Our commitment to investment in the recruitment and retention of high-quality staff was seen as key to the aims of the organisation with a focus on culture development and a vibrant, productive and happy workforce. All in all, the maintenance and continuous improvement of strong and responsive financial systems and controls enabled a stable financial performance.

The financial outcome in this year reflects another positive result for the Federation, generating a surplus after tax of £26,492 (2022: £21,484) and a further strengthening of the organisation's balance sheet (statement of financial position) and reserves.

Financial Highlights

In summary, a good year for the Federation with increased overall revenues facilitating investment in both our core activities as well as infrastructure necessary to ensure we

are well positioned for the future to continue to deliver additional value to the membership.

Financial Security through Effective Management Systems

The BPF continued to ensure that the organisation remains financially secure in all areas through regular management reporting, monitoring of key financial metrics, robust budgetary systems (setting, monitoring and control actions).

BPF House

I am delighted to report that the Board of Directors with the full backing of our Strategic Finance Committee, took the decision to fully repay our mortgage on BPF House. We now have full ownership of this prestigious London building giving further security and income for future years to come.

Toward the end of the year and as part of our building investment, we added a further 'state of the art' meeting room without loss of working office space.

As expected, our excellent catering team maintained their 5-star hygiene rating from Hackney council.

I once again remind our members that these excellent meeting room and catering facilities will be available at a discounted rate reduction of 25%. Still the best value in London and we look forward to welcoming you in the near future!

Finally

I would like to offer my gratitude to our Honorary Treasurer Mike Boswell for his backing, insight and advice and also to my talented and extremely dedicated Finance and Administration team for their support in making this such a successful year.

Financial highlights



2024 Seminars

Sustainability and Plastics Seminar

IN-PERSON

15 May 2024



Incorporating Recycled Content in Plastics Packaging Seminar

ONLINE

21 May 2024



REACH and the Plastics Industry Seminar

ONLINE

18 June 2024



Plastics and Reuse

ONLINE

4 July 2024



Global Research and Innovation in Plastics Sustainability (GRIPS)

IN-PERSON

19 September 2024



Chemical Recycling Seminar

ONLINE

17 October 2024



Thermoplastic Composites

IN-PERSON

7 November 2024



Plastics and AI

ONLINE

14 November 2024



Packaging Seminar

IN-PERSON

20 November 2024



Recycling Seminar

IN-PERSON

27 November 2024



Automotive Seminar

IN-PERSON

3 December 2024



PVC Seminar

ONLINE

11 December 2024



To stay up-to-date
with BPF seminar
releases, please visit
www.bpfevents.co.uk



Public & Industrial Affairs

PUBLIC & INDUSTRIAL AFFAIRS MANAGER
Mohamed Elkhalfifa

Geopolitical tensions have been the biggest challenge in 2023 for businesses. Having just started recovery post pandemic, the added pressures arising from the war in the Ukraine and Palestine have led to serious uncertainty. Inflation was rising for the majority of the year and energy prices continued to be volatile. The accumulation of all these difficulties meant that businesses had to be resilient and the BPF continued to support where possible and voice the concerns of industry to government.

As we continued to face political ambiguity, the constant changes and reshuffles have made it harder than ever to focus on policy issues. Whilst mass balance and chemical recycling was a key focus for the industry, topics included, the Advanced Manufacturing Plan, Plastics packaging tax (PPT) and labour shortages to name a few.

With the creation of new departments, the BPF focused on ensuring that each team was consulted on relevant topics. Meeting with the Department for Business and Trade (DBT) on a weekly basis, the Department for Environmental Food and Rural Affairs (DEFRA) and her Majesty's Revenue and Customs (HMRC) were the three main departments the team engaged with. Highlighting the need to reinvest the funds raised from the PPT back into recycling infrastructure was a key ask for HMRC and HMT. Meetings with DBT on regulatory alignment with the EU to reduce any unnecessary competitiveness and understanding the issues with security



Mo Elkhalfifa (middle) at the BPF's 2023 Parliamentary Reception along with Russell Livesey of Colloids and Chris Wright of Astropol.



Stuart Johnston welcome the Rt Hon Dame Jackie Doyle-Price MP and BPF's Graeme Craig to Rutland Plastics. Dame Jackie Doyle-Price reached out to the BPF to find out more about additive Manufacturing.

KEY ACHIEVEMENTS

Most successful parliamentary reception to date

Increased engagement with government officials

The voice for chemical recycling in the UK

of supply led to more meaningful discussions. Whilst discussions with DEFRA focused on the collection and packaging reforms along with chemical regulations related to plastics. PVC was again in the headlines with the EU investigation coming to an end and the Pb issue also being finalised in the EU.

Within the BPFs Business Conditions Survey, the trend with recruitment was still worrying. Being a part of the National Manufacturing Skills Taskforce, the BPF was able to voice its concerns and its ongoing efforts to help plugging that gap with the Department for Education (DfE). The importance of further reviewing the apprenticeship levy cannot be understated. The need to allocate funds more freely is a key concern and access to unspent funds must be addressed.



BPF Director General with Labour Shadow Minister Bill Esterson.

Media Engagement

HEAD OF MEDIA & PR Rob Mills

In 2023 the BPF received significant coverage in a wide range of media and continued to ensure that the messages of the plastics industry are widely publicised. The BPF responded to dozens of media enquiries on a wide range of issues, ranging from the plastics packaging tax to the banning of particular single use items.

During the year, the BPF published 38 press release and statements, covering everything from a multi-stakeholder letter calling for more support for chemical recycling, to the BPF's Parliamentary Reception (which

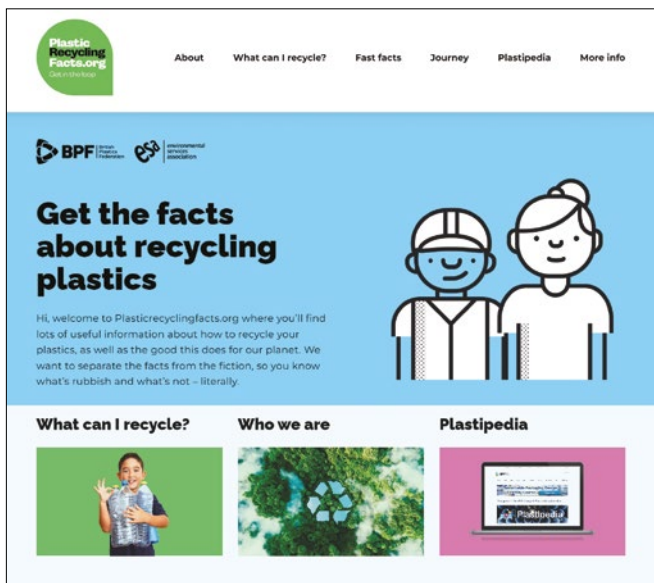
was attended by 26 MPs and peers). The BPF was mentioned over 1,000 times in online and print media, as our established position as the spokesperson for the UK industry continues to pay off.

In June 2023, Engineering and Technology magazine published a cover story that was highly critical of PVC. The BPF's letter to the editor, highlighting many inaccuracies in the article, was published online as well as in the subsequent hard copy of the magazine. A letter BPF Director General Philip Law co-signed in response to the UK government watering down its net zero strategy was published by the Financial Times. We responded to several enquiries

from the BBC and ITV too.

During the year we developed a PR campaign in conjunction with the Environmental Services Association (ESA), designed to inform the public about plastic recycling. It involved qualitative and quantitative audience research, developing a website, lots of social media assets, and taking 'influencers' around a recycling facility. We aim to develop this campaign further in 2024.

The BPF also conducted a review of our media monitoring and distribution, resulting in moving to a new company to provide better value for our members without compromising the valuable information we receive and monitor daily.

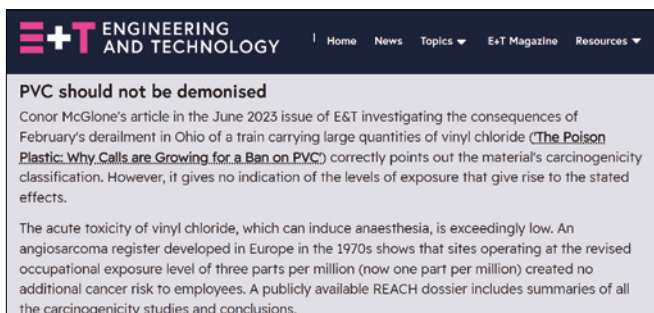


ABOVE The BPF co-ran a PR campaign designed to educate the public about recycling plastic

BELOW An extract of the BPF's letter to E&T magazine

RIGHT, ABOVE In 2023 the BPF published 38 press releases and statements

RIGHT, BELOW A letter BPF Director co-signed with other industry leaders was published by the Financial Times



News

If you are a BPF member and would like to see your story appear here, submit it here.



Plastics key to security of UK, parliamentarians told
British Plastics Federation (BPF) Director General Philip Law conveyed a strong message to government at the trade association's annual parliamentary reception, delivered in conjunction with Plastics Europe.
Wednesday, 29 November 2023



BPF 2023 Parliamentary Reception
We held our Parliamentary Reception on Thursday at the House Of Commons, where Mark Pawsey and Kevin Hollinrake both gave inspiring speeches to the 100+ members in attendance.
Wednesday, 22 November 2023

Letter: Reminder why UK needs an industrial strategy

SEPTEMBER 26 2023



The announcement that the UK government will be watering down some of its net zero policies is a huge setback for manufacturers, who have put transition to net zero at the forefront of their business priorities ([Report](#), September 21).

Manufacturers require stability and confidence in order to invest. Many companies will have spent time and money planning based on firm targets, and we now run the risk of falling behind our international counterparts as a home for green technologies if we persist in frequently altering policies that impact businesses directly. Among others, SME businesses in the automotive supply chain will be hit particularly hard.

This is a timely reminder that the UK needs a long-term industrial strategy. Such a strategy must survive short-term political cycles and instability through a mechanism such as a Royal Commission.

This announcement sends entirely the wrong signal and suggests if we aren't looking forward, we are simply going backwards.

Stephen Phipson
CEO, Make UK

Philip Law
Director General, British Plastics Federation

Website & Social Media

BPF EXECUTIVES

Rebecca Shortland & Tahira Mclean

Throughout 2023, the BPF leveraged its digital presence to amplify its message and showcase the industry's immense value. By disseminating essential press releases, informative documents, and industry updates, the BPF captured widespread interest and engagement from the public. The BPF website saw a remarkable 1.4 million page views, solidifying its position as the largest advertising space for the plastics industry.

Additionally, the BPF unveiled its latest short course, 'A Guide to Incorporating Recycled Plastic into Packaging,' on their online training platform, PolymerCourses.com. With over 2000 active learners, this cutting-edge course combines over 60 years of packaging expertise. It equips learners with the necessary frameworks, insights, and technical knowledge to navigate the complexities of utilising recycled materials in packaging. The BPF remains dedicated to updating PolymerCourses with pertinent training on plastics and sustainability, aiding industry professionals in upskilling their teams for the future ahead.

As an extra educational tool, the BPF has innovatively crafted and launched their plastic-themed Top Trump card game 'Polymer Trumps,' which made its debut at the 2023 Annual Dinner. These cards offer an insightful look into the various types of plastics, their applications, and the advantages and limitations they possess. Stay tuned as they will soon be available on the BPF website as a valuable free resource for those keen on expanding their knowledge of plastics.

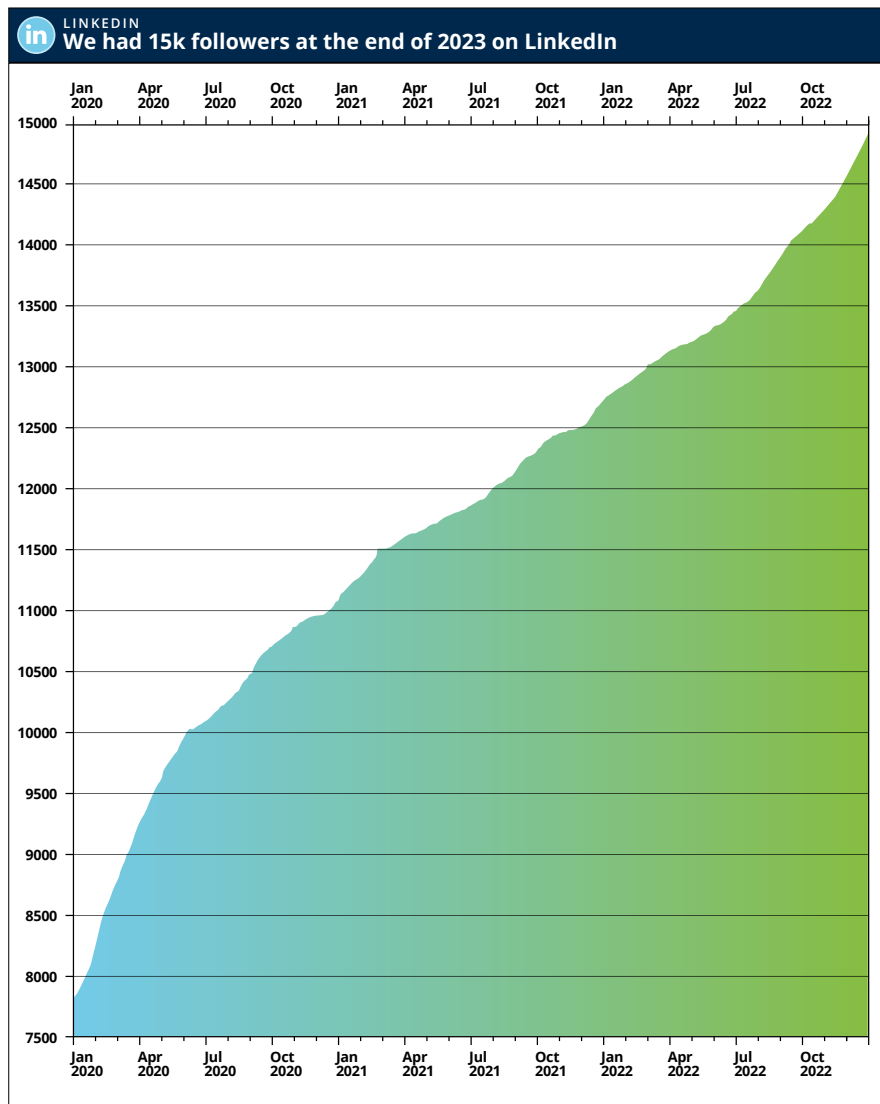


The BPF's newest online short course launched on e-learning platform PolymerCourses.com



Simply scan this code to view our latest online plastics courses:





The BPF's social media platforms were of the utmost importance again this year, as we consistently shared updates on multiple platforms promoting the positive side of plastics, industry facts, industry news and members stories.

There were multiple articles published by the BPF including topics on recycling toys, top innovations in the industry, and international women's day, as well as a range of content highlighting the indisputable benefits of plastics, polls, legislative updates, and advice around recycling plastics. All of this work enabled us to increase brand awareness, manage the

BPF's reputation, and continue building a positive community of plastics industry professionals.

Our LinkedIn account especially experienced significant growth in 2023, with a substantial increase in followers and engagement. The strategic use of industry-relevant content, timely updates, and effective communication contributed to fostering a vibrant online community and showcased the organisation as a thought leader within the plastics sector. Overall, we hope the BPF's LinkedIn presence in 2023 demonstrated a successful blend of informative content and community engagement, reinforcing its position as

a key player in the industry.

The year ended with a well-received social media campaign: Member December. In which, we shared multiple member stories every week – from work anniversaries, new product launches, insightful articles, and much more. We encourage members to always send any stories you'd like promoted to your relevant executive.



Simply scan this code to follow our LinkedIn updates:



Events 2023

EVENTS TEAM

Paul Baxter & Monika Alie

Incorporating Recycled Content in Plastics Packaging Seminar

28 MARCH 2023 **ONLINE** The third edition of the online incorporating recycled content seminar covered legislative updates, technological innovations, and updates in the supply chain.

Sustainability and Plastics Seminar

6 JUNE 2023 **IN-PERSON** This popular event featured speakers from Tangram Technology, Plastics Europe and Epoch BioDesign among others, exploring topics including the latest advancements in plastic recycling technologies.

Improving Health & Safety in the Plastics Industry Seminar

13 JUNE 2023 **ONLINE (FREE)** Featuring speakers from industry and the legal sector, this important seminar explored COSHH, Riddor, Mental Health and the latest update from the HSE.

Productivity in the Plastics Industry Seminar

14 JUNE 2023 **IN-PERSON** This conference held at the MTC in Coventry showcased robotics, automation, 3D printing, and precision machining innovations.

Chemical Recycling Seminar

19 OCTOBER 2023 **ONLINE** This online seminar attracted over 100 attendees. Featuring speakers from Wrap, Clean Planet Energy and ExxonMobil amongst others, this event explored topics including certification, investment, and legislative changes.

Recycling Seminar

7 NOVEMBER 2023 **IN-PERSON** This conference explored collaboration in the value chain, assessed plastics recycling, investment, and examined the UK recycling sector growth.



ARMO 2023 conference

BPF Plastics and AI Online Seminar

16 NOVEMBER 2023 **ONLINE** This event explored AI's impact on the plastics industry, covering regulations, AI tech in manufacturing, and uses in the waste sector.

Plastics and Packaging Seminar

22 NOVEMBER 2023 **IN-PERSON** The seminar discussed recent legislations, EPR advancements, and innovative plastics packaging with speakers from Bericap UK, ThePackHub, and Sheffield Hallam University.

Thermoplastic Composites Seminar

30 NOVEMBER 2023 **IN-PERSON** In collaboration with Composites UK,

this event looked at Sustainable Solutions for Greener Energy including automating composite production and recyclable wind turbine blades.

Plastics in Automotive Seminar

6 DECEMBER 2023 **IN-PERSON** The BPF Automotive seminar brought together plastics manufacturers from across the UK. Featuring speakers from JLR, Nissan, Matrix Polymers, SMMT amongst others.

VinylPlus UK Seminar

13 DECEMBER 2023 **ONLINE** This UK event delved into PVC market trends, sustainable additives, and environmental product declarations.



2023 Sustainability Seminar

BPF Annual Dinner



On Thursday 12th October 2023 the BPF hosted its 90th Annual Dinner at the Royal Lancaster London Hotel near Lancaster Gate in London.

The dinner was sponsored by Platinum sponsors LG Energy, with Gold Sponsorship from Interplas/ Rapid News, Krauss Maffei and Engel. Silver sponsors for the event were Plastrubution, Aplas, S and P Global Commodity Insights and the K Show. Bronze sponsors for the event were Sierra 57, Listgrove, Trowers and Hamlin and Bole Manufacturing. The sponsors of the energy award were BPF Energy, and our pre-event drinks sponsors was Arburg. The BPF are also proud supporters of Women in Plastics.

The dinner brought together over 500 industry



2023 Energy Award Winners

representatives. In his after-dinner speech, BPF President Nigel Flowers spoke of the BPF's work with events, trade shows and our parliamentary reception.

Nigel also announced the winners of the BPF energy award James Walker Group. The winner of the BPF Special Commendation

Award was Polypipe Civils together with Green Urbanisation. Finally, Nigel Flowers announced the winner of the BPF Gold Medal which this year went to Dr Robin Kent.

After the President's speech the audience listened to after dinner speaker former minister Ed Balls.



Guest Speaker Ed Balls at the BPF 90th Dinner

The next BPF Annual Dinner will take place on 10 October 2024

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

ARMO 2023

On 10 -12 September 2023 the British Plastics Federation, alongside our event partners Rotopol hosted the international rotational moulding conference 'ARMO 2023' at the Poznan Congress Centre in Poznan, Poland.

This event, which is the largest global rotational moulding event, attracted over 600 attendees from all corners of the world for three days of presentations and networking. The event featured presentations from 34 expert rotational moulders and included an exhibition area with 64 exhibiting companies.

The event was kindly sponsored by gold sponsors LyondellBasell and Matrix Polymers. Silver sponsors for the event were Corcoran Group official distributors of Total, Dram, Ingenia Polymers, Kingspan Water and Energy, Maus, Modelmakerij Hengelo, Ores,



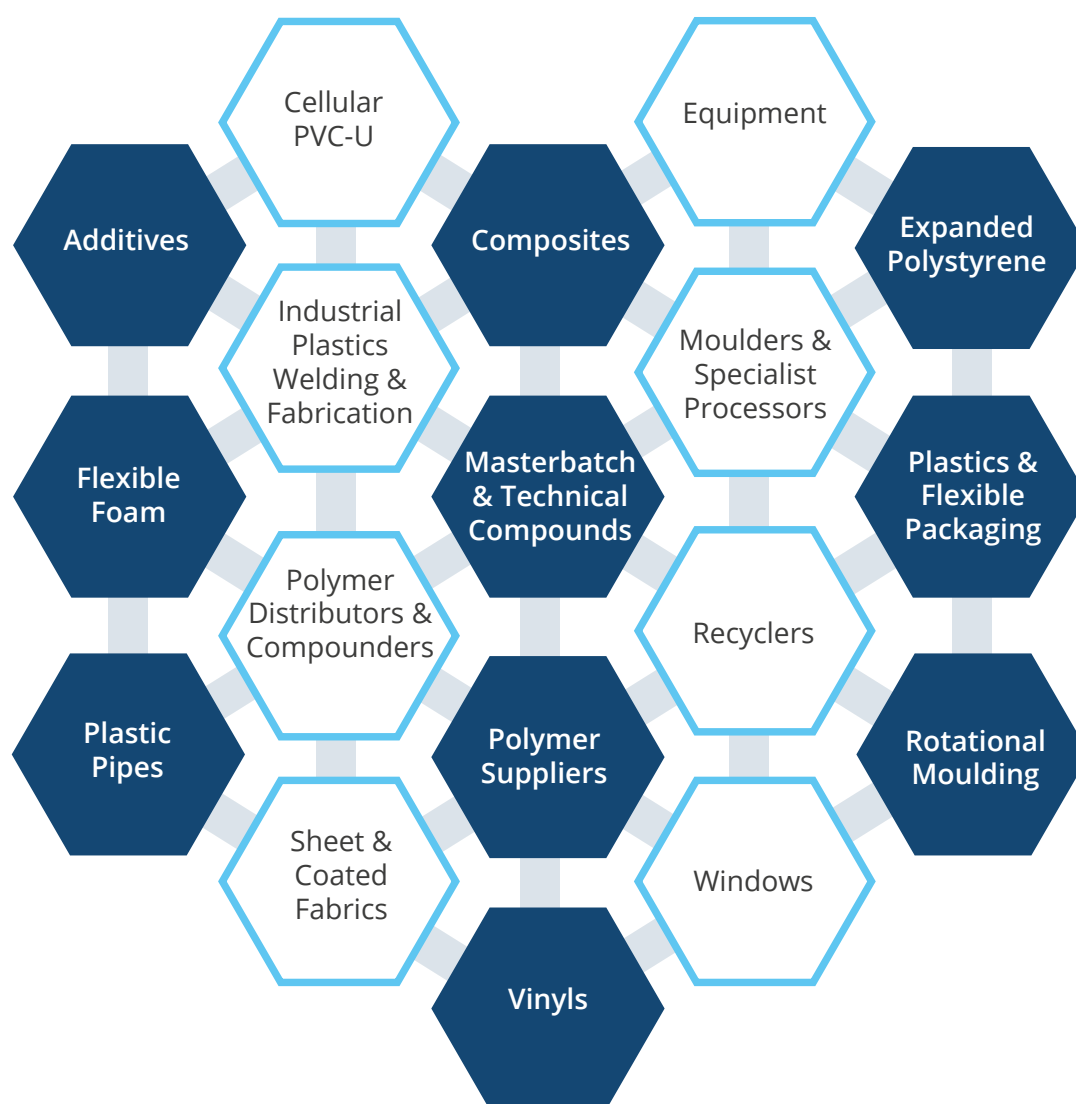
Persico, Rotovia and PolymerLink. The bronze sponsors for the conference were Alloyplast, Boca Italy, Gerbaldo Polimeri, M Plast, NA Roto, Polioplast, Polivinil, Resinex, Rotospace, Sat Thermique and Ultra Polymers.

Other features of the event included a pre-event conference from Nick Henwood and Gareth McDowell, a spouse tour, and a Gala dinner at a venue within the congress centre grounds featuring traditional Polish dancers and other entertainment.

After an enforced break of 5 years due to the covid pandemic ARMO 2023 proved a unique opportunity to gather the rotomoulding community together for a European conference.



BPF Groups



Central Expert Committees



BPF Groups

PLASTICS & FLEXIBLE PACKAGING GROUP

BPF EXECUTIVE
Natalia Lewis-Maselino

The Plastics and Flexible Packaging Group attended industry working group meetings, workshops, and forums to contribute to the Government's plans for packaging waste reforms in Extended Producer Responsibility (EPR) and Deposit Return Schemes (DRS). The BPF responded to draft legislation concerning late payment penalties for the Plastic Packaging Tax, the consultation on mass balance for chemical recycling, the consultation on Producer Responsibility Obligations (Packaging and Packaging Waste) Regulations [2024] and the FSA Consultation on the post implementation review of The Materials and Articles in Contact with Food (England) Regulations 2012. Through close engagement with HMRC, HM Treasury and the Industry Working Group, the BPF's advocacy efforts reinforced issues with the risk of

fraud and lack of enforcement of Plastic Packaging Tax regulations, especially on imported goods. Advocacy efforts also contributed to the Government's decision to no longer require statements on invoices for the Plastic Packaging Tax and to exempt some reusable plastic crates from tax in specific circumstances.

The Group launched the Guide to Incorporating Recycled Plastic into Packaging eLearning course which teaches learners on how to create

KEY ACHIEVEMENTS

Launched eLearning Course A Guide to Incorporating Recycled Plastic in Packaging

Hosted a successful Packaging Seminar

Represented members on key environmental legislation in the UK and EU



plastic packaging with recycled content. In addition, the group hosted a Packaging Seminar at BPF House which gave attendees an overview of the latest in Legislation and looked at case studies on innovations in plastic packaging.

Whilst issues with UK legislation continued, regulatory divergence within the EU have also continued to be a key point of focus with reforms on recycled plastic in food contact materials and the Packaging & Packaging Waste Regulation (PPWR).

The group welcomed 2 new members in 2023 and will continue to represent the sector ensuring it promotes the benefits of plastic packaging.

PIPES GROUP

PRESIDENT

Steve Richmond
REHAU

DIRECTOR

Caroline Ayres

STANDARDS AND TECHNICAL MANAGER

Julia Trew

The Pipes Group strives to promote best practice in the use of all types of plastic piping systems. Its website contains many free-to-access technical guides and practical guidance.

The Pipes Group regularly reviews and updates its publications to reflect the latest standards and regulations; six updated in 2023. All publications are free to download from our website and are a great resource for anyone in the industry working in areas such as design, specification, manufacture, installation, maintenance or sales.

This year we have published two new technical guidance documents - 'Structural design of buried thermoplastic piping systems' to support pipeline designers when undertaking the structural design of thermoplastic buried pipe systems and 'Specifying flanged joints for polyethylene pressure piping systems' providing guidance to support specifiers of flanged joints.

Our Future Industry Group goes from strength to strength. It provides a forum for members new to the industry to meet, learn, discuss and influence the future work of the Pipes Group. Sessions were delivered on Standards, Sustainability and Marketing.

The Pipes Group supports its members to successfully contribute to standardisation work in the UK and abroad. This activity runs across all areas of Pipes Group business - civils, utilities, and building services. In addition to seeking direct input

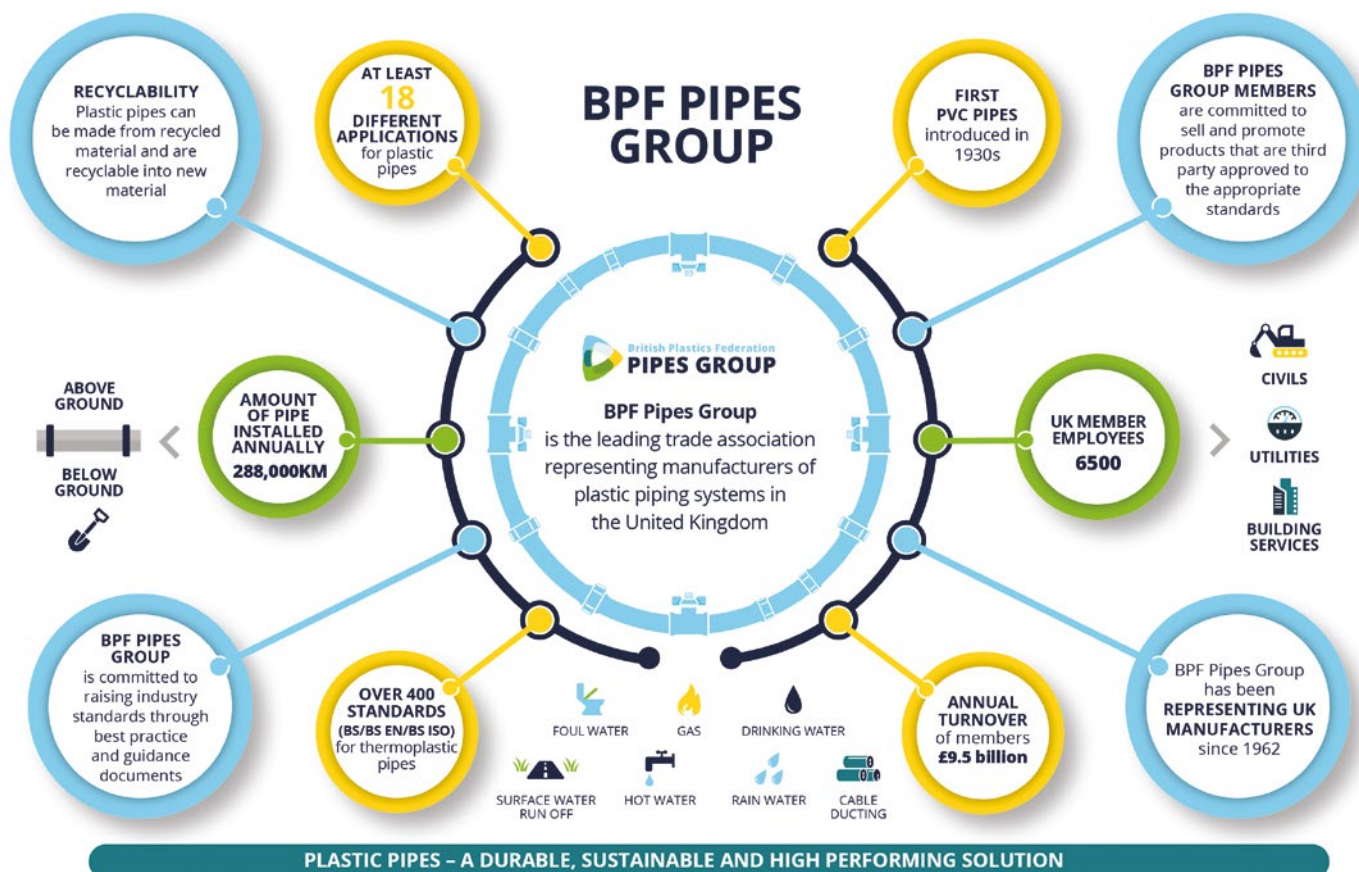
KEY ACHIEVEMENTS

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.

to develop standards needed to underpin business, we build links with other organisations to promote the correct use of standards and best practice. Through our Technical Groups, we have worked with external organisations such as BESA, CIPHE, FWA, Water Regs UK.



BPF Groups

RECYCLING GROUP

CHAIR
Roger Baynam
Philip Tyler Polymers Ltd

BPF EXECUTIVE
Omar Davidson

The BPF Recycling Group still remains extremely active, making significant contributions to the ongoing development of UK and EU legislation. Three working groups (WG) were established to achieve this:

1 Food Contact WG who hosted a roundtable with the FSA, FSA Wales and FSS where the BPF RG and RECOUP presented their joint position statement on the issues with the current food contact regulations.

3 WEEE Automotive & Construction WG who in their first meeting provided updates on all three sectors and REACH.

The main recycling group had its usual four meetings throughout the year with a range of guest speakers such as LG Energy, S&P Global and Argus Media. Plastic Recyclers Europe's (PRE) presented at all four meetings.

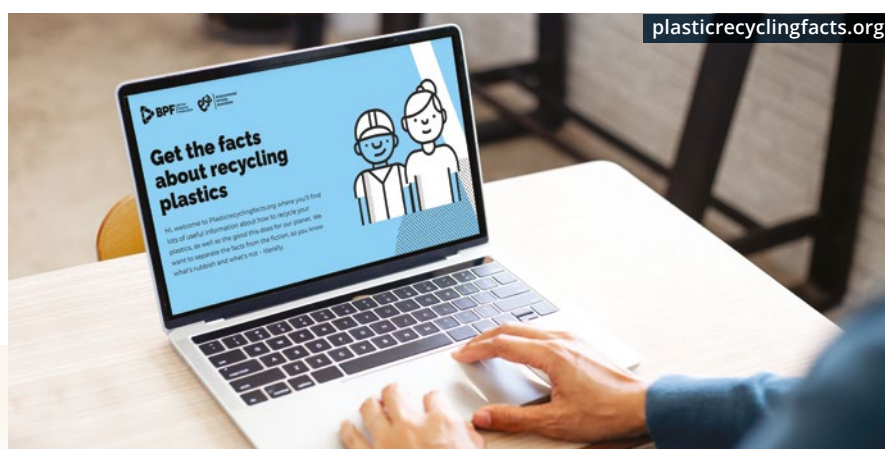
KEY ACHIEVEMENTS

Running of three new working groups

Industry roundtable with the FSA, FSA Wales and FSS

Launching PlasticRecyclingFacts.org

plasticrecyclingfacts.org



2 Chemical and non-Mechanical Technologies WG who led the industry response to HMRC's consultation on the PPT.

This aided the group in contributing to the development of European legislation. At the beginning of the year the group ran a workshop with Defra

to prepare ahead of the expected consultation on the banning of plastic waste being exported to non-OCED countries.

The annual recycling seminar was another great success, with 42 delegates attending and included Dozie Chukudebelu (Deputy Director – Resource & Waste at Defra) as the keynote speaker presenting on "Harnessing Innovation in the Resources and Waste Sector". The fourth annual chemical recycling webinar also took place online with a total of 138 attendees. In addition, the group was represented at the Resource and Waste Management show and RECOUP Conference.

Finally, the group partnered with the Environmental Services Association (ESA) and launched a digital campaign called Plastic Recycling Facts.org. The campaign is an online information hub, supported by social media channels, recycling fast facts, RECOUP's "recycling journey" videos and two recycling locator tools. This will help the BPF and ESA to understand what type of recycling messaging best resonates with households.

CHEMICAL RECYCLING

Chemical recycling and the acceptance of a mass balance approach has been a key focus for 2023. This has built on the work done in 2022 to raise the profile of mass balance and its importance to the plastics industry.

The initial focus of 2023 was to engage with ministers and government officials on the urgent need for a consultation on mass balance. Through this, the BPF recognised that there was significant interest in chemical recycling however, there was limited information available to learn about

this emerging technology and the calculation method, mass balance, needed to bring it to fruition. This birthed the Chemical Recycling Information Hub which was launched to be a central point of knowledge about this new technology. This has been viewed over 1,500 times within the first 6 months since it was launched in June.

Following the government announcement in late April a consultation on mass balance would

take place, the BPF began drafting a stakeholder letter to ministers urging the need for the consultation to be released imminently. This was signed by 12 stakeholders across the value chain.

In June the BPF held a Chemical Recycling Breakfast in parliament which 7 MPs attended.

This led to parliamentary questions being submitted asking when the consultation would be released.

Following the release of the consultation in July, the BPF consulted extensively with its members, via three mass balance taskforce meetings over the summer. These helped to shape the response which was submitted in October. The BPF also engaged with stakeholders across the supply chain and held two stakeholder meetings to help align stakeholder's responses.

We await the consultation response in 2024 and the BPF continues to pursue one as soon as possible.



Chemical Recycling Briefing paper

Chemical Recycling Hub



Helen Jordan speaking about chemical recycling at the #InnovationZero conference

BPF Groups

VINYLPLUS UK GROUP

CHAIR
Andy Story
INOVYN ChlorVinyl

BPF EXECUTIVE
Nicki Hunt Davison

The British Plastics Federation (BPF) is the only official UK partner of the VinylPlus development plan. The BPF represents the UK VinylPlus members of the PVC industry to Government, customers and media and the members include PVC producers, converters, additives suppliers and recyclers.

The VinylPlus UK Group has met regularly throughout the year. The key areas of focus this year included PVC within both UK and EU REACH, the outcomes of the ECHA investigation report and the waste shipment directive progress. Chris Howick (the BPFs Product Safety Committee chair) supplied regular updates on regulatory issues ensuring that members were thoroughly briefed across the regulatory landscape. Additionally, the latest updates on the activities of VinylPlus® in Europe and their representation at INC3 alongside the



PVC network meeting with VinylPlus Partners

work towards the 2030 commitment a particular focus on sustainable consumption and production, climate change and partnerships continue. The PVC network meetings comprising members across Europe provided the Group with the opportunity to contribute to the advocacy work of VinylPlus® while continuing representation in the UK within relevant government departments.

The VinylPlus UK Conference took place at the beginning of December as

an online event and was attended by multiple sectors, including the flooring, windows, and automotive industries and academia. The format enabled the Group to engage globally with those involved in the PVC industry. The 2023 event included speakers from the Building Research Establishment, VinylPlus® Europe and a panel discussion 'What's next for the PVC industry, future direction. Plans are already underway for the next event to take place in December 2024.

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 2023, with a key focus on UK and EU REACH, plastic packaging tax and extended producer responsibility. The group have been establishing a new eligibility criterion, enabling the expansion of companies who can join the group whilst maintaining the group's reputation.



KEY ACHIEVEMENTS

Broadened the scope of the group, enabling new key players of the industry to join, by establishing group specific eligibility criteria

Group reinstate gold sponsorship for Polymer Study Tours

Continued engagement and increased activity within the group

This is reflected in the group's new name. Interplas was also a success for members, many of whom helped celebrate the BPF's 90th anniversary at the show. There have been four new members welcomed to the group, with membership likely to continue to grow in 2024.

MASTERBATCH AND TECHNICAL COMPOUNDS GROUP

CHAIR
Russell Livesey
Colloids

BPF EXECUTIVE
Mary Aiken-Wood

KEY ACHIEVEMENTS

Increased engagement within the committee and site visits

Input into the consultation on Extended Producer Responsibility

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 carbon black and EPR regulations, which was used to write the consultation response on Extended Producer Responsibility. Topics of key concern to the group were reviewed and included skills shortages, UN

Global treaty and energy prices and supply. The group were happy to see examples of where the BPF have challenged misinformed press releases and hope to see the BPF further demonstrating the positives of plastics in the media in 2024.

ADDITIVES SUPPLIERS GROUP

CHAIR
Steve Harrison
Reagans Ltd

BPF EXECUTIVE
Mary Aiken-Wood

KEY ACHIEVEMENTS

Largest in-person attendance at the first group meeting of the year

Continued advocacy on chemical regulations

Engagement with various organisations and companies and site visits

UK REACH continued to be an important topic for the Additives Suppliers Group, alongside other regulatory updates. There has been renewed academic interest in plastic additives, which is anticipated to

continue to gain momentum in 2024. Members have shared their thoughts and knowledge with the BPF, who have been monitoring panel discussions and calls for evidence. Whilst group meetings have focused on regulations and legislation, several members of the Additives Suppliers group have welcomed the new executive to their site, assisting with the onboarding, development and handover. Utilising this knowledge to solve key issues next year will be a priority for the group.



BPF Groups

WINDOWS GROUP

CHAIR
Martin Althorpe
Epwin Group

BPF EXECUTIVE
Nicki Hunt Davison

The BPF Windows Group has represented the industry for over forty years and incorporates system houses, fabricators and recyclers. The Group works together with industry stakeholders including fellow trade associations and standards bodies, to represent the industry.

Supported by their Technical Advisor Paul Jervis, the Windows Group has met regularly on-line throughout 2023 to discuss areas including regulatory standards updates and working groups, industry developments and recycling



updates. The progress in Europe for the industry, supported by the European PVC Window Profile and related Building Products Association

(EPPA) and their input to Group Meetings illustrates the continuing collaboration throughout the industry to provide solutions.

CELLULAR PVC-U GROUP

CHAIR
Dave Osborne
Swish Building Products

BPF EXECUTIVE
Nicki Hunt Davison

The Cellular Group represents the members of roofline and cladding companies across the UK.

Providing support with industry standards groups to improve quality sustainable solutions, the continued development for the lightweight,



durable and recyclable products, helps maintain the popularity of these products throughout the construction industry.

The Group's members also participate through other BPF Groups which represent them on policy and regulatory matters. Continuing to support the recycling of products through the VinylPlus® initiative for the 'Towards 2030' plan, the group continues to play an important role in delivering industry standards and targets and contributing to circular economy targets.

SHEET AND COATED FABRICS GROUP

BPF EXECUTIVE
Nicki Hunt Davison

The long-established Sheet and Coated Fabrics Group represents BPF members in the manufacturing sector of products including flooring, furniture, automotive, healthcare and construction products.

The Group continued to support the work of VinylPlus® to deliver the 2030 Voluntary Commitment to sustainable development of the European PVC industry through the RecoFloor scheme. They are also represented within the VinylPlus UK Group and organisations such as the Construction Products Association Technical Committee to keep members aware of regulatory changes and standards.



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.

was a founder member of ARMO (the Alliance of Rotational Moulding Organisations) a voluntary group of organisations servicing the global rotomoulding industry. The Annual ARMO Conference took place in Poland this year. As the lead European organiser, BPF oversaw the event which was themed 'sustainable rotational moulding' and followed the traditional format; three days involving topical conference papers, an accompanying exhibition and an industry dinner.

KEY ACHIEVEMENTS

An average of 24% of production output is exported to the EU – down from 29% last year.

Capacity utilisation was 78% based on 75 hours per week. Last year was 76%.

Investment in training dropped by 2%.

No one in the survey has a Net Zero Strategy, although two members are in the process of developing one.

Staff recruitment was by far the biggest challenge facing members.

The third annual Group Benchmarking Survey was promulgated to members of the Rotational Moulding Group with an increase in member participation. The general picture for the sector seemed to look positive. However, the findings showed that investment in the sector is displaying a downwards trend with an underlying caution among members.

Members arrive at Spila



A key highlight for the Rotational Moulding Group this year has been a factory tour in Italy which took place in May. Co-organised with partners from IT-RO (the Italian Association of Rotomoulders), 21 BPF members enjoyed a two-day trip to four rotational moulding sites in northern Italy.

Over the trip, members visited four companies, who provided an overview of their business, their processes, and a tour of their production and storage facilities. Members enjoyed a networking dinner with the hosts and some of their suppliers. BPF members gave overwhelmingly good feedback on the trip, with excellent learning lessons shared.

The Rotational Moulding Group



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 Extended Producer Responsibility (EPR) and the Plastic Packaging Tax (PPT). This was coupled with the chemical recycling and acceptance of mass balance which continued to

KEY ACHIEVEMENTS

Input into numerous consultations

Advocacy via various routes, including the parliamentary reception



be a key issue in 2023. The group is well represented within the central expert committee within the BPF. In addition, the group continues to

monitor developments and ensures that the raw material sector is represented within governmental departments.

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 and currently has 136 members.

The Group's annual benchmarking survey was carried out as usual and results showed a positive year in 2022 but forecasted a more pessimistic outlook for this year.

70% of members saw an increase in sales last year, while 60% expected stagnation for 2023. Almost half of respondents are still having difficulty in recruiting staff, some due to location, but others generally see a lack of suitable



candidates.

Some key results from the survey include:

- Capacity utilization is down to 56% up slightly from 53% last year.
- We've seen an increase in tooling sourced from China – up to 65%, while

only 26% is bought in the UK.

- 40% of members said that their investment strategy has become more cautious.
- In terms of productivity, 41.6% of machines are fitted with robots up from 30% last year.

AUTOMOTIVE FORUM

CHAIR
Ian Ray
Jaguar Land Rover

BPF EXECUTIVE
Graeme Craig

A key market for injection moulders is the Automotive sector. Although there has undeniably been some challenges in that sector, it is still important to maintain the networking opportunities this Forum provides.

The Automotive Forum's annual seminar took place on the 6 December at Edgbaston Cricket Club. The speaker line up included Jaguar Land Rover, Nissan Motor Corporation, Matrix Polymers, Society of Motor Manufacturers and Traders (SMMT). And includes a panel debate to discuss 'The Problems and Advantages of Being in the Automotive Supply Chain.'



Automotive Forum 2023

MEET THE TOOLMAKER

BPF EXECUTIVE
Graeme Craig

Meet the Toolmaker took place on the 15th November. Organised between the BPF and GTMA the event, now in its 9th year, was established to enable UK based processors to engage with domestic toolmakers in order to further enable the reshoring of tools.

The event has grown in size year



Exhibitors were arranged around the training workshop



Delegates at the In-Comm classrooms

on year and for the first time took place in Telford at the new 20,000 sq. ft In-Comm Training Centre which offers state-of-the-art training for manufacturers.

The event featured

exhibitors from 24 toolmakers from across the UK plus a number of companies supplying into the sector and attracted a record number of attendees, with nearly 200 delegates attending.

BPF Groups

EQUIPMENT GROUP

BPF EXECUTIVE
Justyna Elliott

The BPF Equipment Group has 69 members and is third largest group within the BPF. The members are manufacturers and suppliers of processing machinery, ancillary

equipment, components and instrumentation, post-processing machinery, manufacturing process software, testing equipment and more.

KEY ACHIEVEMENTS

Table Top display at various BPF Seminars, including BPF Productivity Seminar held on 14th June at the MTC, Coventry with 10 table tops of the BPF Equipment Group members

Sponsorship of the BPF Annual Dinner 2023

Benchmarking survey of the Equipment Group members (November/December 2023)



BPF Equipment Group
Table Top displays at BPF
Productivity Seminar 2023



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.

COMPOSITES GROUP

BPF EXECUTIVE
Graeme Craig

Whilst the composites group may appear to be on the periphery, understanding how plastics can play a part in the various material composites is of utter importance. The combination of more than one material family has proven very successful in the past and will continue to play a part in future innovations. Following on from the in-person success of the Thermoplastics Composites conference in 2022, 2023 saw another successful event hosted in at the BPF offices in London.



EXPANDED POLYSTYRENE/ NBBA GROUP

CHAIR
David Emes

BPF EXECUTIVE
Nicki Hunt Davison

The Expanded Polystyrene (EPS) and National Blown Bead Association (NBBA) represent manufacturers of shape moulded products, approved system holders and suppliers of EPS blown bead cavity wall insulation respectively. The Group also works with the European Manufacturers Association of Expanded Polystyrene (EUMEPS).

The Group has continued to meet throughout 2023. Members have been active in tackling some of the challenges presented to the EPS industry in both construction and packaging applications. With advocacy work across the industry, in conjunction with EUMEPS (The Association for European Manufacturers of Expanded Polystyrene) members addressed challenges faced by the industry.

Following the successful trials of the Household Waste Recycling



EPS Group Meeting

Centres pilot, further sites are now involved in various sites around the United Kingdom. The scheme has been well received by the general public enabling them to access Local Authorities facilities and to contribute to the circular economy by recycling EPS. Further

negotiations will continue with councils on the waiting list. 2023 also sees the retirement of the Group's Technical Advisor David Thompsett, the BPF thanks David for all his work on behalf of the Group and wish him a happy and healthy retirement.

Expert Committees

SUSTAINABILITY COMMITTEE
CHAIR Jason Leadbitter INOVYN
BPF EXECUTIVE Lara Steinhobel

With a record number of new members joining the Committee, 2023 was another successful, sustainability-focused year. The annual Sustainability Seminar was a sold-out, in-person event that included important topics; microplastics and human health, LCA plastics data and enzymatic technology to advance plastics recycling, to name a few.

Significantly, the BPF launched its member-only Net Zero Strategy for the Industry. This critical project outlines core elements of a decarbonisation strategy as well as a series of measures and actions to be undertaken by businesses in support of reaching Net Zero.

The UN Global Treaty on Plastic Pollution saw its second and third intergovernmental negotiating committees (INCs) gather in Paris and Nairobi, respectively. Meanwhile, the BPF stayed close to UK discussions and other industry positions. Constant engagement with DBT (Department for Business and Trade) and DEFRA



Lara Steinhobel at the World Plastics Summit in Monaco

(Department for Food, Environmental and Rural Affairs) have been notable throughout the year, steering the industry's stance on the various draft options and clauses of the treaty.

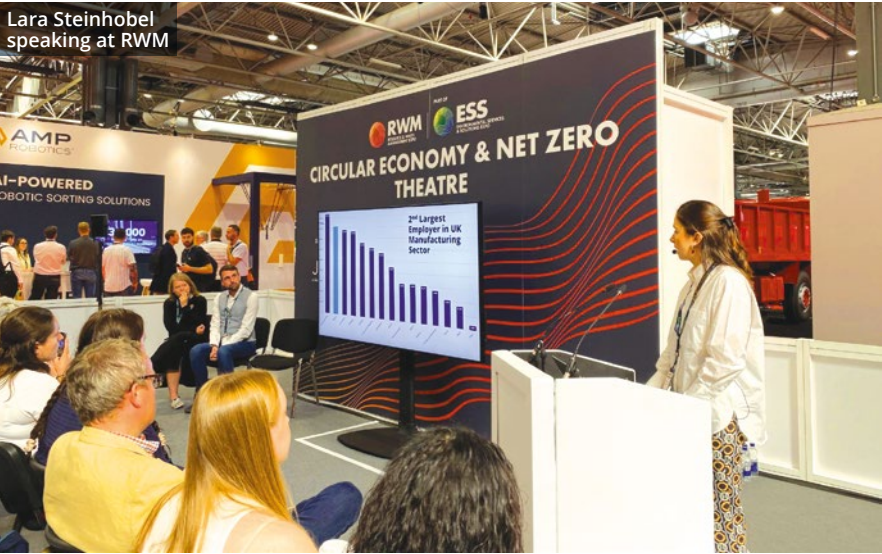
The BPF also supported RECOUP in creating an online LCA (Life-Cycle Analysis) library for various plastics. Members can search for LCAs by Materials & Products or Recycling Processes & End-of-Life categories.

Looking into 2024, the committee will see the BPF continue to make strides on Operation Clean Sweep which will include launching an online training course. Additionally, there

will be decisive movement on the Global Treaty which the BPF will stay abreast of.

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 the industry's goals on achieving a circular economy and net zero.

Finally, Jason Leadbitter retired at the end of 2023, a widely respected person within the plastics industry who has been heavily involved with the BPF for many years. He chaired the Sustainability Committee for eight years and his expert advice and insights have been invaluable. The BPF wishes to express its gratitude to Jason for his many years of service. His successor, Berry Superfos Divisional Sustainability Manager Jamie Riley, was elected at the end of the year.



Lara Steinhobel speaking at RWM

KEY ACHIEVEMENTS

Launch of the Net Zero Strategy for the industry

UNEP accreditation and Defra inputs for the UN Global Treaty on Plastic Pollution

LCA Library with RECOUP

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

CHAIR

Richard Bladon
Richard Bladon & Associates Ltd

BPF EXECUTIVE

Graeme Craig

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

This year the Committee appointed a new Chair: Richard Bladon CMIOSH, PIEMA, AMIFPO. Richard is an experienced Principal Consultant skilled in HSE Management Systems, ISO 14001, HSE auditing, Workplace Safety, and Environmental Awareness, and last year chaired the BPF Annual H&S Seminar.

Richard has worked extensively in Global Manufacturing and Food Production, and specialises in assisting SMEs, especially in the Plastics Industry. On his appointment Richard said that he, "looks forward to developing H&S strategy with the

BPF and is looking forward to meeting members at his first meeting of the Committee."

The BPF carried out its annual accident survey, designed to monitor the industry's H&S performance.

This year we had 72 accident returns, representing 16,051 employees.

The top 5 causes of injury in the report were:

- Slips, trips or falls on the same level
- Injured whilst handling, lifting or carrying
- Hit by moving inc. flying or falling object
- Knife injury
- Contact with moving machinery

Our H&S Seminar took place online on 13 June. 55 members dialled in to hear speakers discuss a range of topics, including an update on sentencing guidelines, 'Mental Health in the Workplace – a H&S Lawyer's Perspective,' and 'Riddor - Are You Over-Reporting.' 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. This year we met twice and received support from SIMPL members to

produce the speaker line up for our Annual H&S Seminar.

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. Working Minds also asked BPF to produce a blog for the campaign for their website which we were happy to do. It was written by the Committee secretariat and was titled 'Questions around wellbeing every business needs to ask itself.'

A Committee meeting took place at Silverstone Racetrack to hear updates from HSE, and guest speakers presenting on 'Inspection of Fire Doors & Fire Risk Assessments,' and 'Mental Health & Wellbeing.' At his inaugural meeting as Chair, Richard set out his 6-point vision for the Committee:

- Re-engage with the HSE for improved support.
- Increase engagement with BPF members.
- Be the voice for H&S in the Plastics Industry
- Provide support and information to SMEs.
- Collaborate with other Groups for H&S cross fertilization and improvements.
- Promote good mental health & wellbeing.



The meeting room at Silverstone overlooked the finishing line

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 for members to develop productivity content for members.

For the past two years the work of the committee was centred around the Productivity Project. This Project is intended to aid the UK plastics/moulding industry to improve productivity and performance throughout the entire supply chain and increase efficiency and competitiveness.

The output of this work will be a suite of documents that will cover around 15 categories which will be delivered over 4 or 5 phases. The first phase to be published this year, has seen 7 working groups producing guidance on:

- Automation
- Digitalisation
- Equipment
- Energy
- Materials
- Product Design
- Tooling

Each WG comprises a collection of members that are volunteering their expertise and time to produce the content.

At this time the content will be issued in draft form for industry consultation. Once the consultation ends, the group will prepare the documents for publication, with the first release expected to be in late spring/early summer 2024.

Even before the publication of phase one, the group will begin preparing for phase 2 which will be examining:

- Ancillary Equipment
- Sustainability
- Waste Management
- Additive Manufacturing

and a deeper dive into:



BPF President Nigel Flowers at the 2023 Productivity Seminar

- Blow moulding
- Rotational
- Extrusion
- Thermoforming
- Compression

The BPF "Productivity in the Plastics Industry" Seminar was held on June 14th at the MTC Coventry. It proved to be an exceptional gathering of industry professionals dedicated to improving productivity in the plastics manufacturing sector.



BPF Productivity Seminar 2023



EDUCATION AND SKILLS COMMITTEE

CHAIR
Jo Davis
Broanmain Plastics

BPF EXECUTIVE
Mary Aiken-Wood

The growing skills gap continues to be a topic of concern across BPF membership. The second Career Ambassador training session saw seven more ambassadors trained. The committee recognises the need to measure success and have been evaluating ways to capture and visualise ambassador data. With the education landscape rapidly

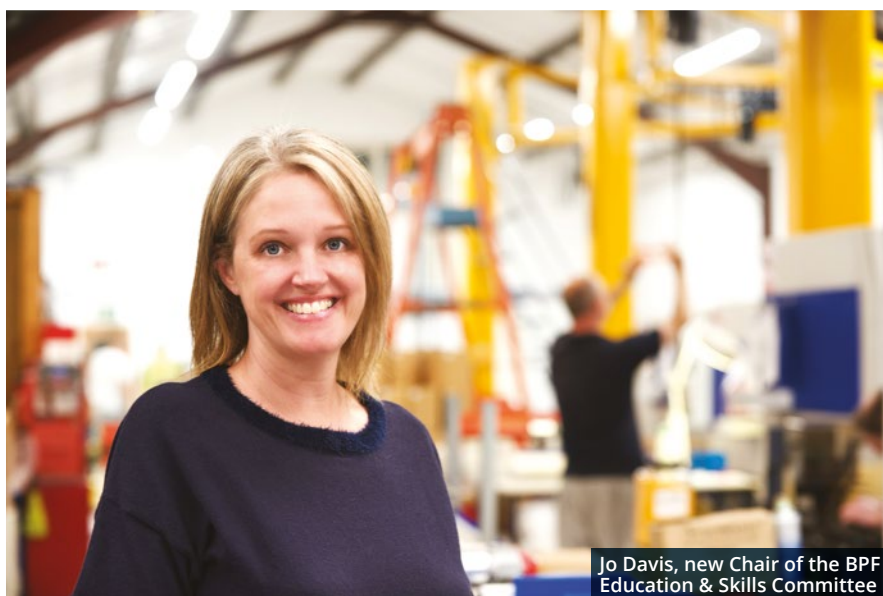
changing, the group provided input to the Level 3 apprenticeship funding review, securing a higher funding band than feared. The committee has been summarising changes to T levels and BTECs and looking at external collaboration to increase industry engagement with schools. Upskilling the current workforce will be a key focus in 2024.

KEY ACHIEVEMENTS

Second career ambassador training completed

Inputted into the L3 apprenticeship funding review

Increased engagement within BPF membership and renewed interest



Jo Davis, new Chair of the BPF Education & Skills Committee



Career Ambassador training, June 2023

Expert Committees

PRODUCT SAFETY COMMITTEE

CHAIR
Chris Howick
INOVYN ChlorVinyls

BPF EXECUTIVE
Mary Aiken-Wood

KEY ACHIEVEMENTS

Successful chemical regulatory online seminar

Summarised key updates for BPF members

Increased engagement within BPF membership



EU and UK REACH has continued to be important across BPF membership. The Product Safety Committee have kept members informed of important updates, such as the UK REACH alternative transition model announcement, the 6-month PFAS consultation and the Intentional Use of Microplastics regulation under EU

REACH. BPA also continued to be a topic of concern with a study released by the Europeans Food Safety Authority recommending the safe limits are lowered even further. Meanwhile, in the EU, ECHA have released their work programmed document in late 2023 which sets out the enforcement priorities for the next two years.

FIRE SAFETY COMMITTEE

CHAIR
Christine Lukas
Dow Chemicals

BPF EXECUTIVE
Mary Aiken-Wood

As the phase 2 report of the Grenfell Tower Inquiry was further delayed, the BPF Fire Safety committee continued to closely monitor developments. Responding to consultations was again a key focus for the committee as the pressure on flame retardants heightened. Finally, in 2023, we saw the committee chair step down as and the group will now look to restructure. Ensuring that the committee is representative of the whole industry and has the required expertise will be the main goal in 2024.

KEY ACHIEVEMENTS

Technical input into various consultations

Continued to monitor the Grenfell Tower Inquiry



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	PS Partnerships & Consultancy Plastics consultancy, regulatory support, quality management systems and training provider. BPF Members 10% off courses.	Polymer Training and Innovation Centre Training and consultancy - BPF members get a 10% discount on courses
Croner BPF members get free legal support advice.	RJG Technologies Ltd Injection moulding process training and support – BPF members get a 10% discount on courses.	UL Testing, certification, assessment and regulatory compliance services - BPF members get a 10% discount on courses.
Ernst & Young LLP R&D tax relief, Patent Box, innovation – BPF members fee consultation.	Scale Logistics Transport, logistics services and warehousing.	WTW Insurance services – BPF members get a free insurance review consultation.
Helix Polymer Technology Engineering services, plastic part design, flow simulation, mould tooling procurement, process optimisation and troubleshooting, training	Seacon (SG) Ltd Transport, logistics services and warehousing.	Aston University Collaboration with businesses, from multi-nationals to local SMEs, to drive innovation and make real change.
Interplas Events UK plastics exhibition organiser – BPF members get discounted stand costs at Interplas.	Siemens Financial Services Equipment financing, leasing solutions, invoice financing, B2B financing.	University of Bradford, Polymer IRC Interdisciplinary research centre for UK polymer science & engineering, training and testing provider.
Jaguar Land Rover British multinational car manufacturer	Sierra 57 Consult Technical recruitment, onsite moulding training	University of Hull School of Natural Sciences - Chemistry. Help develop ideas, grow business and connect with research experts.
LG Energy Group Energy procurement and consultancy - BPF members are offered savings on a cost recovery audit	Smithers Training and consultancy – BPF members get a 10% discount on courses.	University of Manchester Research for business, Knowledge exchange, Consultancy, Commercialisation, Continuing professional development.
Listgrove International recruitment and HR BPF members get up to two free industry-recognised psychometric profiles.	Solutions4Polymers Training and support, including polymer apprenticeships – BPF members get a 10% discount on courses	University of Plymouth Education and research facilities for the polymer industry.
Multi Ventures Ltd Consultancy and technical support	TorFX International currency transfer services	Queen's University Belfast Polymer Processing Research Centre.
NSF Accredited, independent third-party certification body that tests and certifies products to verify they meet these public health and safety standards.	Smithers Training and consultancy – BPF members get a 10% discount on courses.	University of Manchester Research for business, Knowledge exchange, Consultancy, Commercialisation, Continuing professional development.
On-Site Energy Energy reduction and carbon emissions reduction for plastics processors.	Trowers & Hamblins Ltd Legal advice and support.	University of York Green Chemistry Centre of Excellence (GCCE) is a world-leading academic facility for pioneering pure and applied green and sustainable chemical research
PlastikCity Procurement portal for the UK plastics sector.	TWI Technical and vocational education, R&D and testing	WMG University of Warwick Product and process development, in-house testing and training.

Business Development: Overseas and UK

BPF EXECUTIVE
Justyna Elliott

British Pavilion at Plastindia and Chinaplas

BPF coordinated a British Pavilion of exhibitors at Plastindia held in New Delhi, India on 1-5 February 2023. The UK's Department for Business and Trade (DBT) supported the UK exhibitors on the ground and hosted a dinner on the first day of the show.

The exhibitors included:

- Ashe Converting Equipment
- Astropol
- British Plastics Federation
- FARREL POMINI
- Meech International
- Sandon Global
- Tinus Olsen



India is a high priority market for the UK. Bilateral trade between the UK and India in 2021 was £24.3 billion and we hope trade can grow further. We are delighted to support the British exhibitors looking to increase their trade with India and we expect them to make many valuable business contacts at PlastIndia 2023.

Jitendra Jain

DEPARTMENT FOR INTERNATIONAL TRADE /
BRITISH DEPUTY HIGH COMMISSION, INDIA

The Chinaplas 2023 (17-20 April, Shenzhen, China) broke the record of visitor and exhibitor numbers for the international plastics exhibitions with over 248,222 visitors and 3,900 exhibitors. BPF coordinated the British Pavilion of exhibitors:

- British Plastics Federation
- Dassault Systems
- Fraser Anti-Static Techniques
- Keeling & Walker Limited
- Meech International
- Nextool UK
- Polygiene Group
- Rapidflame



Meech International exhibited at Plastindia 2023 and we are very pleased with how the show went. We ended up with over 170 leads, which is great. The show was well attended and the footfall was tremendous.

Iain Cameron

MEECH INTERNATIONAL



BPF represented members at seven UK industry exhibitions

The BPF handed out hundreds of copies of the BPF Members Directory and promoted its 560+ members from the BPF stand at seven trade fairs held in UK:

- **Southern Manufacturing**
Farnborough, 7-9 February 2023
- **Packaging Innovations**
Birmingham, 15-16 February 2023
- **Sustainable Plastics Live**
Coventry, 10-11 May 2023
- **Med Tech**
Birmingham, 7-8 June 2023
- **RWM & Letsrecycle Live**
Birmingham, 13-14 September 2023
- **Interplas**
Birmingham, 26-28 September 2023
- **Advanced Engineering**
Birmingham, 1-2 Nov 2023



At Interplas, the BPF celebrated its 90th Anniversary at the first day of the show with the Director General, Philip Law and the BPF President, Nigel Flowers of Sumitomo Demag cutting a cake and raising a glass of champagne with the BPF members.



BPF Energy

TECHNICAL DIRECTOR AND CCA
ADMINISTRATION MANAGER

Peter Haslop & Yolanda Starkie

BPF Energy are pleased to report another very successful and progressive year for the Plastic Sector CCA Schemes. The current schemes Target period 6 will officially start 1st January 2024 with all our current Partners once recertified will continue to receive Climate Change Levy discounts until March 31st 2025.

This was an exciting year for BPF Energy as we continually improve our new Carbon Footprint Reporting Tool. To register for the Carbon Footprint Tool please visit the CCA reporting website energy.bpf.co.uk where you will find a new Carbon Footprint tab. A brief overview can be found here. www.bpf.co.uk/sustainability/know-your-carbon-footprint.aspx

Also this year BPF Energy commissioned a new version of the ever popular “Controlling Energy in Plastics Processing”. This should be launched in the latter half of 2024.

The BPF Energy on-line reporting system now includes additional benefits such as data graphing of the performance against target and historical data to help support your energy management.

Our popular webinar events focused on using technology to reduce your energy costs and CO2 emissions. We added three new webinars on Sustainability, Net Zero and Carbon Footprint produced and presented by Dr. Robin Kent.

Finally, congratulations go to the 2023 BPF Energy Award winner, James Walker & Co Ltd.

KEY ACHIEVEMENTS

The current schemes Target period 6 will officially start 1st January 2024 with all our current Partners once recertified will continue to receive Climate Change Levy discounts until March 31st 2025.

The BPF Energy new Carbon Footprint Reporting Tool is going from strength to strength.

BPF Energy commissioned a new version of Controlling Energy in Plastics Processing which will be available in the latter half of 2024.



Energy management event
November 2023

Horners Awards

BPF EXECUTIVE
Rebecca Shortland

The Annual BPF Horners Awards were successful yet again in 2023, with 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; Suscons' Emergency Relief Shelter. Their shelter is made from 75% recycled PVC window and door frames and can be 100% recycled after its 10 year lifespan without significant loss in physical properties, creating a closed loop humanitarian society. They can be quickly erected, do not require skilled labour, and provide not only emergency shelter but also longer-term temporary accommodation considering their lifespan.

The David Williams Award

As the Horners Committee found it to be a practical innovated solution to long term displaced families and homeless people not just in the UK but globally, they also chose to accord Suscons with the David Williams Award



2023 Horners Bottlemaker winner

(presented to those who make an outstanding contribution to society through plastics).

Bottlemakers Award

This year's winner of the Bottlemakers Award was Berry Superfos with their Closed Loop Paint Containers, in which waste paint is collected and re-engineered into new paint, while the plastic containers in which the paint was originally packed are recycled into

new paint cans for the recovered paint.

This reduces the environmental impact of both the paint and its packaging through the reduction of waste product sent to landfill and the carbon emissions associated with incineration, saving approximately 2.8 tonnes of CO2 for each tonne of plastic not incinerated.

British Plastics Federation Award

The winner of the 2023 British

Plastics Federation Award is Ridgidrain by Polypipe Civils & Green Urbanisation - the very first twinwall surface drainage system in the UK with Highways Authority Product Approval Scheme status, which is made from 100% recycled, high strength HDPE. The judges were impressed with its excellent performance, as the product promotes all the benefits of sustainability (lower embodied carbon, strength, and lower weight) without compromising on long term effectiveness.

2023 Design Innovation award winner



(as of 31 December 2023)

Aquapurge
 Addmaster
 Akdeniz Chemson Additives Ltd
 Astropol Ltd
 Baerlocher UK Ltd
 BASF plc
 BioCote
 Birch Chemicals
 Broadway Colours Ltd
 Colloids
 ColorMatrix
 Corcoran Chemicals Ltd
 Covestro Ltd
 Dow Chemical Company Ltd
 eChem Ltd / FACI UK
 ExxonMobil
 Gabriel Chemie UK
 Grolman Ltd
 IKA (UK) Ltd
 IMCD UK
 IMERYS
 Kisuma Chemicals
 Lawrence Industries
 LXD UK Limited
 Lysis Technologies
 Millers Oils
 Mitsui & Co Europe PLC
 Omya
 Permabond Engineering
 Adhesives Ltd
 Reagents Ltd
 Safic-Alcan UK
 Stardust Materials
 Wells Plastics Ltd
 Wessington Group

General All Purpose Plastics
Limited
Kestrel Building Products
Swish Building Products
Eurocell

Gurit (UK) Ltd
Llewellyn Ryland Ltd

ABB
 Altair
 Arburg Ltd
 Atlas Copco Limited t/a Isocool
 BEP Surface Technologies
 Limited
 Billion UK Ltd
 Bole Machinery Limited
 Buhler UK Ltd
 Busch (UK) Ltd
 CCS Technology
 Ceramicx Ltd
 Coperion K-Tron
 CR Clarke & Co. (UK) Limited
 Davis-Standard
 ENGEL
 FANUC UK
 Farrel Pomini
 Formech International Ltd
 Fraser Anti-Static Techniques
 Hayley 247 Engineering Services
 Ltd
 Hi-Tech Automation Ltd
 Industrial Physics
 Instron Ltd
 Intouch Monitoring Ltd
 Kongskilde Industries UK. Ltd.
 Krauss Maffei (UK) Ltd
 Labotek GB Limited
 Mach-Tech Services
 Magog Industries
 Matics Manufacturing Analytics
 Ltd
 Meech International
 Mouldshop
 MSA Engineering Systems Ltd
 Negri Bossi Ltd
 PerkinElmer (AES) UK
 Piovan
 PMEUK LTD
 Protech Automation
 Rhopoint Instruments Ltd.
 Ridat Company
 ROMI Machines UK
 RUD Chains
 SolvAir Limited
 Sonic Solutions
 Staubli UK Ltd
 STV Machinery
 Sumitomo (SHI) Demag UK Ltd
 Summit Systems
 T H Plastics Limited
 The Aergen Company Ltd
 Tinius Olsen
 TransXL International Ltd
 UK Extrusion Ltd

Big Bear Plastic Products Ltd
BNL (UK) Ltd
Bolton Plastic Components Ltd
Broanmain
Burnetts Manufacturing Limited
CCL Design
Champion Mouldings Ltd
CJ Tools and Mouldings Ltd
Clark Drain Ltd
Consort Medical Bepak Drug
Delivery D
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
Fenton Precision Engineering
Ltd
Fern Plastic Products Ltd
Flambeau Europlast Ltd
Flexitallic UK Ltd
Flexseal Couplings Limited
Forteq UK Ltd
Frontier Plastics Ltd
George UTZ Ltd
Glazpart Ltd
Goodfish Ltd
Grupo Antolin Leamington Ltd
Hahn Plastics 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
Keter UK Ltd
Labone Castleside Ltd
Lettergold Plastics Ltd
Linecross Ltd
Loadhog
Malton Plastics (UK) Ltd
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 Limited
Northern Ireland Plastics Ltd
Northpoint Ltd
Northumbria Blow Mouldings Ltd
Norton Plastics Ltd
Novares
Numatic International Ltd
Olympus Algram
Owen Greenings & Mumford Ltd
Owen Mumford
Oxford Plastic Systems Ltd
Patterson & Rothwell
Peak Plastics Ltd
Peerless Plastics & Coatings
Pennine Manufacturing Ltd
Pentagon Plastics Ltd
Petford Tools Ltd
PF Concept
Piolax Manufacturing Ltd
Plasmotec Limited
Plastic Engineering Solutions Ltd
Plastic Omnium Automotive Ltd
PolyGlobal
Polymermedics
Rainbow Professional
Ravago Building Solutions UK Ltd
Really Useful Products Ltd
RGE Engineering Ltd
Ricoh UK Products Ltd
Rutland Plastics
S&S Plastics
Sanko Gosei
Silicone Engineering Ltd
SMR Automotive Mirrors UK Ltd
St Davids Assemblies
Starco DML Limited
Sterilin Ltd
Straight PLC
Synergy Plastics Limited
Talisman Plastics
Taylor Engineering and Plastics Ltd
Tex Plastics Products Ltd
Thermoseal Group
Thumbs Up (Bury) Ltd
TPF Plastics Ltd
TRP Sealing Systems Ltd
TS (UK) Ltd
UB Plastics
UPG

VIP Polymers
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 Pipes

Aliaxis
Brett Martin
Geberit Sales Ltd
GF Piping Systems UK
Hunter Plastics
Hydro International
McAlpine and Co Ltd
Naylor Drainage
Polypipe Building Products
Polypipe Building Services
Polypipe Civils
Radius Systems Ltd
REHAU Ltd
Reliance Worldwide Corporation (RWC)
SDS LTD
Uponor Ltd
Wavin Ltd

Plastics and 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
Broadway Colours 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
Duo Plastics Ltd
Echo Packaging Ltd
Elite Plastics Ltd
Emballator (UK) Ltd
Esterform Packaging Ltd
Faerch UK Ltd
First Circle Packaging Ltd
Flexipol Packaging Ltd
Flint Ink (UK) Ltd
Frank Mercer & Sons Ltd
Futamura Chemical UK Ltd
Guala Closures UK Ltd
Hanmere Polythene Ltd
Henkel Ltd
Highland Spring Ltd
Imperial Polythene Products Ltd
Innovia Films Ltd
Interflex Group Europe Ltd
Intertek Wilton
IPACKCHEM Ltd
JF McKenna 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
Mausier UK Ltd
McBride Ltd
Measom Freer & Co Ltd
Melitta UK Ltd. t/a Melitta UK and Cofresco Foodservice
Mitsui & Co Europe PLC
Muller UK & Ireland Group LLP
Nelipak Healthcare Packaging Ltd
Nexeo Plastics UK Ltd
Nolato Jaycare Ltd
Nu Agencies Ltd
Oxford Packaging Solutions 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 Elsham Ltd
ProAmpac Grimsby Ltd
ProAmpac Lincoln Ltd
Roberts Mart & Co Ltd
Robinson Plastic Packaging Ltd
Roxane UK Ltd
Schoeller Allibert Ltd
Sealed Air Ltd
Seevent Plastics Ltd
Shalam Thermoforming (UK) Ltd
Sharpak Bridgewater Ltd
Silgan Closures UK Ltd
Skymark Packaging International Ltd
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
TS (UK) Ltd
Tyler Packaging Ltd
Waddington Europe Ltd
Walki Group Ltd
Zip Pak

Polymer Distributors & Compounders

4Plas
Albis UK Ltd
Biesterfeld Petroplas
Distrupol
Formerra UK Ltd
Hardie Polymers Ltd
Hellyar Plastics
HEXPOL TPE Ltd
Longfield Chemicals Ltd
LyondellBasell (Warrington)
Mitsui & Co Europe PLC
Montachem International
Nexeo Plastics UK Ltd
Performance Plastics Ltd
Plastoplan Polymer Ltd
Plastribution
Polydist UK Ltd
Polymer Compounders Limited
Snetor
Sumika Polymers Compounds (UK) Ltd
Ultrapolymers Ltd

Members of the BPF

Polymer Suppliers

Alpek Polyester UK Ltd
Alphagary
LyondellBasell (Milton Keynes)
Radici Plastics UK Ltd
Sabic UK
Solvay
Aquapak Polymers Ltd
Luxus
Plastic Technology Services
Berwin Group
Dugdale Plastics Ltd
Vinnolit Ltd
INOVYN ChlorVinyls Ltd

Recyclers

4PET part of Faerch Group
Acorn Recyclers Limited
Agricycle Limited
AO Recycling
AST Plastic Containers UK LLP
Aurora Manufacturing Ltd
Axion Polymers
B&J Parr (Reclaimers) Ltd
B&M Longworth (Edgworth) Ltd
Beko PLC
Berry BPI
Berry Circular Polymers
Biffa Polymers
Bolton Brothers Ltd
C L Rye Trading Ltd
Cedo Ltd
Centriforce Products Ltd
Chase Plastics Ltd
Clean Tech
CPC Products Ltd
Dalecuts Limited
Easy-trim Roofing and
Construction Products Ltd
Ecodek
Enva Plastics Limited
Euro Exim Limited
Eurocell
Green Earth Limited
Impact Recycling
Indigo Environmental Limited
Innovate Recycle
IPL Brightgreen
Jayplas
Kam Plastics Ltd
Luxus
Mainetti (UK) Ltd
MBA Polymers
Midwest Polychem Ltd
My Group Ltd
Pasha Recycling Services

Philip Tyler Polymers Ltd
Plastic Energy
Plastic Technology Services
Polymer Extrusion Technologies
(UK) Ltd
Polypipe
PVC Pellets Ltd
RECOUP
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
Y S Reclamation Ltd

Rotational Moulding

493k
ACO Technologies PLC
Algo Fuels Ltd / Nature Based
Solutions (Global) Ltd
Balmoral Tanks
Bioquell UK Ltd
Broadway Colours Ltd
Corcoran Chemicals Ltd
Corilla Plastics
CP Cases Ltd
Crompton Mouldings
DRAM srl
Etills Ltd
Europalite c/o Marwood group
Ltd
Excelsior Roto Moulding Limited
Gordon Ellis & Co
JFC Civils UK
Jonesco (Preston) Ltd
JSC Rotational Ltd
Keter UK Ltd
Kingspan Environmental Ltd
Leafield Environmental Ltd
LyondellBasell (Gwent)
Lysis Technologies
Mailbox-Stamford Products Ltd
Matrix Polymers
Numatic International Ltd
Palm Equipment International
Ltd
Persico
Prisma Colour Ltd
Queens University Belfast
Romold
Rotational Mouldings Ltd

Rotomotive
Rototek
Sorcerer Rotational
Techneat Engineering
Tecni-Form
Tuffa UK Ltd
Ultrapolymers Ltd
UniqueRoto
Wellman Recycling
Wydale Plastics Ltd

Service Providers

Ernst & Young
Helix Polymer Technology
Interplas Events
Listgrove Ltd
On-site Energy Ltd
PlastikCity
Polymer Training & Innovation
Centre
PS Partnerships & Consultancy
Ltd
RJG Technologies UK Ltd
S&P Global
Scale Logistics
Siemens Financial Services UK
Sierra 57 Consult
Smithers
Solutions 4 Polymers
TorFX
Trowers & Hamblins Ltd
UL Solutions
WTW

Sheet & Coated Fabrics

Fenner PLC
Palram UK
Altro Ltd
Polyflor Ltd

Universities

Aston University
Brunel University London
Queens University Belfast
Retail Institute, Leeds Beckett
University
University of Bradford Polymer
IRC
University of Hull
University of Manchester
University of Plymouth
University of Portsmouth
University of York

WMG - The University of
Warwick

VinylPlus UK

Aliaxis UK
Akdeniz Chemson Additives Ltd
Altro Ltd
Baerlocher UK Ltd
Berwin Group
Dow Chemical Company Ltd
Dugdale Plastics Ltd
ExxonMobil
GPS PE Pipe Systems Aliaxis UK
INOVYN ChlorVinyls Ltd
Polyflor Ltd
Polypipe Group
Renolit Cramlington Ltd
United Kingdom Resilient
Flooring Association
(UKRFA)
Vinnolit Ltd
Wavin

Windows Group

Deceuninck Ltd
Akdeniz Chemson Additives Ltd
Baerlocher UK Ltd
Dart Products Europe Ltd
Dow Chemical Company Ltd
Duraflex Ltd
Epwin Group Plc
Eurocell
ExxonMobil
INOVYN ChlorVinyls Ltd
Linjar
Masterframe
Mitsui & Co Europe PLC
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.

Group & Committee Chairpersons

BPF Business Groups

as of 31 December 2023

Additives Suppliers Group

CHAIR Steve Harrison
Reagens



Cellular PVC Group

CHAIR Dave Osborne
Swish Building Products

Composites Group

Expanded Polystyrene Group (EPS/NBBA)

CHAIR David Emes



Industrial Plastics Welding and Fabrication Group (IPWAF)

Masterbatch & Technical Compounds Group

CHAIR Russell Livesey
Colloids



Moulders and Specialist Processors Group

CHAIR Wilf Davis
Broanmain Plastics



BPF Pipes Group

PRESIDENT Steve Richmond
Rehau



Plastics and Rubber Equipment Group

CHAIR Chris Francis
Meech International



Polymer Distributors and Compounders Group

CHAIR Mike Boswell
Plastribution



Polymer Suppliers Group

Recycling Group

CHAIR Roger Baynham
Philip Tyler Polymers



Rotational Moulding Group

CHAIR Philip Maddox
Leafield Environmental



Sheet and Coated Fabrics Group

Windows Group

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Epwin Group



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as of 31 December 2023

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CHAIR Jason Leadbitter
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Productivity Committee

CHAIR Nigel Flowers
(President)
Sumitomo (SHI) Demag



The Council of the British Plastics Federation

as of 31 December 2023

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Nigel Flowers
Sumitomo (SHI) Demag



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Managing Director
Plastribution Ltd



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Stephen Hunt
Membership Services
Director



Darren Muir
Finance & Administration
Director / Federation
Secretary



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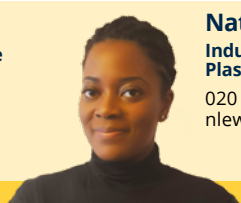
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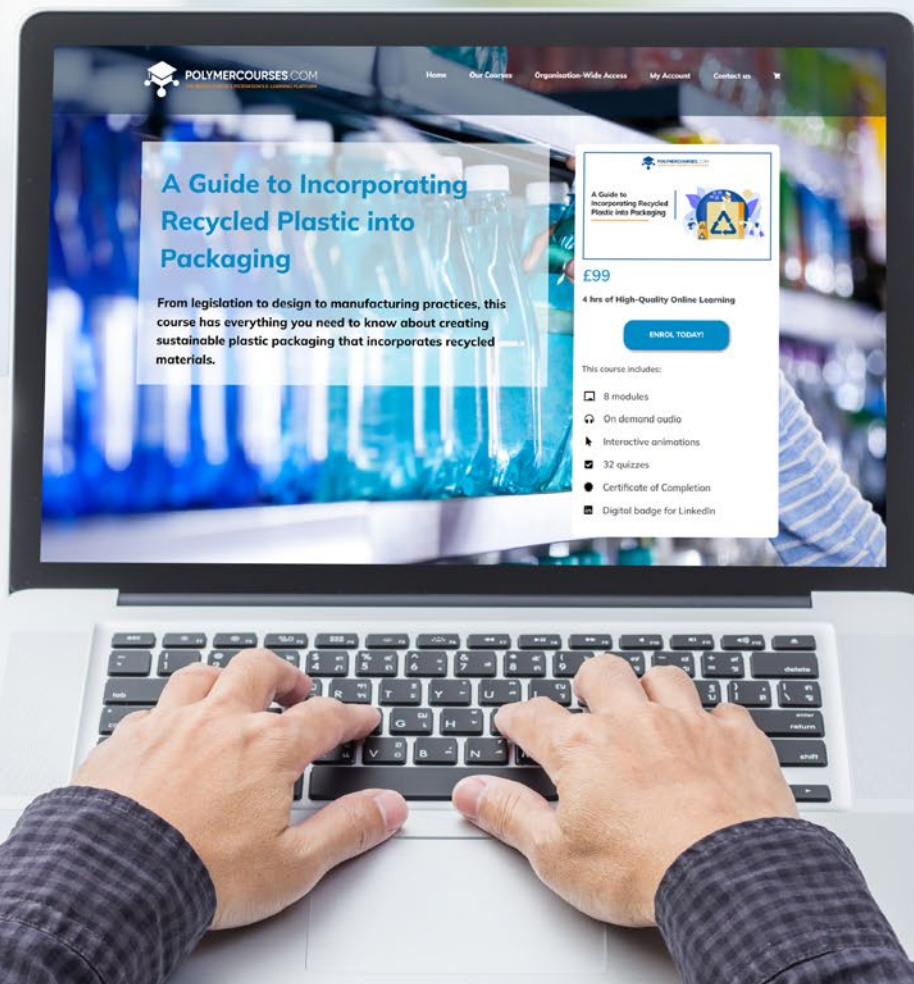
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