Annual Review 2017
# Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>BPF Member Benefits</td>
<td>2</td>
</tr>
<tr>
<td>Events Coming Soon</td>
<td>3</td>
</tr>
<tr>
<td>2017: A Year in Images</td>
<td>4</td>
</tr>
<tr>
<td>President's Report</td>
<td>6</td>
</tr>
<tr>
<td>Director General's Report</td>
<td>8</td>
</tr>
<tr>
<td>Membership Services</td>
<td>10</td>
</tr>
<tr>
<td>Finance &amp; Administration</td>
<td>11</td>
</tr>
<tr>
<td>Public &amp; Industrial Affairs</td>
<td>12</td>
</tr>
<tr>
<td>Brexit Taskforce</td>
<td>13</td>
</tr>
<tr>
<td>Media Engagement</td>
<td>14</td>
</tr>
<tr>
<td>Website &amp; Social Media</td>
<td>15</td>
</tr>
<tr>
<td>Events 2017</td>
<td>16</td>
</tr>
<tr>
<td>BPF Annual Dinner</td>
<td>18</td>
</tr>
<tr>
<td>BPF Groups</td>
<td>20</td>
</tr>
<tr>
<td>- Plastics &amp; Flexible Packaging Group</td>
<td>21</td>
</tr>
<tr>
<td>- Recycling Group</td>
<td>22</td>
</tr>
<tr>
<td>- Pipes Group</td>
<td>23</td>
</tr>
<tr>
<td>- Vinys Group</td>
<td>24</td>
</tr>
<tr>
<td>- Polymer Suppliers Group</td>
<td>24</td>
</tr>
<tr>
<td>- Polymer Distributors &amp; Compounders Group</td>
<td>25</td>
</tr>
<tr>
<td>- Masterbatch &amp; Technical Compounds Group</td>
<td>26</td>
</tr>
<tr>
<td>- Additive Suppliers Group</td>
<td>26</td>
</tr>
<tr>
<td>- Moulders &amp; Specialist Processors Group</td>
<td>27</td>
</tr>
<tr>
<td>- Composites Group</td>
<td>27</td>
</tr>
<tr>
<td>- Rotational Moulding Group</td>
<td>28</td>
</tr>
<tr>
<td>- Expanded Polystyrene Group</td>
<td>28</td>
</tr>
<tr>
<td>- Cellular PVC-U Group</td>
<td>29</td>
</tr>
<tr>
<td>- Windows Group</td>
<td>29</td>
</tr>
<tr>
<td>- Sheet &amp; Coated Fabrics Group</td>
<td>30</td>
</tr>
<tr>
<td>- Equipment Group</td>
<td>30</td>
</tr>
<tr>
<td>- Industrial Plastics Welding &amp; Fabrication Group</td>
<td>30</td>
</tr>
<tr>
<td>Expert Committees</td>
<td>32</td>
</tr>
<tr>
<td>- Education &amp; Skills Committee</td>
<td>32</td>
</tr>
<tr>
<td>- Sustainability Committee</td>
<td>33</td>
</tr>
<tr>
<td>- Industrial Health &amp; Safety Committee</td>
<td>34</td>
</tr>
<tr>
<td>- Product Safety Committee</td>
<td>35</td>
</tr>
<tr>
<td>- Fire Safety Committee</td>
<td>35</td>
</tr>
<tr>
<td>Overseas Business Development</td>
<td>36</td>
</tr>
<tr>
<td>Business Support Network</td>
<td>37</td>
</tr>
<tr>
<td>BPF Energy</td>
<td>38</td>
</tr>
<tr>
<td>Horners Awards</td>
<td>39</td>
</tr>
<tr>
<td>BPF Members</td>
<td>40</td>
</tr>
<tr>
<td>BPF Affiliates</td>
<td>43</td>
</tr>
<tr>
<td>Group &amp; Committee Chairpersons</td>
<td>44</td>
</tr>
<tr>
<td>BPF Staff</td>
<td>46</td>
</tr>
</tbody>
</table>
Member Benefits

For over 80 years the British Plastics Federation (BPF) has been the leading voice for the UK plastics industry. The BPF represents over 550 members from across the plastics industry supply chain, including polymer producers and suppliers, additive manufacturers, plastics processors, recyclers, services providers, end users and machinery manufacturers.

10 Membership Benefits

1. **Lobbying and representation**
As one of the largest sector-specific trade associations in the UK, with over 30 staff and more than 550 members, the BPF represents 80% of the UK plastics industry by turnover, and wields influence at all levels, from standards making to overall policy.

6. **Access to plastics market intelligence, giving you a competitive advantage**
Database on the global plastics market including information on polymer consumption in the top 80 countries, downloadable lists of plastic trade magazines, exhibitions and associations and access to 100s of plastics agents and distributors around the world.

2. **Exclusive peer to peer networking opportunities**
The BPF organise over 100 events per year, the majority exclusive to members, providing excellent opportunities to network with key decision makers from across the supply chain.

7. **Free legal advice**
A dedicated phone line to a team of lawyers giving free legal advice on issues such as Tax, VAT, PAYE, Payroll, Employment and Personnel, Health and Safety and Commercial Legislation.

3. **Sales leads direct to your inbox**
Around 1000 sales leads per year via our website, as well as 100s of leads from national and foreign shows.

8. **Raise your company’s profile**
A platform for your products and services, as well as a channel for your press releases, announcements and articles. Feature preferentially in the industry directory. With 1.7 million page views a year and nearly 10,000 followers on social media, the BPF commands a huge online audience.

4. **Comprehensive grant finding service**
A database of 8,000+ regional, national and European-wide grants, loans and other hard-to-find programmes, updated in real time by a research team.

9. **BPF Members’ Directory**
Feature in the Members’ Directory with over 4,000 copies distributed around the world every year, and viewed online over 3,500 times.

5. **Legislative guidance, member updates and technical advice**
Group executives provide updates on issues, legislative changes and new reports. Fortnightly newsletter provides news, events and relevant initiatives. Access to industry specialists who answer questions and signpost to relevant information, as well as access to hundreds of presentations from BPF seminars.

10. **Member discounts**
Savings on numerous products and services, including a 58% discount on fees for the Climate Change Agreement, 50% discount on BPF website banners, discounts on services offered by Business Support Network members, discounts on BPF seminars and third party exhibitions as well as world leading international shows.
Events coming soon

**BPF Autumn Seminars**

- **Automotive**
  - 7 November 2018
- **Recycling**
  - 22 November 2018
- **Packaging**
  - 28 November 2018

**BPF Annual Dinner 2018**

- **BPF Annual Dinner (Members only)**
  - 11 October 2018
  - London Lancaster Hotel
  - Over 500 guests
  - Do not miss out on the excellent networking opportunity

**Foreign Plastics Exhibitions**

- **Plastindia 2018**
  - 7-12 February 2018, Ahmedabad, Gujarat, India
  - BPF coordinated British Pavilion
- **Trade Mission to India and Plastindia 2018**
  - 7 – 12 February 2018, Ahmedabad, India
  - Opportunity to visit the market and promote your products on a dedicated stand
- **Chinaplas 2018**
  - 24-27 April 2018, Shanghai, China
  - DIT grant of £2,500 available to eligible UK exhibitors
  - BPF coordinated British Pavilion
- **PLAST 2018**
  - 29 May-1 June, Milan, Italy
- **Plastpol 2018**
  - 22-25 May, Kielce, Poland
- **K 2019**
  - 16-23 Oct 2019, Dusseldorf, Germany
  - BPF Coordinated British Pavilion

**Book online at** www.bpfevents.co.uk
President’s Report

From my election as BPF’s president in May 2017 I had the intention to use my term of office to ensure that issues key to the industry ‘on the ground’ receive the attention they deserve.

My principal concern has been the challenge of developing the right calibre of staff and the negative press plastics have unfortunately received, now over a sustained period, may arguably make the situation worse. But the skills topic is one where I feel the BPF can make a really positive impact. This year the BPF’s Council approved a budget that allowed for an extra executive to be recruited with skills and education as their primary focus. A dedicated resource in this area should enable our industry and training organisations to interact more effectively and increase the flow of new talent into and across the plastics sector.

In 2017 we built on the promising work being done through the Polymer Ambassadors programme with the creation of a new website, CareerZone, which was launched at Interplas. It aims to guide young people into the industry by explaining the rewarding career paths in plastics and highlighting the benefits of working in the industry. It is illustrated by case studies of individuals, including some members of the BPF Council, alongside younger, up-and-coming staff who are making names for themselves. I am grateful for the financial support of the Worshipful Company of Horners’ to help us deliver this useful resource.

BPF research has identified that 11% of our workforce – at all levels – are non-UK EU citizens. These highly valued staff members need clarity on their future and companies need to be able to plan, which is another challenge our industry faces as key questions surrounding Brexit remain unanswered for now.

On Brexit, the BPF has firmly established itself as the essential reference point for the plastics industry and for government. We have had a high level of dialogue with UK government and civil servants from the Department for Business, Energy and Industrial Strategy (BEIS), the Department for International Trade (DIT) and the Department for Exiting the EU (DEXEU) have attended meetings of our Council and Brexit Task Force. The latter has helped guide a number of activities that have facilitated our engagement with the government and I am grateful to past-president Mike Boswell for chairing it. A key achievement was the agreement of a common position on Brexit with the European Plastics Processors Association, reflecting the common interest and activities of companies on both sides of the Channel.

A major strength of the BPF has always been its market-facing activities. Towards the end of the year these were extended further with the creation of an Automotive Forum with the aim of strengthening the UK supply chain and its capacity for innovation further. Jaguar Land Rover, Aston Martin, Ford and Honda have already expressed an interest.

I was delighted to open the Interplas exhibition at the NEC in September 2017 and I am pleased to see it gathering strength as a showcase for the UK plastics industry. Whilst our BPF Business Conditions Surveys revealed subdued investment intentions in mid-2017, largely the result of business uncertainty arising from Brexit, I am pleased to report there are now strong signs that investment is firming.

A highlight of the year is our BPF Council meeting at the Bank of England, where we were able to debate the economic trends in our industry with senior Bank of England staff.

CareerZone aims to guide young people into the industry by explaining the rewarding career paths in plastics and highlighting the benefits of working in the industry.
It took place on 12 July 2017 and all Council members were able to contribute from their sectoral perspectives. Peter Andrews, the Bank’s Agent for Greater London, who has played a key role in facilitating these meetings, is retiring from the Bank in 2018 and I would like to extend my personal thanks and very best wishes for a long and happy retirement to him.

The BPF’s Annual Dinner, always a terrific industry networking event, was again the largest ever and another great success featuring a hugely entertaining and interactive appearance from John Sergeant. At the event, it was also my great pleasure to award the BPF’s Gold Medal for services to the industry to the long-standing chairperson of our Central Expert Committee on Fire Safety to Dr Christine Lukas of Dow Chemicals. Her advice on the BPF’s handling of the Grenfell Tower tragedy and a whole series of other high-profile fires over the years make this award very well deserved.

As the year drew to a close, intense media and government interest focused on plastics litter in the seas and the role of ‘single use plastics’. The BPF has always taken a responsible leadership position on this subject and for several years has implemented ‘Operation Clean Sweep’, an international pellet loss prevention programme. We now have more adherents to this than any other nation in Europe. I urge those of you who haven’t already signed up to do so as soon as possible as an essential contribution to our industry’s reputation. This gave us the credibility to successfully institute a Marine Litter Platform, involving customers including blue-chip brands, at the end of the year. The opportunity to promote the responsible use of plastic, improve waste collection and recycling infrastructure is welcome. Some of the media’s focus on blaming the incredibly versatile material rather than the behaviour and system inadequacies that lead to its uncontrolled leakage to the environment, less so.

The media storm in late 2017 occasioned BPF representatives to take part in six television interviews in December alone. The number of pointed, direct enquiries from the national press massively intensified and the BPF’s work in nurturing relationships with key journalists to ensure that our messages are heard is an essential benefit for the industry. The BPF staff involved are doing a great job for us during an unprecedented challenging period.

Finally, a big thank you to all BPF staff and Council members for helping to deliver such a broad programme in support of our industry and to my predecessor, David Hall, both for his own very successful presidency and for handing on such a solid foundation. Also, a word of thanks to our honorary treasurer of five years, Paul Jukes, who is retiring both from his role and from the Federation. He has been a great supporter of the BPF for many years. We are grateful to him for helping us bring the BPF’s finances to their current strong situation.

These are difficult times, but I am certain we have the skills, ideas and drive in place to ensure that the UK plastics industry retains and continues to develop its position as a global leader.

Bruce Margetts
BPF President
BPF membership grew once more in 2017 and we welcomed some 28 new members to the fold. Several factors combined to maintain the momentum. Heightened public and political pressure on the industry, particularly on waste management, and the uncertainties caused by Brexit pointed to the value and real need for a strong voice for the industry. Companies saw that their quest to exploit export opportunities on the back of a relatively low currency and their desire to seek new markets in anticipation of possible future trade deals independent of the EU, were facilitated by the BPF’s overseas trade work. In both areas of plastics and the environment as well as Brexit, the BPF is in pole position as the accepted reference point and source of knowledge for both government and the plastics industry.

The BPF’s profile increased substantially during 2017. In the latter half of 2016 we hired a head of communications as well as a new marketing executive. Their endeavours, together with activities of other staff and the enduring emphasis on plastics within the media, have seen BPF references in the press increase to over 500 across the year. In December alone, BPF representatives appeared on national television six times. All this is supported by the absolutely indispensable day to day work of our executives in their respective areas.

The BPF’s global reach expanded further in 2017. We exhibited at Plastivision, Mumbai, 19-23 January, at Chinaplas in Guangzhou, May 16-19, and at Plastimagen in Mexico City, November 7-10. In the UK we had a major stand at Interplas which took place 26-28 September at the NEC, Birmingham.

The BPF maintained its role at the centre of a formidable international plastics industry network. It continued its close partnership with PlasticsEurope and a leadership position within EuPC, both invaluable as the EU further developed its Plastics Strategy and as other issues such as the potential REACH reassessment of Titanium Dioxide proceeded. The BPF was also very active within EUROMAP, representing machinery manufacturers, TEPFFA on pipes, EPPA on windows and EUMEPS on EPS. Within the UK, our central position in the top tier of UK national associations for the key UK manufacturing industries was reinforced by our membership of the CBI, the EEF co-ordinated Manufacturing Forum, the Construction Products Association, the Packaging Federation and, for machinery interests, EAMA. We also enjoy the support of The Worshipful Company of Horners, the City Livery Company covering the plastics industry, with whom we organise the world’s oldest plastics design and innovation award.

Combined with our powerful BPF website, the second most widely read website for plastics in the English language, I am convinced that no other national trade association for plastics does as much as the BPF to promote its industry internationally and domestically.

Brexit was and is a very key issue. We organised a well-attended Brexit seminar on 17 November 2017, exploring the Brexit implications for the EU’s REACH Regulation. We also published a highly original document analysing the extent to which the plastics industry is reliant upon EU workers for both temporary and permanent positions, which has been much quoted by an array of authorities, including the government. We also researched and published an in-depth trade flow analysis of plastics, plastic products, machinery and plastic waste. These were both well received by our contacts at BEIS, DIT and DExEU, and representatives from these government departments have attended meetings of BPF’s Brexit-related documents visit: http://www.bpf.co.uk/eu/home.

Plastics in the seas was also a major issue growing in importance throughout 2017. We anticipated this and prepared the industry by using Interplas to launch informative posters for manufacturing facilities as well as launching a new website: www.marinelitterthefacts.com. This activity was supported by a corresponding and innovative video which promoted the recyclability of plastics. It has had over 44,000 views on YouTube. It was unveiled at our BPF Annual Dinner.

BPF’s desire to set a progressive agenda for plastics was manifested by two of our environmental innovations winning awards, RecoMed and RecoCard, for the recycling of hospital face masks and gift cards respectively. Both projects were developed in the frame of the PVC industry’s VinylPlus programme.

We were the first plastics industry organisation outside North America to implement Operation Clean Sweep, an initiative to prevent pellet loss from manufacturing companies, and in 2017 we had a greater proportion of our UK Industry signed up to it than any other European country. Our recently published PIRAP (Plastics Industry Recycling Action Plan) study documents an impressive record of plastics recycling achieved in the UK, a valuable
corrective to the narrative current in some media circles.

The tragedy of the Grenfell Tower Fire of 14 June carries implications for the whole of the building and housing industries. The BPF’s rapidly mobilised Fire Safety Committee has, through the Construction Products Association, fed into the ‘Industry Response Group’ and provided the authorities with key information about the fire-performance properties of particular plastics and participated in a wider dialogue with other stakeholders in the construction sector.

The safety of our manufacturing plants is a major BPF priority. It is most critical to our reputation. I am delighted to say that our Health and Safety Committee has been a pacesetter, globally, in conjunction with the HSE, in publishing guidance for safety in the rotational molding industry.

Skills remain a major issue for the plastics industry and attracting new talent is further threatened by the negative public profile of plastics. To help us address this challenge, the BPF Council agreed to provide the funding of a new resource dedicated to education and skills. Towards the end of the year we commissioned a consultancy review of current training provision in the industry, together with possibilities for future development by the BPF. As a statement of our resolve we launched a website promoting careers in the plastics industry — CareerZone — at Interplas.

The BPF is in great shape financially with all monies dedicated to providing membership benefits. We have many developmental possibilities to help foster emerging sectors of the UK plastics industry as well as the evolving needs of existing BPF business groups. We are also exploiting the possibilities of BPF House to their limits with a focus on creating additional meeting and office space.

Several deep thanks are due. Firstly, to Bruce Margetts for his magnificent support as President in trying times, to David Hall for the completion of two years of an excellent presidency and to Paul Jukes for his extremely skilled and good-humoured stewardship of the BPF’s finances as Honorary Treasurer for five distinguished years.

Finally, little would have been possible without the valiant performance of the BPF staff. 2017 was most certainly a difficult year where their skills were tested to the extreme and I do thank them for their steadfast devotion and loyalty to the cause of the British Plastics Federation.

Philip Law
BPF Director General
Membership Services

Over the course of the year the BPF recruited 28 new members, these members joined numerous groups within the BPF including equipment, masterbatch, packaging, recycling, moulding, pipes and the Business Support Network.

Over the course of 2017 the BPF continued to develop its portfolio of membership services and create new ones. These included the creation of the BPF Automotive Group, work on the establishment of a Marine Litter Platform and the development of an online tool to download legal documents.

BPF Automotive Forum
The BPF Automotive Forum was established to bring together the entire plastics industry supply chain to promote and support the use of plastics in the UK automotive industry, enable collaboration between the various sectors, share and discuss technological advancements and provide access to information, educational tools and networking opportunities.

The group includes recyclers, materials providers, processors and six automotive majors. The first meeting of the group took place in December and at the meeting Ian Ray of Jaguar Land Rover was voted on as Chair of the Group. More meetings of the group are set to take place in 2018.

CareerZone
During Interplas, the BPF launched a brand new tool aimed at attracting individuals into the industry and enabling current workers to easily upskill. CareerZone was supported by the Worshipful Company of Horners and features career pathways (an interactive tool that features over 40 plastic-specific roles and the skills required to do them), information on finding a job as well as a comprehensive breakdown of the post graduate and short courses available in the industry (many of which are provided by members of the BPF).

newmembers.co.uk

Website Investment
One of the core ways the BPF continues to promote its members’ products and services is through its website. Over the course of 2017, the BPF invested further in the website to significantly refresh the look and feel of the site (see page 15 for more info). The investment paid dividends and the traffic continues to climb, which helps the BPF promote our members to a wider and wider audience.

New Members 2017
Aeroplas (UK)
A S T Plastic Containers UK
B & M Longworth (Edgeworth)
Brett Martin
Colourmaster/NIP
EFI Systems
Euro-Exim
Fraser Anti-Static Techniques
HP Inc
Impact Laboratories
Kongskilde U.K.
Liquitherm Technologies Group
Malton Plastics (UK)
Muller UK & Ireland Group
Polypearl
Quantum Opus Business Solutions
Renmar Plastics Machinery
Ridat Company
Safic Alcan UK
Sika
SIRG UK
Synergy Plastics
Tuffa UK
UK Extrusion
Vision Petlon Polymers
Walki
Wincanton
XPS Foam

The BPF Automotive Forum was established in 2017

Unique website visitors, 2010–2017

<table>
<thead>
<tr>
<th>Year</th>
<th>Visitors</th>
</tr>
</thead>
<tbody>
<tr>
<td>2010</td>
<td>688,747</td>
</tr>
<tr>
<td>2011</td>
<td>769,922</td>
</tr>
<tr>
<td>2012</td>
<td>886,407</td>
</tr>
<tr>
<td>2013</td>
<td>924,832</td>
</tr>
<tr>
<td>2014</td>
<td>1,057,014</td>
</tr>
<tr>
<td>2015</td>
<td>1,052,309</td>
</tr>
<tr>
<td>2016</td>
<td>1,185,274</td>
</tr>
<tr>
<td>2017</td>
<td>1,233,962</td>
</tr>
</tbody>
</table>

Stephen Hunt
Membership Services Director
020 7457 5044
shunt@bpf.co.uk

Membership services in numbers

1082 Sales leads sent direct to members
94 Meetings of members
28 New members joined
12 Free exclusive member-only webinars
141 Webinar participants
Finance & Administration

The BPF continued to perform well in 2017, again showing an increase in revenue streams whilst keeping control on costs.

The BPF’s total income for 2017 grew to £2,593,514 (2016: £2,421,096), as growth strategies culminated in successes in most areas including income from new membership, events, web advertising and increases in meeting room usage.

The year of 2017 was both exciting and challenging as the headline initiatives of 2016 (the bringing “in-house” of the UK’s plastics sector Climate Change Agreement and the addition of the members of The Packaging and Films Association) were consolidated into the BPF’s operations.

Administrative expenses at £2,524,220 rose by £136,810 over 2016 with “offset” costs relating to EU projects and events being effectively compensated for by a subsequent increase in income in those areas. Our commitment to the investments in staff and infrastructure continued. All in all, a stable and controlled operating cost base was again the order of the day.

The financial outcome in this year reflects yet another satisfying result for the federation, generating a surplus after tax of £37,176 (2016: £20,398) and a continued strengthening of the organisation’s balance sheet and reserves.

In summary, an exceptional year for the federation with increased revenues facilitating investment in both our core activities as well as the 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 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). Controls have been further strengthened with the implementation of a new purchase order system and also overall security ensured with a newly formalised staff handbook, disaster recovery plan and risk register.

BPF House

The long-term programme of investment in BPF House continued as we improved booking and entry systems and a shared CCTV security system for the main Bath Place courtyard.

We were delighted to accommodate much-valued long term tenants, TEN, as they signed a new lease. We were able to convert dead storage space into “state-of-the-art” offices for them whilst successfully procuring new tenants for their old office space. Both tenants are securely on long term leases, ensuring continuity and a healthy income stream.

Following a successful advertising campaign, catering and meeting room hire income rose by an impressive 23.9% and our meeting room and catering facilities continued to yield high satisfaction ratings. Much of the success of this is down to our excellent in-house caterers, Sue and Chris, who continue to provide a fantastic offering of food at prices that really are the best deal in town! In addition to this, significant discounts are available to members, giving phenomenal value for a London city venue.

Finally, I am delighted to once again report that we maintained our 5-Star Rating after Hackney Council food inspectors assessed our catering and kitchen facilities.

![Meeting room hire rose successfully in 2017](image)

In 2017 the plastics industry has been in the political spotlight and the BPF has worked tirelessly to ensure the benefits of plastics and the needs of the industry are well understood in parliament. To achieve that, the BPF met with several MPs, MSPs and civil servants to discuss issues around circular economy, industrial strategy, Brexit and even a potential ‘plastic tax’ as a way of reducing the impacts of irresponsibly discarded plastics.

**Scottish Parliamentary Reception**

Acknowledging the influence and the importance of Scotland in the wider political landscape, the BPF, alongside PlasticsEurope, hosted ‘Plastics: Challenges and Opportunities in a Circular Economy’ at the Scottish Parliament on 1 March. The event was supported by Angus MacDonald MSP and Paul Wheelhouse, MSP for Business Innovation and Skills, who emphasised how Scotland “recognises the benefits of a circular economy approach”.

**Cross Departmental Influence**

Despite a failed snap election for the current government and some ministerial changes, different departments have placed a stronger focus on our industry and some of its products.

The Department for Business, Energy and Industrial Strategy (BEIS) launched the government’s new Industrial Strategy where plastics, as a key enabler employing more than 170,000 people in the country, was seen as a key sector to deliver this.

The Department for Environment, Food and Rural Affairs (Defra) saw Michael Gove MP taking over the role of Environment Minister, replacing Andrea Leadsom MP. The new minister declared his intention to reduce the impacts of plastic waste and the BPF vowed to support his aims. As such, an industry roundtable was hosted at BPF House in December with the Secretary of State. The meeting gathered key stakeholders from across the supply chain and analysed actions to be taken forward to reduce waste and increase recycling rates.

Similarly, HM Treasury announced the intention to gather evidence to explore how changes to the tax system or charges could be used to reduce the amount of single-use plastics waste. BPF held a number of meetings with civil servants in the department to ensure they were in possession of the best information available to help them formulate the call for evidence.

**Industrial Affairs**

The BPF, alongside PlasticsEurope and Recoup, shaped the direction of our initiative Plastics Industry Recycling Action Plan (PIRAP) with more than 60 companies from across the supply chain lending their support to the plan. Potential improvements in areas such as bottle recycling, design for recyclability and end markets were explored.

Marine litter continues to have significant visibility in the media, which has resulted in an increasing appetite for national and global initiatives dedicated to addressing the issue. Working in partnership with brands and retailers, the BPF paved the way to form a Marine Litter Platform, which will coordinate actions to reduce marine litter in 2018.

Lastly, the chemicals debate carried on in 2017 with substances such as TiO2, phthalates, Bisphenol A and DEHP being under scrutiny. The BPF continued collecting information and briefing members through well-attended workshops exclusive for its members.
The BPF Brexit Taskforce is a group of senior staff members from across the plastics industry. The group has been established to help steer the BPF’s response to Brexit and to provide advice to the BPF as it guides the plastics industry through this important issue. The taskforce is Chaired by Mike Boswell, former BPF president and Managing Director of Plastribution and features representatives from the full spectrum of the plastics industry.

During 2017 the BPF has represented the industry with regards to Brexit, engaging regularly with all relevant government departments (representatives of the Department for Exiting the European Union, Department for Business, Energy and Industrial Strategy and Department for International Trade attended BPF Council meetings) which took the opportunity to engage with the plastics industry and listen to its concerns about how Brexit will affect the sector.

In addition to this, the BPF ran two highly successful seminars based around Brexit, firstly ‘Brexit and the Plastics Industry’ and later in the year ‘Brexit and REACH: A Hazardous Mix?’

The BPF has also published several documents highlighting the priorities of the plastics industry in the Brexit process and how Brexit will affect the industry.

The BPF ‘Strengthening the Workforce’ document highlights the important role that EU workers play in the UK plastics sector, including a breakdown of their roles and how the composition of workers varies significantly between temporary and permanent staff.

The BPF ‘Understanding Plastics Trade’ document takes an in-depth look at plastics imports and exports, highlighting the main trade partners for the plastics industry around the globe.

www.bpf.co.uk/eu
Media Engagement

Last year the BPF increased its capacity within the communications team and this has proved a wise decision. Throughout 2017, media attention on plastics has steadily increased and the BPF has received media enquiries on an almost weekly basis, with a notable increase in requests for TV and radio interviews.

The BPF’s updated website (with a dedicated area for the media), the unique data presented in the BPF’s three Brexit-related documents and featuring in an increasing number of national press outlets have all helped to further raise the profile of the BPF and to establish it as the point of contact for comment on all plastics-related issues.

The BPF issued over 50 press releases and statements throughout 2017. This activity resulted in the BPF being mentioned in over 595 online news articles, 62 print articles and 22 TV and radio shows. The end of the year was particularly busy, with media attention increasing in October and the prime minister’s announcement about a consultation into single-use plastics in November. As a result, in the final quarter of the year alone, the BPF was cited in just under 300 news items.

The BPF’s investment in this area is paying off, with 75 direct enquiries from journalists in 2017. These are typically requests for comment on particular topics or to supply plastics-related information or data. In December, the BPF was particularly popular, making 6 appearances on TV and radio. Throughout the course of the year, BPF staff and representatives took part in interviews or panel discussions on BBC Radio Teesside, Sky News, ITV news, BBC Radio 2, BBC Radio 4 and BBC Radio 5 Live.

The BPF continues to develop relationships with key journalists and editors, which involves numerous impromptu phone calls and responding to last-minute requests on a variety of topics. We have also met with high-profile journalists from the national media and will be continuing these activities in the coming year.

With the increasing amount of public and media interest in plastics, the BPF expects media activities in 2018 to intensify further. But we will continue to act as the voice of the UK plastics industry and working to make sure that voice is as loud as possible.

Average mentions in the news per month

<table>
<thead>
<tr>
<th>Year</th>
<th>Mentions</th>
</tr>
</thead>
<tbody>
<tr>
<td>2016</td>
<td>26</td>
</tr>
<tr>
<td>2017</td>
<td>50</td>
</tr>
</tbody>
</table>
In 2017 the BPF used its website and social media channels to reach an audience of hundreds of thousands – promoting events, webinars, trade shows, infographics, quizzes, news, opinion pieces, sustainability projects, education campaigns, plastic facts and awards.

The website received a facelift – relaunched with a modern and easy to navigate layout, with a homepage banner showing important BPF projects and BPF news featured prominently.

Social media followers grew across every channel, with Twitter passing the 8,000 mark. LinkedIn grew to over 2,400 followers, and every social media page was updated with new “positive plastic benefits” branding.

The year’s “top tweet” promoted a Brexit meeting (with Andrew Bridgen MP at Plastribution), receiving 6,254 impressions.

Articles now include large images, Twitter, Facebook and LinkedIn ‘share’ buttons, as well as newsfeed and banner adverts (special discounts available for BPF members). As a result of promotional activities, BPF articles received 10,000 more views than the previous year.

The benefits of plastic packaging and recycling were promoted to the public. A YouTube video, ‘Kevin’s Multiple Lives’, achieved over 44,000 views. A set of fun quizzes, infographics and fact sheets were created and made available on polymerzone.co.uk to explain key facts to the public.

CareerZone (plasticcareers.co.uk) was launched in September, with a promotional campaign launched at Interplas. It has achieved over 1,000 views a month since its launch, and the BPF has plans to promote this further in 2018.

As well as this activity, a constant stream of webinars were run to engage members with important topics ranging from data protection, crisis communications, rotational moulding technology, injection moulding and others.

All in all, 2017 saw the BPF’s digital presence grow significantly in reach, as well as improve in the ever-important aesthetics.
Events 2017

BPF Health and Safety Seminar
28 March
The 2017 programme kicked off with an exploration of health and safety topics of importance to the industry. Taking place at the County Ground in Northampton, in the heart of the Midlands, the event covered subjects ranging from manual handling and occupational health to maintenance access.

BPF Rotational Moulding Seminar 2017 – Innovation
9 May
Over 90 attendees came to Worcester for a full day on innovations in the rotational moulding industry. The event featured technical presentations on topics including military applications, innovative materials and colour and special effects.

Advancing Plastics in the Circular Economy
29 June
The second of our new topics for our 2017 seminar programme explored how to integrate plastics into a circular economy. The event featured presentations from companies including Luxus, Wrap and Procter and Gamble, and looked into the circular economy in automotive applications and reusable packaging.

Industry 4.0 – Plastics and the New Industrial Revolution
6 June
New for the 2017 programme, 'Industry 4.0' looked to tackle new developments in manufacturing technology that have the potential to affect every aspect of the industry. The event examined what the limitations of Industry 4.0 currently are and the possibilities that it provides for the immediate and long-term future.

Brexit and the Plastics Industry
5 July
Another new event for 2017, the BPF Brexit seminar gave companies an insight into how Brexit will affect the industry. This crucial issue attracted a large audience of plastics manufacturers and featured presentations on export, the legal aspects of Brexit and currency prices.
Plastics in Automotive Applications
9 November
Over 50 attendees visited the beautiful JLR facility in Castle Bromwich for this one-day event. Topics included light-weighting, electric vehicles and what impact autonomous vehicles will have on our industry.

Brexit and REACH: A Hazardous Mix?
16 November
The impact Brexit will have on REACH legislation is an issue of deep concern for the plastics industry. This well attended event looked to examine how companies can ensure that they are prepared for what the future may bring.

Thermoplastic Composites 2017
5 October
This joint event with Composites UK looked at how to grow the UK affordable thermoplastic composites market. The seminar attracted an audience from across the UK plastics industry to BPF house in London, and featured expert speakers from Nissan, NCC and Engel, amongst others.

Recycling the Unrecyclable
23 November
The return of the BPF ‘Recycling the Unrecyclable event’ brought nearly 70 attendees to London for a seminar which showcased innovation in recycling as well as best practice from Scandinavia and from local government. The event also included a panel debate on the impact of the new Chinese recycling rules.

The Future of Plastics Packaging
30 November
The last seminar in the BPF events programme for 2017, the BPF ‘Future of Plastics Packaging’ conference explored themes including marine litter, reusable PET bottles and consumer perspectives on plastics packaging. Nearly 50 plastics packaging producers took part in this annual event that attracted speakers from the Co-op, Logoplaste and the Science Media Centre.
The British Plastics Federation celebrated its 84th Annual Dinner on 12 October, returning to the Royal Lancaster London Hotel.

The BPF welcomed a record number of plastics industry movers and shakers in 2017. The dinner was kindly sponsored by LG Energy, RPC, Chemson, K 2019, Plastrution, RJG, Sharpak, Staübli, GovGrant, Listgrove and BPF Energy. The dinner guests were entertained throughout the evening by music from the Hannah Marie Quintet.

The after-dinner speaker was John Sergeant. John gave the assembled audience an insight into his time at the political coalface. He took questions from the crowd at the end of his speech, giving his insight on the modern political scene and how he managed to avoid the ‘Curse of Strictly’.

BPF Director General Philip Law had earlier welcomed guests to the event before announcing the runner-up of the Horners Award for Plastics Innovation and Design, which went to Phytotonics for their new hydroponic growing system. Philip ended his speech with the announcement of the runner-up and winner of the BPF Energy Award, which were Palram and Epwin Group respectively.

BPF President Bruce Margetts also spoke to the audience and took the opportunity to announce the winner of the BPF gold medal for 2017, Dr Christine Lukas.

The Annual Dinner in 2017 proved to be a great success. The BPF looks forward to welcoming the industry back to the Royal Lancaster London for the 2018 Annual Dinner, taking place on 11 October.
No. 1 website in Europe for plastics

1.7 million page views per year

- A top source of information for the entire plastics industry.
- On the first page of Google for a large range of plastic-related terms.
- Features plastics news, encyclopedia, events, member areas, educational materials, and popular plastics directory.
- For opportunities to advertise across the site visit www.bpf.co.uk/mediapack
BPF Groups

Central Expert Committees

- Sustainability
- Fire Safety
- Product Safety
- Skills & Education
- Health & Safety
Plastics and Flexible Packaging Group

CHAIR
Dr Helene Roberts
Klöckner Pentaplast

Plastic packaging continued to attract significant media, government and public attention in 2017 both in the UK and abroad. The BBC’s Blue Planet II was 2017’s most watched TV show in the UK and featured distressing scenes related to plastic. DEFRA published the first Litter Strategy for England and conducted a call for evidence on a Deposit Return Scheme (DRS). The London Assembly and the Environmental Audit Committee examined on-the-go plastic packaging – specifically bottled water and Philip Hammond, Chancellor of the Exchequer, announced a call for evidence on how taxes or other charges on single-use plastics could reduce plastic in the ocean. The Welsh Assembly considered their own plastic tax and debated a DRS and a ban on polystyrene and Scotland announced plans to implement a DRS. The EU announced their Plastic Strategy and a consultation on single-use plastic, while the United Nations also signalled global action on single use plastic. The Ellen MacArthur Foundation launched a $2 million innovation design prize and published their strategy for plastic in a circular economy.

The BPF engaged well with mainstream media in 2017 and produced exciting new external facing materials. These were well received and reached new audiences. We engaged with an increasing number of media outlets, including over 30 written responses or original articles and many TV and radio appearances. We engaged with government officials, ministers, brands, retailers and other trade bodies to shape the direction of future policy on recycling, sustainability and litter. We put forward important proposals on how these policy objectives should be achieved and ensured the benefits of plastic packaging were clearly communicated. With a busy 2018 ahead of us, we continue to inform policy, ensure the achievements of the industry are heard and shape effective action on recycling and litter.

Group Achievements
- Launch of new communications material on plastic in the ocean and sustainability (‘Marine Litter: The Facts’ website, staff posters, video and FAQs). Excellent feedback from members and external stakeholders. 11,000 page views, and reached over 7,000 people on LinkedIn.
- Increased engagement with mainstream media (BBC, The Times, Daily Mail, etc), including a live debate on Sky News following the launch of Sky’s Ocean Rescue.
- Provided evidence for DEFRA, HM Treasury, the Environmental Audit Committee, WRAP and the London Assembly regarding on-the-go food and drink consumption and litter.
- Productive meetings with Cabinet Secretary for Energy, Planning and Rural Affairs in Wales and Secretary of State for Environment, Food and Rural Affairs in Westminster.
- Coordinated government officials visiting leading conversion companies and experimental new recycling technologies.
- A partnership of BPF, Incpen, FDA and Alupro organise packaging recovery notes (PRN) roundtable event with retailers and brands led by Lord Deben to agree principles of PRN reform.
- UK plastic packaging recycling reached 45% in 2016. The UK became the 7th in Europe for plastic packaging recycling. The UK now diverts 78% of plastic packaging from landfill.
- In response to increasing concern about the harmful effects of marine litter and plastic recycling performance the BPF proposed to UK government:
  1. That the UK will strive to divert all plastic packaging and single-use items from landfill by 2030 and adopt a series of measures to improve packaging recycling levels to achieve the very highest levels in Europe.
  2. The development and launch in 2018 of a marine litter platform to identify solutions that would lead to reduced leakage of litter into the marine environment.

To enable this the BPF proposed:
1. Revisions and extension of the existing producer responsibility system.
2. The development of design tools with more emphasis on end of life including leakage into the wider environment.
3. More consistent collection of kerbside material and on-the-go litter.
4. Further support and development of UK plastic recycling.

New communications materials: “How can we stop plastic entering the ocean?” and “Why is plastics the sustainable choice?” posters for members
Recycling Group

CHAIR
Roger Baynham
Philip Tyler Polymers Ltd

The group launched their latest strategy at the beginning of 2017. This listed key proposals to help drive up UK plastics recycling including a split PRN/PERN target, quality standards for plastic feedstock, creation of an investment fund for developing new technologies and the introduction of recycled procurement for all public bodies and large corporate companies. This strategy has been disseminated to DEFRA and across the industry.

The group continued their collaboration with the Plastics Industry Recycling Action Plan (PIRAP) which gained 13 new supporters in 2017. A key issue during last year was the restrictions on the import of certain plastics to China. Members provided feedback on this to government and have highlighted the opportunity this presents to invest in UK infrastructure.

The group have been exploring a template fire prevention plan with the Environment Agency. They have also worked with the Environment Agency to tackle waste crime by providing a new reporting system to report illegal activity in the sector.

The group continued to stress the importance of using recycled content in new products whilst dealing with issues such as legacy additives.

In November the group held their annual recycling seminar. This included a panel debate on the restrictions in China and presentations on innovative new technologies and practices within the industry.

The year ended with significant media attention on the restrictions in China and group members were interviewed as part of this. The group plans to build on this media engagement with more positive messages on plastic recycling.
issued articles appeared in 28 individual publications, reaching an estimated audience of over 500,000.

The group aim of a focal point for communication with external stakeholders was enhanced by the development of new guidance documents. The hot and cold guidance and underfloor heating guidance were updated to a new format and new guidance for district heating was produced. The group also produced a series of technical notes to aid specifiers and users of plastic piping systems in pressure and non-pressure applications.

Representation on standards bodies is a key role for the Pipes Group. In 2017, 22 Pipes Group members were actively involved in standards representation across BSI, CEN and ISO. The group hosted the European committee TC/155 (plastic piping systems and ducting systems) plenary meeting in a highly successful meeting at Windsor.

The work of the Pipes Group is supported by 7 working groups, each representing a different application and chaired by a representative from a member company. Working groups decide their own objectives, taking a strategic view on matters of collective significance. In 2018 these will include looking at the development of emerging applications for plastic piping systems such as district heating, geocellular SUDS systems and large diameter pipes.
BPF Groups

Vinyls Group

CHAIR
Roger Mottram
INOVYN

The BPF Vinyls Group continued with its commitments to the voluntary VinylPlus commitment, with members helping to contribute to another record year for PVC recycling across Europe. Again, members helped ensure that the UK is VinylPlus’ second largest contributor, behind only Germany.

The PVC medical recycling project RecoMed continued its success, bringing in a record number of hospitals and exponentially increasing its total recycled content to the equivalent of nearly 80,000 PVC mask and tube sets. These achievements were set against a backdrop of continued promotion of PVC’s sustainability and recyclability credentials. The group continued this messaging with its Designing in a Circular Economy with PVC project, aimed at engaging and teaching the design community about the benefits of PVC specification. With an ever-growing focus on sustainability and urban development at both UN and EU level, it is vital that the group continues to highlight how PVC products contribute to a truly circular economy.

2017 also saw the triennial PVC Brighton Conference take place, bringing in record numbers of delegates with heavy involvement of BPF Vinyls Group members. Closer integration with our European counterparts also began in 2017 and will continue into 2018 through VinylPlus, helping provide continued support for this sector at European level even after Brexit.

Polymer Suppliers Group

The BPF Polymer Suppliers Group represents the interests of plastics raw materials producers in the UK. Members of this group are involved in almost every element of the BPF activity, as their interests in plastics are so substantial, crossing every application and issue.

KEY ACHIEVEMENTS

- Record hospital sign ups to RecoMed
- Engaging new sectors such as the Design community
- Closer integration with VinylPlus

KEY ACHIEVEMENTS

- BPF Brexit Taskforce participation
- Regulatory development monitoring
- Continued engagement with other BPF Groups

As a major part of the raw materials sector, legislative developments are a key priority for the group, namely European regulations such as REACH and rules around legacy additives (including continued recycling). With a potentially changing regulatory landscape due to our European Union exit, members of this group represent it within the BPF’s Brexit Taskforce, who continue to highlight priorities for the BPF at government level on issues regarding Brexit.
Polymer Distributors & Compounders Group

CHAIR
Mike Boswell
Plastribution

The Polymer Distributors & Compounders Group provides an authoritative platform for the raw materials sector of the industry, helping address key issues and also analysing important market data.

As the group contains key distributors within our industry, Brexit continued to be at the forefront of the group’s focus throughout 2017. The group’s chair, Mike Boswell, also heads up the BPF Brexit Taskforce and this meant that the group continued to be aware of any developments regarding this issue.

The group also continued its support for the Polymer Study Tours, which serve to help attract future talent to the industry through the education of teachers about the industry. This shows their continued commitment to helping to address the growing skills gap within the industry and also misinformation often given to teachers about plastics and our industry. Furthermore, members of the group gave key input into the development of the CareerZone initiative, helping to ensure the content is useful and relevant.

As distributors of raw material, 2017 saw even more members sign up to Operation Clean Sweep, a voluntary commitment aimed at tackling raw material loss into the ocean, showing their sustainability commitments.

As trade and price are key to members of the group, it continued focusing on analytics on raw materials and fraud. Through participation in an Experian Credit Circle, the group increases vigilance within the distribution market, whilst the annual group surveys help the sector to better understand trends within the market.

KEY ACHIEVEMENTS

- Continued gold sponsorship of the Polymer Study Tours
- Operation Clean Sweep support
- Continued market data analysis
Masterbatch & Technical Compounds Group

**CHAIR**
Russell Livesey
Colloids

The Masterbatch & Technical Compounds Group continues to provide a strong platform for UK colour and additives masterbatch manufacturers & suppliers to promote the role of colour in plastic products.

Education and skills was a key focus during 2017, continuing on from 2016. The first half of the year saw the implementation of the government’s Apprenticeship Levy, designed to increase apprenticeship numbers across the UK. Levy paying members of the group were impacted, but there were also implications for non-levy paying members. As a result of this, the Education & Skills Committee’s CareerZone launch was a major focus for the group, who provided feedback on the initiative. Regulatory issues continued to be another area of focus for the group. The potential for change post-Brexit and the uncertainty surrounding it, meant that the group continued to engage on this topic and help the BPF in understanding member’s concerns and desires post-2019. Titanium dioxide, a widely-used chemical in the sector, and its proposed reclassification at EU level again meant continued engagement for the group, through a BPF survey and input into the impact for their sector.

Additive Suppliers Group

**CHAIR**
Steve Quinn
West & Senior

The BPF Additive Suppliers Group continues to provide a unique platform to promote the essential function and importance of additives in plastics products.

2017 saw a continued focus on the regulatory landscape of the UK post-Brexit. The group’s Chairman and executive continued to participate in important stakeholder meetings with government departments, including DEFRA, BEIS and HSE. This was to help clarify the future chemicals market in the UK and to ensure that the plastics industry voice was heard. REACH, for example, has been a major EU regulation since 2006 and compliance with it is necessary for continued export with our largest trading partner in this sector (the EU).

The close relationship with the BPF’s Additives Suppliers Group continued, with a joint meeting between them held during the summer. Furthermore, participation in the Additives-led titanium dioxide forum in December 2017 also showed their continued shared interests in regulatory issues.
Membership of the BPF Moulders and Specialist Processors Group brings with it many benefits, including benchmarking studies, H&S guidance, sales, networking opportunities, and exclusive access to European bodies.

In 2017, the group held two factory tours at The Stewart Plastics and Pentagon Plastics. These events gave attendees the opportunity to learn about the businesses approach and marketing strategies. The tours also included presentations covering topics such as robotic automation, skills and the BPF’s H&S initiative SIMPL (Safety in Manufacturing Plastics).

Also in 2017, the BPF announced the creation of an automotive forum, a platform for car manufacturers, plastics processors, recyclers, material and equipment suppliers to promote the use of plastics in the UK automotive industry, enable collaboration between the various sectors and to provide access to information, educational tools and networking opportunities. The first meeting took place in December and attendees included representatives for Aston Martin, Honda, JCB, Essentra Components, Big Bear, WHS, Axion Polymers, Engel, Covestro and Lyondell Bassell. Ian Ray of Jaguar Land Rover was elected as group chair, a role that he will keep for one year before handing it over to a representative of a different industrial sector.

Lastly, the group undertook a benchmarking survey that allowed members to gain a clearer view of the industry. The results are first seen by participants of the survey but available to the wider membership at the beginning of the following year.

The Stewart Plastics Factory Tour
David de Leyser, HSE Advisor of Owen Mumford, said: “It is refreshing to see a company whose manufacturing processes are market led rather than manufacturing led, responding to seasonal demands in such an effective way using both rotational and injection moulding processes. Excellent time spent networking with other BPF members quite aside from personal CPD”.

Pentagon Plastics factory tour
Gabby Day, Communication Manager of Pentagon Plastics, talking about ABB’s presentation, said: “Whilst machines should be renewed and updated as a key area of investment, it is ultimately essential to have the skilled staff to operate them with advanced levels of processing knowledge to see a return on investment. Such an ethos should be encouraged by management teams”.

Composites Group
The BPF’s Composites Group represents the interests of the composites industry in the UK with government, NGOs and the media by participating, through the BPF, in trade shows such as PDMA, K, Engineering Design and Advanced Engineering Show.

In October 2017, the group hosted a seminar on thermoplastic composites examining the current role of thermoplastic composites and its potential for expansion. The event was co-hosted by Composites UK and provided insightful case studies looking at how to make thermoplastics a success in the real world.

KEY ACHIEVEMENTS

The Stewart Plastics’ factory tour
Pentagon Plastics’ factory tour
Launch of the BPF Automotive Forum
BPF Groups

Expanded Polystyrene Group

CHAIR
David Emes

The BPF Expanded Polystyrene (EPS) Group represents the majority of the UK industry leaders in EPS. The group consists of the EPS manufacturers of shape moulded products (including packaging) and the National Blown Bead Association (NBBA) which represents the approved system holders and suppliers of EPS blown bead for cavity wall insulation and provides authoritative and reliable information about the performance of the material.

2017 was a significant year full of achievements for the EPS Group.

Circular Economy was and continues to be the centre of all the activities. The group launched a project in collaboration with the European partners with the aim of tracking the waste management systems currently in place, and identifying areas for improvement. This project was a success in engaging a wide variety of stakeholders across the value chain.

At European level, 2018 will be another exciting and challenging year. EPS Group agreed to support an EPS sustainable development project in Spain titled EPS Sure together with CICLOPLAST as coordinator, and other partners such as ANAPE, COEXPAN, El Corte Inglés and TOTAL.

Rotational Moulding Group

CHAIR
Philip Maddox
Leafield Environmental

The BPF Rotational Moulding Group represents and promotes the interests of all those involved in the rotational moulding process – moulders, material suppliers, machinery and ancillary equipment manufacturers and service providers.

During 2017, the group worked to promote innovation within the industry whilst exploring new technical developments. Its activity included the organisation of a very successful seminar on innovation which had over 80 attendees from UK and abroad.

Following on from the seminar and to help the industry close the skills shortage gap, the group investigated opportunities for training and development through a series of webinars. The first webinar was ‘An introduction to rotomoulding through a glass mould: making everything clear’ and was presented by Dr Gareth McDowell of 493K.

Similarly, the group continued to promote safety awareness through sharing new SIMPL and HSE documents as well as producing the first rotational moulding H&S guidance in the world. The guidance has been approved by the HSE and it is now undergoing the endorsement process.

The group also worked on raising its profile by engaging with designers, education establishments and end users. In addition, the group increased significantly its contribution to ARMO’s newsletter and magazine maximising its visibility outside the UK.

As part of this strategy, six new case studies showing excellence in the sector were produced over the course of 2017 and shared on all BPF channels, including LinkedIn, where the BPF rotational moulding group has over 800 followers.

KEY ACHIEVEMENTS

- Hosted a fully booked seminar on innovation
- Rotational Moulding H&S guidance put forward for HSE’s endorsement
- Strengthened relationship with the HSE
- Hosted 2 rotational moulding webinars

Sara Cammarano
Senior Industrial Issues Executive
020 7457 5013
scammarano@bpf.co.uk

Sara Cammarano
Senior Industrial Issues Executive
020 7457 5013
scammarano@bpf.co.uk

Aria Heidarian
Industrial Issues Executive
020 7457 5033
aheidarian@bpf.co.uk

Aria Heidarian
Industrial Issues Executive
020 7457 5033
aheidarian@bpf.co.uk

With two new members the group represents now more than 80% of the UK EPS industry.

Launching and developing the EPS and Circular Economy project to help maximise recycling opportunities.

Successfully engaging the blown bead industry with third-party accreditation agencies and government officials to improve standards for both products and services.
**KEY ACHIEVEMENTS**

- Successfully developed product data sheet for PVC-U windows fire safety standards
- Welcomed new member to the group
- Provided technical expertise and support to the European PVC Window Profile and related Building Products Association (EPPA)

The group agreed to coordinate more closely with the European PVC Window Profile and related Building Products Association (EPPA) by providing technical support and contributing in publishing a generic Environmental Product Declaration (EPDs) for PVC-U windows, as well as joining the EPPA regulatory experts working group. In 2018, the group will turn its focus towards PVC sustainable development by cooperating with VinylPlus and supporting their extensive communication projects.
Sheet and Coated Fabrics Group

The Sheet and Coated Fabrics Group represents the interests of manufacturers of plastic products ranging from resilient flooring and furniture to building components. Members of this group cooperate to maintain the high standards of the sector.

In 2017, the group continued to support the activity of VinylPlus through the BPF’s Vinyls Group to meet their ambitious targets on sustainability. In addition, members of the group are involved in many elements of BPF activity such as regulatory changes, Brexit and skills and education.

Equipment Group

The BPF’s Plastics and Rubber Equipment Group members are manufacturers and suppliers of processing machinery, ancillary equipment, components & instrumentation, post processing machinery, manufacturing process software, testing equipment and more.

The group is growing year on year with new member companies joining. By the end of 2017 the group was formed of 43 Members. The majority of the machinery suppliers participate in UK and foreign exhibitions, where they explore first-hand the market opportunities. Those who are not physically present at events where the BPF has a stand can be assured that they are being represented through the BPF Members Directory, which we distribute at every event we participate in.

Industrial Plastics Welding and Fabrication Group (IPWAF)

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’.

As a member of the BPF Equipment Group I have been involved in a number of areas and networking events. One of them is the BPF’s Industrial Health & Safety Committee, under which I am proud to say Billion UK has sponsored a training video on Injection Moulding Health & Safety (see www.bpftraining.com)

PETE KIRKHAM, MD, BILLION UK LTD

The aim of the group is to foster a high level of professionalism in the area of the design, product development, manufacturing, marketing and sales activities of its member firms and the wider industrial plastics fabrication and welding industry in the UK.
Why work in the plastics industry?

Career pathways

Guide to training

Case studies

Find a job

A BPF initiative supported by The Worshipful Company of Horners
The BPF Education & Skills Committee is the authoritative reference point for assessing the UK plastics industry’s future skills requirements, whilst promoting the flow into the industry of personnel through polymer education.

The major development during 2017 was the launch of CareerZone, an online portal for students, graduates and employers to help give an understanding of what a career in the plastics industry looks like. Additionally, visitors to the site can find where to go for appropriate training and upskilling of staff; how careers can progress and case studies of those in industry providing feedback of their experience. The initiative was met with positive feedback across membership following its Interplas launch, and will continue to be refined and improved throughout 2018.

The Polymer Ambassador Scheme continued following its 2016 inception, designed at educating and promoting the industry to future generations. Teaming up with Cogent’s SIP Ambassador programme, the scheme now has 54 ambassadors visiting schools with their Olly’s Cool Box of Plastics kit.

The Polymer Apprentice of the Year Award also continued on from 2016, building on the number of applicants with a high calibre of finalists. This resulted in two joint runner ups behind the eventual winner, demonstrating the strong applications from apprentices within our industry.

**KEY ACHIEVEMENTS**
- Polymer Apprentice of the Year Award 2017
- Launch of CareerZone initiative
- Polymer Ambassador Scheme

**Polymer Apprentice of the Year Award 2017 winner, Oliver Marsh**
Sustainability Committee

CHAIR
Jason Leadbitter
INOVYN

The Sustainability Committee consolidated their work from 2016 and released key documents promoting plastics as a sustainable material of choice for various applications. The committee now have their own website page setting out their vision and linking to relevant tools and documents.

One of the aims of the committee is to promote the benefits plastics offer in terms of sustainability. Therefore, a sustainability page was added to the website listing the benefits and providing information on projects the BPF run or support which reduce the environmental impact of plastics.

At the beginning of the year the Ellen MacArthur Foundation released a report ‘The New Plastics Economy: Catalysing Action’. The committee responded to this report highlighting that packaging types should be chosen based on their ability to carry out their function and each type should be looked at from a life cycle assessment (LCA) perspective.

To help provide a benchmark for sustainability work taking place by members the committee have put together a sustainability survey. This will be released during 2018 and repeated to review progress.

The committee has continued to learn from sectors within the industry exploring how this can be replicated more widely. This included work within the pipes industry on Environmental Product Declarations (EPD). They have also been exploring the Sustainability Development Goals and looking at how the plastics industry can contribute to these.

The committee are looking forward to their first sustainability seminar in 2018.

Operation Clean Sweep® (OCS)

Microplastics received a lot of media attention during 2017. There was also a European Consultation on options to reduce releases to the environment of microplastics and a UK call for evidence on other sources of microplastics entering the marine environment.

At the beginning of 2017 an OCS webinar took place which provided practical advice on setting up OCS. This was the most attended webinar the BPF have had.

Following the webinar, the first site visit took place with 10 members visiting Logoplaste to take the opportunity to learn from their experience of implementing OCS.

Case studies were added to the OCS website which provided a useful resource to help companies setting up Operation Clean Sweep.

During 2017, 31 companies signed up, bringing the total at the end of the year to 95 positioning the UK as best-in-class in Europe.

To find out more about Operation Clean Sweep®, please visit www.operationcleansweep.co.uk

KEY ACHIEVEMENTS

Launch of Sustainability Committee website page and page highlighting the sustainability benefits of plastics

Key documents produced highlighting sustainable credential of plastics

Best practice sharing between sectors of the industry

Helen Jordan
Sustainability Issues Executive
020 7457 5015
hjordan@bpf.co.uk
Industrial Health and Safety Committee and Safety in Manufacturing Plastics (SIMPL)

CHAIR
Alan Brown
RPC

The BPF is a vital source of information on health and safety issues related to the plastics sector and through its Industrial Health and Safety Committee (IHSC) is committed to help its members achieve the highest standards in health and safety.

In March 2017, the BPF organised a fully booked H&S seminar that explored the most common H&S issues faced by the plastic industry including manual handling, maintenance access and occupational health. The BPF also presented the results of its annual accident survey, now in its 21st year, showing that BPF members reduced the number of accidents in the workplace for the sixth consecutive year.

Also in 2017, the BPF produced a training video on how to safely operate an injection moulding machine which was kindly sponsored by Billion UK. The training module is available for free to members on the BPF eLearning platform and it can be requested with subtitles in other languages.

Similarly, the BPF’s IHSC continued to be one of the driving forces behind SIMPL (Safety In Manufacturing Plastics) which is now entering its 7th year with a completely new plan to comply with the new HSE’s manufacturing sector strategy.

In addition, the BPF opened its online H&S support service to non-members to ensure H&S guidance is available to everyone.

KEY ACHIEVEMENTS

- Working with the HSE to define the new manufacturing sector strategy
- New SIMPL strategy
- Reduced number of accidents for 6th consecutive year
- More than 100 members signed up to SIMPL

Expert Committees
Product Safety Committee

CHAIR
Chris Howick
INOVYN

The Product Safety Committee provides a forum for members to access advice and guidance in relation to developments within legislation affecting the use of plastics in articles.

Key topics for this committee include: REACH Regulation; food contact materials regulations; CLP Regulation and plastics in toys.

With the REACH 2018 registration deadline looming, the committee continued to provide analysis and monitoring of REACH, including developments with key chemicals for the industry. Titanium dioxide and its proposed reclassification continues to have serious implications for the plastics industry, with the product safety committee providing resource and expertise to assist the BPF's advocacy work on this subject.

Fire Safety Committee

CHAIR
Christine Lukas
DOW Chemicals

The Fire Safety Committee continues to act as a key advisor to the Federation in responding to enquiries relating to the safety of plastics in fires and the fire performance of plastics and their additives.

2017 saw a major development within the committee's work in the form of the Grenfell Tower fire tragedy during the summer. Following on from this, the Government announced not only an official inquiry into the tragedy, but also a review into the building regulations and associated approved documents. The committee worked to input into the building regulations review, as well as writing to the inquiry requesting participation. The committee, through work with the Construction Products Association (CPA) will continue to assist the inquiry and also respond to developments within the building regulations review during 2018.

The committee also saw its long serving chairwoman, Christine Lukas, awarded with the BPF gold medal for her work in this sector of the industry. A thoroughly deserved acknowledgement that highlights not only the importance but also the strength of the committee's work.

Brexit also showed potential obstacles for this sector, as uncertainty around the future of the UK's chemical regulatory landscape meant that members were looking for additional expertise and information on this subject. This culminated in a REACH and Brexit seminar hosted by the committee's chair, Chris Howick. It provided an opportunity to assess the regulatory but also potential business impact of Brexit, including an analysis of a worst-case 'no deal' scenario.

Key Achievements

- Continued monitoring of regulatory developments
- Key chemical developments
- Brexit & REACH seminar
Overseas Business Development

**Plastivision 2017**

**Mumbai, India 19-23.01.2017**

The BPF co-ordinated the British Pavilion of exhibitors at India’s most important plastics exhibition in 2017: Plastivision. The show takes place every three years and attracted over 1,200 exhibitors and 100,000 visitors. The majority of the UK exhibitors received a DIT’s TAP grant of £2,500.

British Pavilion exhibitors:
- Almo / ADDmix
- Astropol
- British Plastics Federation
- Buhler Sortex
- Colourpol
- Farrel Pomini
- Fraser Antistatic
- Meech International
- Nextek
- PREA Ltd
- Vanden Recycling

**Chinaplas 2017**

**Guangzhou, China 16-19.05.2017**

In 2017, BPF led the largest British Pavilion at Chinplas to date. Chinaplas is the world largest annual plastics exhibition covering 26 halls and featuring 3,485 exhibitors and 155,258 visitors.

The British Pavilion exhibitors:
- The Aerogen Company
- Ashe Converting Equipment
- Atlas Converting Equipment
- B&M Longworth
- Boston Matthews/Munchy
- British Plastics Federation
- Ceramic
- Euro Exim
- FPE Global
- Fraser Antistatic Techniques
- Meech International
- Nextool (UK) Ltd
- Rapidflame
- Ray Ran

**Plastimagen 2017**

**Mexico City, Mexico 07-10.11.2017**

The BPF coordinated the British Pavilion at the 21st edition of Plastimagen, which featured 13 international pavilions with 840 exhibitors and 32,202 visitors from 39 countries.

British Pavilion exhibitors:
- B & M
- Longworth (Edgworth) Ltd
- CCS Technology Ltd
- Corona Supplies Ltd
- Meech International
- Nextool (UK) Ltd
- Rapidflame Ltd
- British Plastics Federation

The British Plastics Federation together with DIT Mexico organised a welcome dinner after the first day of the exhibition for the British exhibitors, the majority of whom were supported by DIT’s TAP grant of £2,500.

“Good sales contacts, plus more with those with whom we collaborate to promote sales throughout Mexico.”

FRED PRATT, CCS TECHNOLOGY
Business Support Network

Justyna Elliott
Senior Business Development Executive
020 7457 5001
jelliott@bpf.co.uk

Business Support Network

From process and product development, pensions advice, energy procurement and legal advice to insurance, training, recruitment, R&D tax returns and more, the BPF associate members help BPF members with their advice and expertise.

In 2017, the BPF led a group of BSN members to participate at the Interplas exhibition.

I wanted to say thank you for the opportunity to have the UL stand as part of the BPF’s BSN area and access to the hospitality including tea / coffee, etc. This was the first time we’ve had a booth at Interplas and we collected more than 60 leads, many from people and companies we’d never met before, so we consider this a success.

STEPHEN STREET,
UL UNDERWRITERS LABORATORIES

KEY ACHIEVEMENT

BPF led a BSN pavilion at Interplas 2017 – the key UK plastics exhibition
BPF Energy are pleased to report a very successful year for the plastic sector Climate Change Agreement (CCA) schemes.

The start of 2017 saw us welcome to our remit the management of the Packaging and Industrial film (PIFA) CCA scheme. In total we now have well over 400 facility agreements, allowing a coherent voice when lobbying government on energy policy and reporting.

During the first half of 2017, our primary objective was to ensure the success of Target Period 2 (2015-2016) data reporting to the Environment Agency. We are pleased to report that both sector agreements performed well against target, achieving an actual improvement of 24.358% for the Plastic sector and 12.541% for the Packaging sector against their respective baselines. This is a great success for both sectors.

Climate Change Levy (energy tax) savings totaled £17,528,552 with 157,425 tonnes of carbon saved.

Congratulations go to the 2017 BPF Energy Award winner, Specialist Building Products, Telford and runners up Palram DPL, Newton Aycliffe for best-improved energy efficiency.

This year our seminar events focused on using technology to reduce your energy costs and CO2 emissions, as well as our popular energy management masterclass with Dr. Robin Kent.

We closed the year with the launch of our new online reporting system for the CCA scheme. Participants can now report data and track their performance against target on a monthly basis.

<table>
<thead>
<tr>
<th>Plastic Sector CCA schemes – 2017 headline figures</th>
<th>Plastic CCA (BPF Energy)</th>
<th>Packaging &amp; Industrial Film (PIFA)</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of participating facilities</td>
<td>350</td>
<td>75</td>
<td>425</td>
</tr>
<tr>
<td>Climate Change Levy (energy tax) savings</td>
<td>£14,327,134</td>
<td>£3,201,418</td>
<td>£17,528,552</td>
</tr>
<tr>
<td>Tonnes of Carbon saved</td>
<td>98,748</td>
<td>58,677</td>
<td>157,425</td>
</tr>
</tbody>
</table>
Horners Awards

The Horners Award for Plastics Design and Innovation

The winner of the Horners Award for Design and Innovation was announced at Interplas. The winning entry TickleFlex, an insulin injection aid, was invented by Type 1 diabetic Peter Bailey of TickleTEC Ltd. TickleFlex assists insulin-dependent diabetics who self-administer insulin. It fits onto existing needles and is designed to minimise both the pain of injection and the human error that sometimes occurs.

The Horners Bottlemakers Award

The Horners Bottlemakers Award for 2017 was awarded to First Editions Ltd for their use of digital printing to decorate LDPE sports water bottles. Their digital process allows high quality full colour printing to be fully applied around the bottle including on non-flat areas such as shoulders and handle areas which cannot be reached using conventional methods.

Polymer Apprentice of the Year Award

Oliver Marsh of MGB Plastics (Britain’s largest manufacturer of wheelie bins) was Polymer Apprentice of the Year 2017. Oliver took a leadership role in numerous improvement projects, showing great ingenuity, and achieving substantial cost savings. Tom Fletcher of Polypipe Civils, showing great determination in learning new disciplines, and Tom Rayson of RPC Containers Limited, Market Rasen, demonstrating great technical acumen, both were awarded runner-up prizes.
Members of the BPF

Additives Suppliers

AddMaster UK Ltd
Americhem Ltd
Aquapurge
Astropol Ltd
Baerlocher UK Ltd
BASF
Chemson Ltd
Colloids Ltd
ColorMatrix
ColourMaster
Corcoran Chemicals UK Ltd
Covestro
DOW Plastics Additives Ltd
Eastman Company UK Ltd
eChem Ltd
EPI Europe Ltd
ExxonMobil Chemical Ltd
Gabriel-Chemie UK Ltd
Grolman Ltd
 Hydra Technologies
IKA UK Ltd
IMCD UK
Kronos Ltd
LKAB Minerals Ltd
Lysis Technologies
Mitsui & Co UK plc
Omya UK Ltd
Reagens Ltd
Salic-Alcan
Wells Plastics Ltd
West & Senior Ltd

Business Support Network

Corinthian Pension Consulting Limited
Croner
Edinburgh Napier University
Endeco Technologies
Impact Solutions Ltd
Interplas Events Ltd
Listgrove Ltd
Polymer Training & Innovation Centre
Punter Southall Health and Protection
RIG Technologies Ltd
Siemens Financial Services Ltd
Smithers Rapra & Smithers Pira Ltd
Solutions 4 Polymers Limited
Squire Patton Boggs
U L International (UK) Ltd
Willis Towers Watson Networks
Wincanton Plc
WMG, University of Warwick

Cellular PVC

Eurocell Profiles
General All Purpose Plastics (GAP)
Kestrel Building Products
Swish Building Products

Composites

Forbes Technologies Ltd
Gurit (UK) Ltd
Hygrade Industrial Plastics Ltd
Llewellyn Ryland Ltd
Solent Composite Systems Ltd

Equipment

ABB Ltd
Ametek (GB) Ltd
Billion UK Ltd
B & M Longworth (Edgeworth) Ltd
BOC Ltd
Boston Munchy Ltd
Buhler UK Ltd
Bunting Magnetics Europe Ltd
CCS Technology Ltd
Ceramicx
C R Clarke & Co (UK) Ltd
Engel UK Ltd
EPICOR Software (UK) Ltd
Farrel Ltd
Formech International Ltd
FPE Global Ltd
Fraser Anti-Static Techniques Ltd
Hi-Tech Automation Ltd
HP Printing & Computing
Instron Ltd
Intouch Monitoring Ltd
Isocool Limited
Kongsikilde U.K. Ltd
Mann & Hummel (UK) Ltd
Meech Static Eliminators Ltd
MSA Engineering Systems Ltd
NDC Infrared Engineering
Negri Bossi Ltd
Plastickytl Ltd
Proximity Enterprise Solutions Ltd
Quantum Opus Business Solutions Limited
Ray Ran Test Equipment Ltd
Renmar Plastics Machinery Ltd
Ridat Company
Saulbi UK
Summit Systems TAV Boomerang Plastics
The Aerogen Company Ltd
Thermoplaj UK Ltd
Tinus Olsen Ltd
UK Extrusion Ltd
Vecoplan Limited
Xtrutech Ltd
Zeppelin Systems Ltd

Expanded Polystyrene (EPS)

BASF
Bewi Styrochem
Chemtura
D S Smith
Kingspan
Moulded Foams
Peterhead Box
Polypearl
Springvale Insulation
Synthos Breda BV
Thulecraft
Total
Vita
Vita Cellular Foam (Kay-Metzeler)
XPS Foam

Flexible Foam Converters

Beasley Pillows
Comfortex
Duflex
Platt & Hill

Industrial Plastics Welding and Fabrication (IPWAF)

Advanced Plastic Technology

Masterbatch & Technical Compounds

A. Schulman Polymers
Abbey Masterbatch
AddMaster (UK) Ltd
AEI Compounds
Americhem Ltd
Broadway Colours Ltd
Colloids Ltd
ColorMatrix
ColourTone Masterbatch Ltd
Gabriel-Chemie UK Ltd
Hubron (International) Ltd
Performance Masterbatches Ltd
Plastiserve Ltd
Prisma Colour Ltd
Silvergate Plastics Ltd
Wells Plastics Ltd

NBBA

Polypearl
BASF
D S Smith
Energy Store
Moulded Foams
Polypearl
Sunpor
Synthos
Thermabead
Moulders and Specialist Processors

Aeroplas (UK) Ltd
Agentdraw Ltd
A K Industries Ltd
Algram Group Ltd
Antolin Interiors UK Limited
Armitage Shanks Ltd
A S T Plastic Containers UK
Avalon Plastics Ltd
Bemis Ltd
Bespak Europe Ltd
Big Bear Plastic Products Ltd
BNL (UK) Ltd
Bolton Plastic Components Ltd
Broanmain Limited
Champion Mouldings Ltd
C Tool & Mouldings Ltd
Craemer UK Ltd
Daniels Healthcare Ltd
Data Plastics Ltd
Denroy Plastics Limited
Desch Plantpak Ltd
Dubois Ltd
Eaton Automotive
Essentra Components Ltd
Euro Extrusion Limited
Fern Plastic Products Ltd
Flambeau Europlast Ltd
F L Plastics Ltd
Forteq (UK) Ltd
Frontier Plastics Ltd
Goodfish Ltd
Grupo Antolin Leamington Ltd
Hallam Plastics Ltd
Hellehmann Tyton
Hozelock Ltd
Husqvarna UK Ltd
Inpress Plastics Ltd
John McKenna Ltd
Johnstone Safety Products Ltd
Kasia UK Ltd
Keter UK Limited
Keter UK Ltd
Labone Castleside
Lettergold Plastics Ltd
Loadhog Ltd
Mainetti (UK) Ltd
Malton Plastics (UK) Ltd
McLaren Plastics Ltd
Measom Frer Ltd
Mecaplast
Melba Products Ltd
Mold Systems
Mollertech UK Ltd
Northern Ireland Plastics Ltd
Northpoint Limited
Numatic International Ltd
One51 ES Plastics (UK) Ltd
Owen Mumford Ltd
Oxford Plastic Systems Ltd
Peak Plastics Ltd
Peerless Plastics & Coatings
Pennine Manufacturing Ltd
Pentagon Plastics Ltd
Piolax Manufacturing
Plastic Engineering Solutions Ltd
Plastic Omnium Automotive Ltd
Polymermedics Ltd
Really Useful Products Ltd
RGE Engineering Ltd
Ricoh (UK) Products Ltd
Rutland Plastics Ltd
Shared Service Centre AP Team C
Sherwood Plastic Products Ltd
SMR Automotive Mirrors UK Ltd.
SPM Plastics Ltd (t/a UPG)
SPS (EU) Ltd
St. Davids Assemblies Ltd
Strata Products Ltd
Synergy Plastics Ltd
Taylor Engineering and Plastics Ltd
Tex Plastic Products Ltd
Thermo Fisher Scientific Ltd
Thumbs Up (Bury) Ltd
TS UK Ltd
V P Polymers Ltd
Warden Plastics
Weltonhurst Ltd
West Pharmaceutical Services
WHS Plastics Ltd
WSM Plastics Ltd
Zotefoams Plc

Plastics and Flexible Packaging

Aintree Plastics Ltd
Alfaplas Ltd
Alpaha UK Ltd
Amcor Flexibles UK Ltd
Anson Packaging Ltd
Bemis Healthcare Packaging
Bericap (UK) Ltd
Blowplast Ltd
Bostik Ltd
Brayford Plastics Ltd
British Polythene Ltd
Broadway Colours Ltd
BYK Gardner
Canyon Europe Ltd
Carmel Olefins (UK) Ltd
Cedo Ltd
Coveris UK Ltd
Cromwell Polythene Ltd
Dart Products Europe Ltd
Esterform Packaging Ltd
Eurofilm Extrusion Ltd
Faerch Plast Ltd
FPF Packaging Solutions Ltd
Frank Mercer & Sons Ltd
Futamura
Global Closure Systems
Graham Packaging Plastics Ltd
Highland Spring Ltd
I G Industries Plc
Innovia Films Ltd
Jubb UK Ltd
KM Packaging
LB Europe Ltd
LINPAC Packaging Ltd
Logoplaste UK Ltd
Macomans Ltd
Mauser UK
Marpak Extrusions Ltd
McBridge Ltd
Meadon Freer Ltd
M & H Plastics Ltd
Mondi Deeside & Nelson Ltd
Mondi Scunthorpe Ltd
Monro Ltd
Muller
Nampak Plastics Europe Ltd
Nolato Jaycare Ltd
Palagan
Parkside Flexible Packaging Ltd
Par-Pak Europe Ltd
Philips Avent Ltd
Plastek UK Ltd
Plastic Bottle Supplies Ltd
Plastic Products Ltd
Plastipak UK Ltd
Promens Packaging Ltd
Pulse Flexibles
Roberts Mart & Co Ltd
Robinson Plastic Packaging
RPC Containers Ltd
RPC M & H Plastics Ltd
Schoeller Allibert
Sealed Air Ltd
Seevent Plastics Ltd
Sharpak Bridgewater Ltd
Silgan Closures (Portola Packaging)
Skymark Packaging Solutions
Spectra Packaging Solutions Ltd
Supreme Plastics Ltd
TCL Packaging
Tech Folien Ltd
TS UK Ltd
Tyler Packaging Ltd
Ultimate Packaging Ltd
United Closures and Plastics
Walki Ltd

Plastics and Packaging affiliate member

Dow Chemical Company Ltd
European Packaging Distributors Ltd
Flint Ink (UK) Ltd
Henkel Ltd
Interflex
ITS Testing Services UK Ltd
Mitsui & Co Europe Plc
Nexeo Solutions
Plastilims
PPS Recovery System
Pure-Flex Packaging Adhesives Ltd
Sappi Europe SA
Sun Chemical Ltd
Vow
Wrap Film Systems UK
Members of the BPF

**Pipes Group**
ACO Technologies plc
Asset International
Brett Martin
Durapipe UK
Geberit Sales
George Fischer Sales Ltd
GPS PE Pipe Systems
Hunter Plastics Ltd
Hydro International
John Guest Ltd
Marley Plumbing & Drainage
McAlpine & Co. Ltd
Polypipe Building Products
Polypipe Civils
Polypipe Terrain
Radius Systems Ltd
Rehau Ltd
SDS Ltd
Uponor Ltd
Wavin Ltd

**Polymer Distributors & Compounding**
4Plas
Albis UK Ltd
Bisterfield Petroplas
Distropol Ltd
Gazechim Plastics UK Ltd
Hardie Polymers Ltd
Helyar Plastics Ltd
HEXPOL TPE Ltd
Longfield Chemicals Ltd
Nexeo Solutions
Performance Plastics Ltd
Perrite - A Division of A. Schulman
Plastribution Ltd
Polydist UK Ltd
Resinex UK Ltd
Sumika Compounds (UK) Ltd
Ultrapolymer Ltd
Vision Petlon Polymers

**Polymer Suppliers**
Axion Polymers
Basell Polyolefins UK Ltd
Berwin Polymer Processing Group
Covestro
Dugdale Ltd
Floreon-Transforming Packaging Ltd
INOVYN ChlorVinyls Ltd
JSP International
Luxus Ltd
Mexichem Specialty Compounds
Plastic Technology Services
SABIC UK Ltd
Solvay Polymers Ltd
Vinnolit Ltd
Vinyl Compounds Ltd

**Recycling Group**
Axion Polymers
Biffa Polymers
Centreforce
Chase Plastics
Clean Tech
CL Rye Trading Ltd
Dalecubs
DS Smith Recycling
Ercodex
ELG Carbon Fibre Ltd
Euro Exim Limited
Impact Solutions Ltd
Jaylas
JFC Plastics
Kam Plastics Ltd
Luxus
MBA Polymers
Oxford Plastic Systems
Philip Tyler Polymers
Plasgran
Polymer Extrusion Technologies UK (LTD)
Polypipe
PPR Wipag
PVC Ltd
Imperia UK Ltd
RECOUP
Repro Plastics
Roydon Group PLC
RFC: BPI Recycling
SIRG UK Ltd
Vanden Recycling Ltd
VEKA Recycling
Veolia UK Ltd
Viridor
Wellman International
YS Reclamation

**Rotational Moulding**
493K Limited
ACO Technologies Plc
A. Schulman Gainsborough Ltd
Balmoral Tanks Ltd
Bioquell UK Ltd
Broadway Colours Ltd
Corilla Plastics
Crompton Moulding Ltd
Etilis Ltd
Europalite
Excelsior Roto Moulding Ltd
Gordon Ellis & Co
JFC Plastics Ltd
Jonesco (Preston) Ltd
JSC Rotational Ltd
Kingspan Environmental
Leafield Environmental Ltd
Lysis Technologies
Mailbox-Stamford Products Ltd
Matrix Polymers
Palm Equipment International Ltd
Persico SpA
Prisma Colour Ltd
Queen's University of Belfast
Rombold Ltd
Rotational Mouldings Ltd
Rototek Ltd
Trent Bank House Cons Ltd
Tuffa UK Ltd

**Sheet & Coated Fabrics**
Altro Floors
Fenner PLC
Palram UK
Polyflor
Tarkett

**Vinyls**
Altro Floors
Berwin Polymer Processing Group
BPEA
Chemson
DOW Plastic Additives
Dugdale Ltd
Eastman Company UK Ltd
ExxonMobil Chemical Ltd
GPS PE Pipe Systems
INOVYN ChlorVinyls Ltd
Polyflor Ltd
Polypipe Group
Renolit Cramlington Ltd
Solvay Polymers Ltd
Tarkett
UKRFA
Vinnolit Ltd
Wavin Plastics Ltd

**Windows**
Windows Group
Berwin Polymer Processing
Deceuninck
Duraflex
Epwin Group Plc
Eurocell Profiles
Halo
INOVYN ChlorVinyls Ltd
Lister Trade Frames
Mitsui and Co UK plc
Patio Master
Profile 22 Systems Ltd
Rehau
Renolit
Rohm and Haas
Sika
Snowdonia (Windows and Doors) Ltd
Specus Window Systems
Swish Windows and Doors
Synseal
Veka plc
Flexible Foam Research Limited (FFR Ltd)
Dr David Waite
administrator@dwaite.demon.co.uk
Flexible Foam Research Limited, established in 1984, carries out research and/or development on behalf of the UK manufacturers of polyurethane flexible foam, which if successful would be beneficial to the whole of the industry. It is also represents the UK polyurethane flexible foam industry in discussions with UK Government departments, standards agencies in the UK and Europe and other trade associations/representation bodies associated with flexible foam products both in the UK and Europe.

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.polymeransi.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.

PlasticsEurope 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
PMMDA
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
SPRA promotes the advancement of plastics, rubber and related materials, through education and training in the science, engineering and design associated with the manufacture, conversion and end-use of polymeric materials.

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 super-yachts – 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 2017

<table>
<thead>
<tr>
<th>Group</th>
<th>Chair / Representative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Additives Suppliers Group</td>
<td>Steve Quinn, West &amp; Senior</td>
</tr>
<tr>
<td>Cellular PVC Group</td>
<td>Dave Osborne, Swish Building Products</td>
</tr>
<tr>
<td>Composites Group</td>
<td></td>
</tr>
<tr>
<td>Equipment Group</td>
<td></td>
</tr>
<tr>
<td>Expanded Polystyrene Group (EPS/NBBA)</td>
<td>David Emes</td>
</tr>
<tr>
<td>Flexible Foam Converters Group</td>
<td></td>
</tr>
<tr>
<td>Industrial Plastics Welding and Fabrication Group (IPWAF)</td>
<td></td>
</tr>
<tr>
<td>Masterbatch &amp; Technical Compounds Group</td>
<td>Russell Livesey, Colloids</td>
</tr>
<tr>
<td>Moulders and Specialist Processors Group</td>
<td>Wilf Davis, Broanmain Limited</td>
</tr>
<tr>
<td>Packaging Group</td>
<td>Helene Roberts, Klöckner Pentaplast</td>
</tr>
<tr>
<td>Plastic Pipes Group (PPG)</td>
<td>Derek Muckle, Radius systems Ltd</td>
</tr>
<tr>
<td>Plastics and Rubber Equipment Group</td>
<td>Mike Boswell, Plastribution</td>
</tr>
<tr>
<td>Polymer Distributors and Compounders Group</td>
<td>Roger Baynham, Philip Tyler Polymers</td>
</tr>
<tr>
<td>Polymer Suppliers Group</td>
<td>Roger Mottram, Inovyn</td>
</tr>
<tr>
<td>Recycling Group</td>
<td>Jason Leadbitter, Inovyn</td>
</tr>
<tr>
<td>Rotational Moulding Group</td>
<td>Roger Mottram, Inovyn</td>
</tr>
<tr>
<td>Sheet and Coated Fabrics Group</td>
<td>Roger Mottram, Inovyn</td>
</tr>
<tr>
<td>Vinyls Group</td>
<td>Roger Mottram, Inovyn</td>
</tr>
<tr>
<td>Windows Group</td>
<td>Martin Althorpe, Epwin Group</td>
</tr>
</tbody>
</table>

### BPF Central Expert Committees

as of 31 December 2017

<table>
<thead>
<tr>
<th>Committee</th>
<th>Chair / Representative</th>
</tr>
</thead>
<tbody>
<tr>
<td>Education and Skills Committee</td>
<td>Gillian Doughty, RPC Superfos</td>
</tr>
<tr>
<td>Fire Safety Committee</td>
<td>Christine Lukas, DOW Chemicals</td>
</tr>
<tr>
<td>Industrial Health &amp; Safety Committee</td>
<td>Alan Brown, RPC</td>
</tr>
<tr>
<td>Product Safety Committee: REACH &amp; Regulatory Issues</td>
<td>Chris Howick, INOVYN</td>
</tr>
<tr>
<td>Sustainability Committee</td>
<td>Jason Leadbitter, INOVYN</td>
</tr>
</tbody>
</table>
The Council of the British Plastics Federation
as of 31 December 2017

PRESIDENT
Bruce Margetts
Bericap UK

IMMEDIATE PAST PRESIDENT
David Hall
Polypipe Group

POLYMER SUPPLIERS
David Hughes
Solvay Specialty Polymers UK

Kevin Jackson
Covestro UK

Mike Boswell
Plastribution

Steve Bright
Nexeo Solutions Plastics UK

ADDITIVES SUPPLIERS & SPECIALIST COMPOUNDERS
Andy Jones
Baerlocher UK

John Steadman
Aquapurge

Karen O’Dwyer
Gabriel-Chemie UK

PROCESSORS
Brent Nicholls
Wavin

Carl Reeve
Data Plastics

Martin Hitchin
Rehau

Colin Sarson
WHS Plastics

Huw Radley
Solent Composite Systems

Karen Drinkwater
JSC Rotational Moulding

Martin Althorpe
Epwin Group

Peter Law
Peak Plastics

Phil Maddox
Leafield Environmental

Stephen Mancey
Logoplasle

David Baker
RPC Group

Jeremy Hodson
Ultimate Packaging

EQUIPMENT
Chris Francis
Meech International

Mike Jordan
Summit Systems

RECYCLING
Roger Baynham
Philip Tyler Polymers

REPRESENTATIVES
Terry McCormack
PlasticsEurope (Basell UK)

HON. TREASURER
Paul F. Jukes

EX OFFICIO MEMBERS
Philip K. Law
Director-General

Darren Muir
Finance & Administration Director / Federation Secretary

Stephen Hunt
Membership Services Director
Senior Management

Darren Muir  
Finance & Administration Director  
020 7457 5000  
dmuir@bpf.co.uk

Rob Mills  
Head of Communications  
020 7457 5007  
rmills@bpf.co.uk

Francisco Morcillo  
Head of Public & Industrial Affairs  
020 7457 5037  
fmorcillo@bpf.co.uk

Justyna Elliott  
Senior Business Development Executive, Trade Shows, Equipment Group, Business Support Network  
020 7457 5001  
jelliott@bpf.co.uk

Julia Trew  
Plastic Pipes Group Standards Manager  
01793 326284  
jlaura.trew@bpfpipesgroup.com

Matthew Davies  
Senior Industrial Issues Executive, Product Safety, REACH, Fire Safety, Education & Skills, Raw Materials Groups, Vinlys Group  
020 7457 5048  /mdavies@bpf.co.uk

Rowena Schoo  
Industrial Issues Executive Plastics and Flexible Packaging Group  
020 7457 5043  /rschou@bpf.co.uk

Yolanda Starkie  
CCA Administration Manager  
01253 341492  
ystarkie@bpf.co.uk

Fozia Ghadiali  
PA to Director General  
+44 (0)20 7457 5003  /fghadiali@bpf.co.uk

David Emes  
EPS/NBBA Chairman  
020 7457 5006  
aledner@bpf.co.uk

David Thompsett  
EPS/NBBA Technical  

Paul Jervis  
Windows Technical  

Mandy Tyler  
Credit Controller  

Angella Ladner  
Finance Executive  
020 7457 5006  
aladner@bpf.co.uk

Carol Day  
BPF Pipes Group Secretary  
01932 343409  
secretary@bpfpipesgroup.com

Sue Cocks  
Catering  
+44 (0)20 7457 5023  
reception@bpf.co.uk
Where does the majority of marine litter actually come from?
What are the effective ways of tackling this issue?
Visit the website and take the quiz to find out how much you know about marine litter.