## Contents

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>Key Membership Benefits</td>
<td>2</td>
</tr>
<tr>
<td>President’s Report</td>
<td>4</td>
</tr>
<tr>
<td>Director-General’s Report</td>
<td>6</td>
</tr>
<tr>
<td>Public and Industrial Affairs</td>
<td>8</td>
</tr>
<tr>
<td>Finance and Administration</td>
<td>10</td>
</tr>
<tr>
<td>BPF and The Media</td>
<td>11</td>
</tr>
<tr>
<td>Website Overview</td>
<td>12</td>
</tr>
<tr>
<td>International Investment &amp; Trade</td>
<td>14</td>
</tr>
<tr>
<td>BPF Business Groups:</td>
<td>18</td>
</tr>
<tr>
<td>Raw Materials</td>
<td>18</td>
</tr>
<tr>
<td>Vinlys</td>
<td>20</td>
</tr>
<tr>
<td>Polyurethane Flexible Foam</td>
<td>21</td>
</tr>
<tr>
<td>Moulders &amp; Equipment</td>
<td>22</td>
</tr>
<tr>
<td>Packaging</td>
<td>23</td>
</tr>
<tr>
<td>Composites and EPS</td>
<td>24</td>
</tr>
<tr>
<td>Windows</td>
<td>25</td>
</tr>
<tr>
<td>Recycling</td>
<td>26</td>
</tr>
<tr>
<td>IPWAF &amp; Equipment</td>
<td>27</td>
</tr>
<tr>
<td>Plastic Pipes</td>
<td>28</td>
</tr>
<tr>
<td>BPF Central Expert Committees</td>
<td>29</td>
</tr>
<tr>
<td>Research &amp; Development Projects</td>
<td>31</td>
</tr>
<tr>
<td>BPF Energy Ltd</td>
<td>34</td>
</tr>
<tr>
<td>Knowledge Transfer Network</td>
<td>35</td>
</tr>
<tr>
<td>Business Support Network</td>
<td>36</td>
</tr>
<tr>
<td>The Horners’ Award</td>
<td>37</td>
</tr>
<tr>
<td>UK Events</td>
<td>38</td>
</tr>
<tr>
<td>BPF Seminars</td>
<td>39</td>
</tr>
<tr>
<td>Members</td>
<td>40</td>
</tr>
<tr>
<td>BPF Affiliates, Council and Staff</td>
<td>43</td>
</tr>
<tr>
<td>BPF Events 2013</td>
<td>44</td>
</tr>
</tbody>
</table>
About The British Plastics Federation

Established in 1933 the British Plastics Federation is the most powerful voice in the UK Plastics Industry and is composed of over 450 direct members and 1,600 affiliates across the Plastics Industry supply chain. Membership includes polymer producers and suppliers, additive manufacturers, plastics processors, recyclers, services providers, end users and machinery manufacturers.

The BPF promotes the interests of its members principally through its 19 Business Groups and 4 BPF Central Expert Committees which address industry wide concerns including Environment, Fire & Safety, Product Safety and Industrial Health & Safety.

10 Key Membership Benefits

1 Stronger Together
The BPF offers members the unique opportunity to share experience and resolve industry issues through unified action. Furthermore, members can participate in exclusive member-only networking events including seminars, meet the buyers events, group meetings and the Annual Dinner.

2 Lobbying and Representation
Members of the Federation influence the UK Plastics Industry’s strategic direction at all levels from overall policy to standards making as the BPF is one of the largest and most effective lobbying bodies in the European manufacturing sector.

3 A Global Network
The BPF is at the centre of the global plastics community, leading British participation at international trade shows, developing links with sister organisations around the globe and playing a pivotal role in influencing EU policy makers.

4 Plastics Market Intelligence
Members can gain instant access to detailed plastics market intelligence including polymer pricing, international trade data (for around 100 countries), lists of global agents & distributors, over 700 papers delivered at BPF seminars and contact lists of the global plastics press. All this is available 24 hours a day through the password protected ‘Members Only’ area of BPF Online.

5 Legislative Guidance and Technical Materials Advice
All members receive regular updates on all legislative issues covering the Plastics Industry, reducing the need for organisations to hire specialist consultants. All members also receive access to 17 in-house experts giving companies on the spot advice on technical issues relating to all aspects of the industry.

The BPF employs 17 SPECIALIST STAFF and engages a number of consultants to meet the needs of the membership.

The BPF COUNCIL OF MEMBERS supervises the Federation’s activity, and is made up of 25 senior-level representatives elected from the membership.

Location of Polymer Companies

Scotland 9%
North West 12%
Yorkshire & Humberside 10%
East Midlands 10%
West Midlands 12%
East England 10%
Wales 4%
South West 9%
South East 12%
Northern Ireland 4%
North East 5%
London 5%
Scotland 9%
North West 12%
Yorkshire & Humberside 10%
East Midlands 10%
West Midlands 12%
East England 10%
Wales 4%
South West 9%
South East 12%
Northern Ireland 4%
North East 5%
London 5%
Scotland 9%
North West 12%
Yorkshire & Humberside 10%
East Midlands 10%
West Midlands 12%
East England 10%
Wales 4%
South West 9%
South East 12%
Northern Ireland 4%
North East 5%
London 5%
Fortnightly Newsletter
A fortnightly newsletter keeps members up to date with legislation, technology, process developments and industry news.

Business Promotion
Membership of the BPF offers companies an enhanced shop window for their products and services, dramatically improved traffic to their website as well as sales leads delivered direct to their desktops.

BPF Buyers Guides
Known in the industry as the ‘blue bibles’, the BPF Buyers’ Guides have for the last 30 years helped companies source reputable suppliers from across the Plastics Industry. The BPF distribute around 8,000 Guides via trade shows, seminars and web downloads each year. All guides can be downloaded at www.bpfbuyersguides.co.uk

Free Legal Counsel
Instant access 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 Legal.

Member Discounts
Substantial savings including a 50% discount on the fees for the Climate Change Agreement and reduced cost at BPF Seminars and international Trade Shows.

Members can also benefit from special offers provided by members of the Business Support Network as alongside specially negotiated discounts on hundreds of products and services.

The BPF remains **NOT FOR PROFIT** and all income is ultimately directed to support the UK plastics sector’s aims and objectives.

<table>
<thead>
<tr>
<th>UK Plastics Industry: Key Facts</th>
</tr>
</thead>
<tbody>
<tr>
<td>Material processed</td>
</tr>
<tr>
<td>4.8 million tonnes</td>
</tr>
<tr>
<td>Plastics materials produced</td>
</tr>
<tr>
<td>2.5 million tonnes</td>
</tr>
<tr>
<td>Plastics Industry turnover</td>
</tr>
<tr>
<td>£19 billion</td>
</tr>
<tr>
<td>Processor sales turnover</td>
</tr>
<tr>
<td>£13.1 billion</td>
</tr>
<tr>
<td>Value of exports</td>
</tr>
<tr>
<td>£6.7 billion</td>
</tr>
<tr>
<td>Plastic &amp; plastics products exported</td>
</tr>
<tr>
<td>35%</td>
</tr>
<tr>
<td>People employed</td>
</tr>
<tr>
<td>180,000</td>
</tr>
<tr>
<td>Number of primary processors</td>
</tr>
<tr>
<td>3,000</td>
</tr>
<tr>
<td>Companies in the Plastics Industry</td>
</tr>
<tr>
<td>7,500</td>
</tr>
</tbody>
</table>

---

3,000
President’s Report

K growth was sluggish and disappointing in 2012, as the economy laboured under the effects of turmoil in the Euro Zone and Government continued to wrestle with the deficit. At home, ‘drought’ was followed by rain and then flooding but in spite of the miserable summer weather, our spirits were raised by the Queen’s Jubilee celebrations and the highly successful London 2012 Olympics. I was proud to be the 55th BPF President in the 60 years of Her Majesty’s reign.

The UK Plastics Industry: a strategic manufacturing sector
The theme for my Presidency has been ‘Our Sustainable Plastics Industry: A Strategic Asset in our Manufacturing Economy.’ To place the Plastics Industry at the centre of the debate over the future direction of manufacturing in this country, we published a BPF discussion document in April, ‘The UK Plastics Industry: A Strategic Manufacturing Sector.’ This set out the way in which the UK Plastics industry has assumed a fundamental role at the heart of UK manufacturing which, if given support in national policy making, can benefit the UK economy in terms of job creation, exports and addressing key public policy issues.

Mark Prisk MP, then Minister at the Department for Business, Innovation and Skills (BIS), gave the initiative his strong support and wrote in his foreword: “The report highlights the key role that plastics perform across almost all business sectors. Plastics are essential to enabling our advanced manufacturing sectors including aerospace, automotive, energy generation and healthcare. But they are also equally important in packaging and double glazing. The list is endless.” The Minister also used this opportunity to acknowledge “the dedication and effort that the British Plastics Federation makes on behalf of its members and the industry.”

Our discussion document made a direct appeal to Government for action, listing eight key issues which must be addressed to achieve growth:

- Skills shortages are of concern; BPF research shows it is difficult to recruit apprentices, supervisory staff and technical managers. Our educational system is not producing the quantity and quality of candidates to meet industry’s needs
- More Government financial support is needed to facilitate exports
- We are concerned about the long term trend of relocating raw material manufacturing away from Western Europe and have supported calls for Government to create an Office of Resource Management
- Legislation and taxation on the Plastics Industry must be kept to a minimum to encourage growth and competitiveness
- Government must fast track new replacement energy generation capacity, including energy from waste, and increase gas storage to replace the 20% of power capacity being closed by 2020
- Government should recognise the uniqueness and strategic importance of the UK Plastics Industry and the benefits of technological innovation it brings across a range of sectors
- Government should work with the industry to promote the benefits of plastics products and encourage investment
- The industry and Government should work together to intensify research and development of plastics.

The document opened up other avenues to influence and inform. Last year, we discussed it with three major banks, to make the case for the potential of our industry as a sector that they should support and to which they should direct investment. I was also delighted that many of our member companies invited their Member of Parliament to visit them and discuss the document, with very positive results.

We have also discussed our views with John Cridland, Director General of the CBI, the Society of Motor Manufacturers and Traders and the Construction Products Association. We will not stop there. The task of influencing the debate continues, as we hold discussions with key stakeholders and collect views.

Our twice yearly Business Conditions surveys have underlined that our member companies are, generally, optimistic about growth, with many anticipating an increase in UK and export sales and a number planning capital investments. This research informs our work with other parties. In July we held our BPF Council Meeting inside the Bank of England and had an excellent discussion on the state of the manufacturing economy with Bank and BIS officials, including Charlie Bean, the Deputy Governor.

Plastics and the London Olympics
With the UK third in both medals tables, with 29 Olympic Golds, the London Olympics and Paralympics were a huge success for our sportsmen and women. I am determined that we should remember that they were a huge success for plastics as well.

- 10.5 million PET bottles were used for drinks at the Olympics and then recycled into 42 million bottles, each containing 25% recycled PET
- PVC safety flooring was provided for multiple sites at the Olympics
- Cycle helmets, shin guards, gloves, footwear all were plastic
- Practically all above and below ground pipework was plastics
- 1200 tonnes of lightweight kerbs made from recycled plastic were used on the Stratford site
- The temporary Water Polo arena was constructed from recycled PVC cushions
- EPS insulation was used in the main stadium and the media centre
- All Olympics venue seating was plastic
Tensile membrane PVC roofs were used in the Stadium, Aquatics Centre, Basketball and Polo venues.

The 15,000 temporary seats in the Aquatics Centre were housed in 2600 sq metres of PVC membrane.

Finally but not least, in an agreement between BPF and Olympic authorities all non-permanent use of PVC was taken away after the Games and recycled.

Sebastian Coe, Chairman of LOCOG (London Organising Committee of the Olympic Games), welcomed the ‘Plastics for Gold’ exhibition at the Museum of Design in Bournemouth and said “we are delivering our vision to use the power of the Olympic Games and Paralympics Games to boost understanding of design for sport and how plastics can contribute to sustainability.”

But my own firm, and very many others, was effectively banned by LOCOG from publicising what we had supplied, due to covenants in the agreements. The BPF tried to get them to see sense. Peter Davis wrote to the Prime Minister in April and secured the help of Lord Haskel, the President of the Materials Knowledge Transfer Network, to raise the matter in the House of Lords in both questions and a debate. We also spoke to Business Secretary Dr Vince Cable MP. I was deeply concerned at the lack of response that was received. When, in mid-June, we published our ‘PVC in Sports’ brochure, I was astounded that LOCOG took the step of writing to BPF, ordering us to withdraw it! It was profoundly disappointing and seems illogical to me that the opportunity to promote British products and innovation in the run-up to the Olympics was thrown away in such a manner.

Overseas trade development

With little business growth in Europe the BPF was once again active in taking member companies to visit overseas growth markets, with the help of UKTI and in making contacts with trading partners. In November we welcomed Madame Ho Thi Kim Thoa, Vice Minister of Industry and Trade and Mr Ho Duc Lam, Chairman of the Vietnam Plastics Association, to BPF House.

In the same month, Mr Aksoy, President of the newly formed Turkish Plastics Federation, also visited us. I am delighted that we have formed a close bond with both these countries.

BPF news

This year marked the 20th anniversary of the BPF moving from its previous elegant but impractical home in Belgrave Square to Hoxton, which in 1992 was rather run down, but is now an up and coming area and part of East London Tech. City. We held a reception to commemorate this event in April, with many Past Presidents present. At least three claim the credit for the move to Hoxton!

At our AGM, Mike Boswell, MD of Plastribution, was elected Vice-President. Mike has been a distinguished Chairman of our Polymer Distributors and Compounders Group. I was delighted to see that this Group is now a Gold Sponsor of the Polymer Study Tours for secondary school teachers.

When I chaired the annual meeting of our Business Group and Committee Chairmen in November I was again impressed by the wide range of activities undertaken for the benefit of the wider industry and members. This annual review of the year just gone and look ahead to the next is a timely reminder of the breadth and depth of knowledge and experience contained within the BPF.

2012 was also the 50th Anniversary of the founding of our Plastic Pipes Group. They had an excellent media launch in May which showed how extensive the use of plastic pipes has now become and the important role the Group has played over many decade in reducing the obstacles to their use.

Our guest speaker at our Annual Dinner on 18 October was Alastair Campbell, the former press secretary to Tony Blair. Five hundred and one guests attended and, appropriately, Alastair surprised our Pipes members by playing Happy Birthday on his bag pipes.

I was particularly pleased to present Ron Marsh, Chief Executive of RPC and Past President of the BPF, with the BPF Gold Medal for distinguished service to the BPF and the Plastics Industry. Ron has been an inspirational leader in the Plastics Industry and I was privileged and proud to present him with his Gold Medal at our Annual Dinner.

Our Annual Report for 2012 shows that, once again, this has been a very busy year for the BPF and I must commend Peter Davis, and our BPF staff, for promoting and defending our industry in such challenging times.

Philip Watkins
President
Supporting Business

2012 started rather shakily for our members with inflation at around 4%, the price of oil at a nine month high and GDP -0.2% in the last quarter of 2011. But our January Business Conditions survey showed 55% of respondents were expecting an increase in UK Sales turnover.

I attended the 2nd Department for Business Manufacturing Summit in February where there was a strong emphasis on increasing apprenticeships.

The BPF led Seven Associations Alliance wrote to the Chancellor twice, to influence his Budget and Autumn Statement. In the latter we were particularly pleased that he adopted several of our proposals, namely: a 25% increase in UKTI funds and a new £1.5bn export finance facility; funding and reforms to assist construction of 120,000 new homes; new tax incentives for shale gas exploration vital to reduce energy costs; cancellation of the January 2013 Fuel Duty increase.

We also asked for a substantial improvement in Capital allowances to stimulate investment and I and other heads of Manufacturing Associations had our letter on this published in the “Sunday Times” in November. The Chancellor announced a Capital Allowance with £250k worth of investment eligible for 100% relief, up from £25k.

At the Conservative Party Conference I spoke to the Chancellor George Osborne on the importance of Shale gas as an energy source and a feedstock for our industry. During the Olympics I was invited to the Government’s Global Business Summit at Lancaster House, which showcased UK excellence in advanced engineering to the many overseas government officials and CEOs present in London.

To support our members making construction products we took a stand at the Ecobuild show in March and I was the speaker at the last of the ten BPF sponsored RIBA Smart Materials lectures for architectural students at South Bank University. About 90 students attended and showed a keen interest in the potential for structures made of plastics.

In July I wrote a BPF submission for Lord Heseltine’s review of Government policy affecting economic growth. His report “No Stone Unturned” published in November contained 89 recommendations, the most substantial were those advocating the decentralisation of economic powers from central government to local areas and leaders through Local Enterprise Partnerships. In our response we felt LEPs still had to prove their effectiveness but agreed that Government must control large infrastructure projects such as energy networks to ensure they deliver on time.

We are glad the Report echoed our call for reform of our education and skills system to give us the quantity and quality of young people for careers in our industry.

Plastic Packaging Recycling Targets

A substantial part of the year was taken up with the Department for Food, Environment and Rural Affairs wish to bring in substantial increases in plastic packaging recycling targets from 2013-17. In our response to the consultation we explained we were all in favour of higher targets but DEFRA’s were unrealistic with lack of investment in recycling, uncoordinated collection, sorting and recycling by local authorities and very little Energy from Waste capacity. We worked closely with our partners in the Plastic Challenge 2020, the Packaging and Films Association and PlasticsEurope. Unusually we had great difficulty over many months despite several requests, getting meetings on this with officials and Ministers until a former Cabinet Minister Lord Patrick Jenkin intervened and finally in November we met Lord de Mauley the DEFRA Minister. We were shocked to hear that the regulations had already been started on their journey to gain Parliamentary approval. We had many meetings with MPs who supported our views and attempted to lower the targets.

Mark Pawsey MP the Chairman of the All Party Packaging Parliamentary Group was particularly helpful.

Unfortunately DEFRA’s unrealistically high targets were voted through and our packaging companies will face higher costs as a consequence.

With our allies in the Packaging and Films Association, Foodservice Packaging Association and the Confederation of Paper Industries we agreed to present a united front to misguided politicians who want to bring in mandatory charges on carrier bags; which in the case of plastics have a very high re-use rate.

Our BPF Recycling Group made some good proposals to amend the PRN/ PERN system for Plastics to try and stem the dramatic growth in the export of UK used plastics; about 600,000 tonnes in 2012. Philip Law was quoted in a May “Daily Telegraph” article on plastic fit for recycling being exported to China. The Government is considering changes to the system.

Tackling Key Issues

At a meeting with European and National Plastics Associations in Brussels we decided to concentrate on three key issues: alleged endocrine disruption; diversion of plastics from landfill and plastics in marine litter. I have joined the working groups on the first two and good quality information and ideas on initiatives have been developed.

The BPF had to tackle during 2012 the
usual crop of misleading and sensational stories on chemicals in plastics. An MP alleged there was a link between plastic packaging and diabetes. We wrote to him saying there is no proven scientific link between Bisphenol A and obesity or diabetes. I wrote in June to the Editor of the Daily Mail over an extensive article “Poisoned by Plastic: chemicals in water bottles and food packaging”. I wrote that the risk of exposure was extraordinarily tiny and independent scientific authorities say the consumer is not at risk.

But the good news is that our Science Minister David Willetts MP in October referring to a misguided proposed French law to ban Bisphenol A from all food contact material wrote “There is no reliable scientific evidence to justify such a proposal”.

The environmentalist Sir John Porritt spoke at a PlasticsEurope meeting in September and was critical of UK NGOs opposition to more Energy from Waste and he said the Plastic Industry’s initiatives on plastics in marine litter were “timely and significant”. In April the “Times” published my letter on the benefits of Energy from Waste.

With our Plastics 2020 Challenge partners we continue to sponsor, with a target of 110 primary schools, “Bottle Champions” recycling campaign with the Marine Conservation Society. For recycling plastic bottles the schools won a sports strip for their team, made of recycled bottles. We are hoping our companies will sponsor schools in their areas.

Thirty-three large companies have made a commitment to ensure plastic pellets are not lost into the environment in our “Operation Clean Sweep” scheme. We need a lot more to join!

In my response to the media in September to the research vessel ‘Tara’ finding plastics in the Antarctic Ocean I said the Plastics Industry does not leave litter on the beaches or illegally dump waste at sea. We are working with NGOs, national and local Government and the European Union to tackle this global problem.

I made all these points again when interviewed on BBC Radio Kent in November.

New Climate Change Agreement

During the year we had a great deal of discussion with the Department of Energy and Climate Change on a new sectoral Climate Change Agreement, commencing 1 April 2013. DECC proposed a target energy usage reduction figure of 17% by 2020. This was accepted by BPF Council and is measured from the base year 2008. We are expecting a further 60 companies to join our CCA from April 2013.

Currently 260 plastic industry sites are in our CCA. From its start in 2009 CO₂ savings total 400,000 tonnes enough to fill Wembley Stadium 178 times.

Trade Shows and Seminars

We had a very strong 2012 programme taking British companies to:

- Plastindia, New Delhi in February where we signed a Memorandum of Understanding with the Turkish Plastics Federation. More than 100,000 visitors came to the show.
- We were at the Plastics and Rubber Vietnam show in March, Chinaplas in April, Milan Plast in May and Plastpol, Poland in May-June.
- In late November early December we ran the British stand at the Plasteurasia show in Istanbul.

We had an excellent range of seminars, focussed as always on the industry’s needs. Particularly well attended were the seminars on: Plastics recycling; Plastics in Automotive applications and Dealing with chemical scare stories: Endocrine Disruption.

Staff Matters

We welcomed Paul Baxter who joined us as Commercial, Events and Projects Executive. Angela Fredericks has covered trade development from when Justyna Elliott went on maternity leave and Helen Pailing as PA to Philip Law.

The BPF could not achieve its objectives without all the expertise and time given by our members on Council, Groups and Committees. I would particularly like to thank our wise President Philip Watkins for all his support and leadership.

Peter Davis OBE FRSA
Director-General
British Plastics Federation
Public and Industrial Affairs

Membership
2012 witnessed moderately strong growth in membership with some 30 companies joining. There was a particularly strong interest from recyclers, rotational moulding and equipment firms. Among them were EMS Chemie, Dugdale and Sharp Interpack.

We are constantly searching for ways to add value to BPF membership either through providing unique data only accessible to members or through discounted deals with commercial service providers. Examples from 2012 include a currency exchange service provided by Smart Currency through which members are offered free currency audits, and a scheme to facilitate the introduction of the auto-enrolment pensions required by legislation and presented by Greystone with an offer to review members’ existing schemes for compliance.

President’s Strategic Theme
President Philip Watkins nominated ‘A Sustainable Plastics Industry: A Strategic Asset in Our Manufacturing Economy’ as his special theme. This was elaborated in the BPF’s Discussion Document ‘The UK Plastics Industry: A Strategic Manufacturing Sector’, published in April with a Foreword from Mark Prisk MP, then Minister of State for Business and Enterprise. This makes a succinct case for the central position of plastics in the manufacturing economy, its role as an employer and growing exporter, and as a key tool in the creation of a low carbon economy.

Member firms have used it as an opportunity to engage their local MP and the following Parliamentarians were briefed: Russell Brown (Dumfries & Galloway), Damian Collins (Folkestone & Hythe), Nic Dakin (Scunthorpe), Jim Dobbin (Middleton) Andrew Jones (Harrogate & Knaresborough, Tristram Hunt (Stoke on Trent), Karen Lumley (Redditch), Andrew Robathan (South Leicestershire), Jo Swinson (East Dunbartonshire). We have also presented the document to three Banks – Barclays, RBS and Coutts – and to the Director Generals of the CBI and SMMT, John Cridland and Paul Everitt respectively. This educational programme continues.

Business Development and Margin Improvement
Our suite of Buyers Guides which aim to promote member firms to customer industries was extended further with the publication of a ‘Guide to Flexible PU Foam Converters’.

The BPF website consolidated its position as the dominant website on plastics in the english language (www.bpf.co.uk) and now attracts an average of 130,000 page views per month. It’s a highly effective portal for overseas companies to access UK plastics firms.

Overseas trade fairs
We placed considerable emphasis on overseas business development. With the combination of relatively flat markets in the UK and EU and a weak currency, this met with a positive response. Not only did we participate in key trade exhibitions such as Plastindia (Delhi), Chinaplas (Shanghai), Plast (Milan), Plastpol (Kielce) and Plasteurasia (Istanbul), we published a ‘UK Plastics Industry Capability Guide’, essentially the arguments for sourcing plastics materials, products and equipment from UK suppliers. It features BPF members and the products and services they offer and was initially published in Turkish for use at Plasteurasia.

Philip Law was appointed to the Advisory Board for the Plastivision exhibition (Mumbai). Additionally, BPF also played host to a visiting delegation of Vietnamese plastics companies and on 7 November held a meeting with the Vietnamese Vice-Minister for Trade and Industry and the Chairman of the Vietnamese Plastics Association, in order to consolidate an earlier, jointly signed, Memorandum of Understanding.

Raw Material Supply
We continue to monitor and publish historic data on price trends in key polymers. We have expressed our fears on the availability of raw materials in the UK for the medium to long term to government. This relates to a slowdown in investment in polymerization in Western Europe which is losing out to the Far East, Middle East and, with its low feedstock and energy costs, increasingly to the United States.

Energy Costs
Management of the BPF’s Climate Change Levy (BPF Energy) continues and we have been involved in heavy negotiations on the overhaul of the system and the shape of its next incarnation. Commencing in April we will essentially have new targets and the rebate will amount to 90%, including gas as well as electricity. The Environment Agency will have a heavier role in the administration of the overall Climate Change Agreement concept as DECC takes a back seat.

We are expecting a further 60 companies, who missed out the first time around, to join our scheme as from April.

We are continuing to generate advice on energy efficiency and we commissioned Robin Kent of Tangram, the leading expert in the field, to produce a second edition of his shop-floor manual.

Training
BPF have developed a web page on training. We have secured an agreement with Maguire Training for our members to gain access to their full range of online courses at a discount. We will be looking to provide plastics specific courses to populate their offering. (www.bpftraining.com)

Monitoring Business Conditions
We carried out two Business Trends Surveys in the year in January and July to inform our government lobbyist and as a benchmarking tool for member firms. On 11 July we discussed the Survey with the Bank of England’s Deputy Governor Charlie Bean and its South-East Agent, Peter Andrews, when the BPF’s Council held its meeting in the Bank, now an annual fixture.
Sustainability
BPF continued to manage the Europe-wide sustainability project for PVC in the UK: ‘VinylPlus’ (which has evolved from ‘Vinyl 2010’). Of wide applicability to several BPF Groups was our origination and management of a VinylPlus-funded communications project in the UK which has generated DVDs on ‘PVC in Sport’, based on PVC usage at the 2012 Olympic Games, and on ‘Total Cost of Ownership of PVC’, the latter having secured over 15,000 views on Youtube.

The sustainability credentials of EPS were promoted through the EPS Group and its sub-group, the National Blown Bead Association. The arguments for EPS fish boxes are now well articulated on a new website, www.fishboxes.info, and the main EPS Group website has been re-launched, www.eps.co.uk. The acoustic and moisture absorption properties of EPS insulation products are to be examined further.

Packaging waste, particularly in the household stream, remained the major bone of political contention. BPF attempts to inform government of the implications of pursuing an over-challenging target for plastics packaging recycling was hampered by changes in Ministers, difficulties in accessing DEFRA and the wide array of industry and governmental bodies involved in the consultation. The BPF pressed proposals to amend the PRN/PERN system to encourage more domestic recycling and discourage exports of used plastics.

Our main vehicle for pressing our arguments on used plastics packaging was the Plastics 2020 Challenge organisation shared between BPF, PAFA and PlasticsEurope. This mounted specific educational initiatives such as the ‘Bottles Champions’ Project in conjunction with the Marine Conservation Society and, for the unrecyclable fractions of waste, support for energy from waste schemes through membership of Energy from Waste UK.

To address the vexed question of plastics in marine litter we have promoted ‘Operation Cleansweep’ as a practical step in preventing pellet loss from plants. At the close of 2012 33 companies had signed up to this.

Industrial Health and Safety
Having embarked on the SIMPL (Safety in Manufacturing Plastics) programme in 2010 58 member firms had subscribed to this by the end of 2012. Progress was made on devising a practical safety audit tool for use in companies.

Product Safety
Our seminar on Endocrine Disruption attempted to brief the industry on key supporting arguments for key chemicals as we correctly anticipated a renewal of unfavourable media interest in the topic.

We were engaged in a whole supply chain initiative to defend BPA in the UK. We were gratified to see that our objections to the restrictions placed on athletes by the London 2012 organisers were ultimately upheld in the Olympic Delivery Authority’s Learning Legacy document.

We continued to monitor REACH where there are concerns about the fate of the extended list of ‘Substances of Very High Concern’ which might ultimately lead to the requirement of ‘Authorisation’.

Innovation
We continued to assist the industry’s Research and Development’s efforts through our participation with other international partners in a number of third party funded (largely EU) projects. More often than not our role is the management of work packages connected with dissemination and exploitation. We have the opportunity to have part ownership of the resulting Intellectual property. While EU rules are reducing opportunities for trade association participation we continue the search for relevant opportunities.

International Relations
BPF continued to be fully represented internationally:

- EuPC (plastics processing): Peter Davis and Philip Law.
- EUMEPS (EPS): David Ernes (EPS Group) and Jon Bloom
- EuPR (Recyclers): Roger Baynham, Philip Tyler Polymers
- EUROMAP (Machinery and Equipment): Philip Law
- EPPA (Windows): David Wrigley, Epwin
- EUROPUR (PU Foam): David Waite
- TEPPFA (Pipes and Fittings): Caroline Ayres and Frank Jones

Seminars
We organized ten cost effective seminars for members on a diversity of ‘hot topics’ ranging from ‘Access to Finance’ through to ‘PVC Sustainability’. We have now established ‘REPLAST’ as a widely recognized branded seminar on Plastics Recycling with the BPF Recycling Group’s full support.

We will be looking to add a seminar on Communications to encourage companies, particularly those with technical products to raise their profile and shout about their achievements.

Annual Dinner
The Dinner held on 18 October attracted 500 people and may well be the record number of attendees outside of an Anniversary year in the event’s history. With his surprise flourish on the bagpipes Alastair Campbell has helped to increase the momentum behind next year’s Dinner, a centerpiece of the BPF’s 80th Anniversary Year in 2013.

BPF Heritage
The 50th Anniversary of the BPF’s Pipes Group was recognised at a special press event on 17 May where Philip Law presented on plastics and sustainability and also at the BPF’s Annual Dinner.

Industry Awards
We were pleased to continue our relationship with The Worshipful Company of Horners in our joint organisation of the Horners Award for Plastics Design, the oldest plastics award in the world and this year won by ‘The Birthing Baby’. We were also delighted to support the Plastics Industry Awards.
Although 2012 was a difficult economic environment with developed markets falling back into recession and the UK banking system still faltering, the BPF nevertheless continues to perform well. Total income for 2012 of £1,916,388 was better than expectations and 3.5% or £65,252 above that in 2011. Most of the Federation’s revenue streams performed better than that of the previous year, with membership subscriptions growing by 3.8% and all other income by 3.3%.

Administrative expenses at £1,855,879 rose by £58,411 or 3.2% over 2011, reflecting generally higher operating costs.

The financial outcome reflects another good year for the Federation resulting in a surplus after tax of £21,171 (2011: £13,514) and another busy but satisfying year for the committed BPF staff.

The Federation’s financial statements are prepared on a going concern basis and whilst the company has net current liabilities at the year-end of £280,249 this has been managed down over recent years and represents a £41,777 reduction over 2011. The BPF continues to strengthen its balance sheet and remains in a strong position to meet its liabilities as they fall due.

Membership subscriptions have been increased by 2.5% for 2013.

Financial Operations
Strong basics of good budgetary control, treasury and credit management have remained our focus in 2012.

IT & Communications
A part of our risk management and loss prevention programme we moved from taped backups to remote offsite storage during the year.

Also during the year a small project team conducted a feasibility review of IRIS Integra NG, a web integrated CRM solution.

IRIS supports our current Concept CRM system and has indicated that support in the medium term will be withdrawn and is encouraging clients to migrate.

BPF House
In June the BPF held a celebratory lunch to mark its 20th anniversary at 6 Bath Place. Staff past and present, council members and officers, past presidents and special guests all joined in to mark this special occasion not to be outdone by the Queen’s Diamond Jubilee or Olympics!

During the course of the year the two vacant office areas were finally leased and the BPF now has a fully tenanted building comprising four tenants occupying 35% of the freehold.

2012 was the first full year of BPF’s ‘zero to landfill’ commitment for all its office and catering waste. During the year the BPF recycled 7000 kg, saving 77 trees and over 10000 tonnes of CO2 for which we achieved a silver standard.

Over the Christmas shutdown our meeting rooms and members’ lounge area underwent a complete refurbishment including new furniture in the lounge. This was kindly sponsored by BPF Energy Limited to mark the 80th anniversary of the BPF in 2013.
A series of advocacy initiatives including the wide dissemination of our strategic discussion document ‘The UK Plastics Industry: A strategic Manufacturing Sector’ allied to a strong events programme both in the UK and overseas generated a high volume of news enabling us to issue some 87 press releases during the year. Additionally we provided regular monthly columns to British Plastics & Rubber (‘News from the Front Line’) and Glass and Glazing Products, both scripted by Philip Law. The high profile this has created together with the growing prominence of the BPF website has encouraged an increase in calls for BPF comment on a staggeringly wide range of issues ranging from chemical safety through to waste management leading in some instances to radio interviews and television.

We highly value our links with the trade press in particular Plastics and Rubber Weekly, British Plastics and Rubber and Plastics Information Europe. With Plastics and Rubber Weekly we support the Plastics Industry Awards and we have participated in every edition of the PDM fair. With BP&R we exhibit at the Interplas fair, as we have done since its inception.

Philip Law
Public & Industrial Affairs Director

TELEPHONE 020 7457 5000
EMAIL plaw@bpf.co.uk
Traffic to the BPFs website continues to grow year on year as more content is added and existing content continually updated. Over the course of 2012 the BPF website recorded 1,331,754 page views - up from 1,224,729 in 2011 – approximately half of which was from overseas.

Plastipedia (the world’s largest plastics encyclopaedia) is the most popular section of the site and is heavily utilised around the world as an educational resource both by universities and schools as well as companies for in-house training. In addition to this, the site is a much-loved resource for designers and investors keen to understand more about what is possible with plastic. Plastipedia recorded half a million page views over the course 2012.

At the end of 2012 the BPF did a ‘soft launch’ of a brand new product, ‘BPF Training’. BPF Training is an online training resource for industry professionals and has been created through a strategic partnership between the BPF and Maguire Training.

At the end of 2012 the site went live (found at www.bpftraining.com) and in Q1 of 2013 BPF Training will launch the first plastics specific training videos. These videos are presented by energy guru Robin Kent and focus on reducing energy usage in plastics processing. Over the course of 2013 the BPF aims to create more content and add new videos on various areas of the Plastics Industry.

In 2012 the BPF finalised the BPF Shop. The shop which will sell hundreds of books and reports from the world’s leading publishing houses went live in Q1 2013. Also featured on the shop will be BPF publications and a selection of free eBooks including the ever expanding collection of BPF Buyers Guides which between them promote some 450 BPF Members.
Social Media
Social media plays a key role in enabling the BPF to promote its members and the broader Plastics Industry to as wide an audience as possible. The BPF employs all relevant channels to assist it to do this. This includes:

**Youtube**
In 2012 the BPF’s Youtube channel recorded 28,624 video views with more than 37,000 minutes of video watched.

**Facebook**
The BPF launched its Facebook page in 2012 and currently has a monthly ‘reach’ of around 300 people in 15 countries.

**Twitter**
By the end of 2012 the BPF had more than 3,000 followers.

**LinkedIn**
The BPF company page on LinkedIn had 170 followers at the end of 2012 with the BPF Group page (exclusively open to BPF members) having 144 members.
The UK Plastics Industry was present in India in great strength during Plastindia where the BPF led a group of thirteen exhibitors. The exhibition is the largest of its kind in the Asia-Pacific region and takes place every three years in New Delhi, at the Pragati Maidan Exhibition Centre. The show opened its door to 100,000 visitors and 1,800 exhibitors in what was a busy and successful event. The UK exhibitors included:

- Aerogen Company
- Colormatrix
- Edinburgh Napier University
- Farrel
- Lloyd Instruments
- Meech International
- MSA Engineering Systems
- Perrite
- NDC Infrared Engineering
- Trans XL International
- Victory Lighting
- Zotefoams

The British Plastics Federation promoted its Members to the show visitors looking for suppliers and manufacturers from the UK. In addition to organising the British Pavilion the BPF organised a Trade Mission made up of 16 delegates who took part in pre-arranged meetings with...
During the show, the BPF met with the Turkish Plastics Federation and signed a Memorandum of Understanding with a view to strengthen the co-operation between the two associations and to promoting the development of the Plastics Industry in United Kingdom and in Turkey. The document was signed by Huseyin Semerci, President of the Turkish Plastics Federation and Philip Law, the BPF’s Public and Industrial Affairs Director.

The show was useful to attend, not only in terms of meeting some old friends and reinforcing already established relationships, but also providing an opportunity to network and foster new relationships. We were able to promote many of our members activities and services, as well as promote our own activities.”

Tim Marsden
Senior Projects Executive, British Plastics Federation

PLAST 2012

Milan, Italy
8 – 12 May 2012

The British Plastics Federation exhibited at PLAST for the first time, the show was the largest European plastics trade fair held in 2012. The event, which takes place every 3 years is organised by the PROMAPLAST srl under the Italian Plastics and Rubber Processing Machinery and Molds Manufacturers’ Association – Assocomaplast.

The Federation promoted its Members via the distribution of Buyers Guides and disseminated information on the progress of the European R&D projects we are involved in.

The BPF’s Director-General, Peter Davis, who attended the show for the first time, was also able to cement relationships with PAGEV, the Turkish Plastics Association, and AIPMA, the All India Plastics Manufacturers’ Association (both associations have signed a Memorandum of Understanding with the BPF).

Both Peter Davis and Senior Projects Executive at the BPF, Tim Marsden, were also able to foster relations with our Russian counterparts, the Russian Association of Plastics Processors, with a view to assisting with the BPF’s visit to Interplastica, Moscow, 29 January – 1 February 2013.
Chinaplas 2012

Shanghai, China
18 – 21 April 2012

Chinaplas is now the world’s largest annual plastics trade fair and the BPF have been organising the British Pavilion at the show since its inception. The show continues to grow at a staggering pace and in less than a decade the Shanghai edition has increased from 4 to 25 halls and still continues to expand year on year.

The 26th edition of the show attracted over 100,000 visitors and featured 2,700 exhibitors covering a total of 210,000 sqm of raw space, a 40% increase compared to the previous year.

The event was supported by UKT&I with TAP Grants (£1,400 for eligible exhibitors) and the British Pavilion was made up of the 12 companies listed below:

- Ashe Converting Equipment
- Atlas Converting Equipment
- The Aerogen Company
- Boston Matthews
- C L Rye Trading
- Croda
- Lloyd Instruments
- Meech International
- MSA Engineering Systems
- Nextool
- Wells Plastics
- Zotefoams

The BPF promoted the UK exhibitors by the distribution of the British Group Guide during the show. The Guide featured the contact details of all firms alongside a description in English and Mandarin.

A further 6 companies took part in the BPF Catalogue show and had their brochures featured on the BPF stand.

The BPF, with UKT&I’s support, hired an interpreter to support the companies in the British Pavilion which significantly helped to increase the chance of securing business leads for the exhibitors.

The meeting of the BPF and the Plastics Trade Association of Shanghai

The meeting of the BPF and the Plastics Trade Association of Shanghai
Plasteurasia 2012

Istanbul, Turkey
29 November – 2 December 2012

The British Plastics Federation organised the British Pavilion at Plasteurasia 2012 which is the largest plastics trade show in Turkey and held at the Tüyap Fair Convention and Congress Centre. The 22nd edition of the show reached a record breaking number of visitors (28,000) from 86 countries and 1,085 exhibitors from 43 countries.

The following companies took part in the UK Pavilion and BPF organised catalogue exhibition:

- Balmoral Tanks
- Buhler Sortex
- Eco Plastics
- Farrel
- Formech
- Symphony Environmental
- Trans XL

At Plasteurasia the BPF launched the UK Plastics Industry Capability Guide promoting the UK Plastics Industry and its key strengths, such as innovativeness and achievements in a low carbon economy. The guide was funded by UK Trade and Investment and supported by Materials KTN. Five hundred copies of the Guide, in English and Turkish, were printed and distributed at the fair.

The Guide heavily promoted the products and services provided by members of the Federation and featured information on all 450 members.

To download a copy of the guide visit www.bpf.co.uk/industry/Default.aspx
BPF Group Structure

Over the years the BPF Group structure continues to evolve as new groups are added to the ‘BPF Family’ and others are merged.

However, over the course of 2012 the BPF Group structure stayed constant and as of 31 December 2012 the BPF consisted of 19 membership groups.

Polymer Suppliers Group

As an alliance of companies with a substantial interest in all issues affecting the plastics supply chain, the Polymer Suppliers Group is fundamental in acting as a source of information and support for the industry.

Through strong participation in the Federation’s Central Committees and Business Groups, Members of the Polymer Suppliers Group are able to become involved with almost every element of BPF activity.

A key aim of the Group is to promote the view of plastics to Government, media and the wider public. Keeping abreast of legislative developments which could impact plastics is also a high priority.

Polymer Distributors & Compounders Group

CHAIR
Mike Boswell, Plastribution

With a further new member, Longfield Chemicals, brought onboard during 2012, the Polymer Distributors & Compounders Group has now cemented its place as the leading voice for this crucial sector.

The Group Credit Forum, co-ordinated by Experian since 2006, continues to run successfully providing a confidential platform for members to keep abreast of changes and share information.

Benchmarking surveys on critical costs in transport, warehousing and logistics as well as identifying the Group’s market share of polymer products (UK & IRL) are now well established. During 2012, the Group also introduced a new sales index and a monthly fuel barometer survey. All survey data is restricted to those taking part.

As in previous years, the Group welcomed a number of external speakers to their meetings to present on a variety of topics during 2012, including; sales development, currency exchange and skills.

The Polymer Distributors & Compounders Group are delighted to confirm their ongoing position as GOLD sponsors of the Horner’s Polymer Study Tours, building on previous sponsorships and providing a perfect opportunity for raising awareness of the UK polymer industry with the next generation of teachers and their pupils.

Masterbatch & Technical Compounds

CHAIR
Greg Hammond, Gabriel-Chemie

The Masterbatch and Technical Compounds Group provides a strong platform for UK colour and additive masterbatch manufacturers and suppliers to promote the key role of colour in plastics products.

A key element of the Group’s current activities is to promote the ‘British Masterbatch Industry’ both here at home and abroad by exploiting the coverage provided by the Buyers Guide and web pages.

As part of the PDM2012 exhibition
Additive Suppliers

**CHAIR**
Jim Jeffries, Chemson

The BPF Additive Suppliers Group plays an active role in almost every element of BPF activity. As the only national plastics additives grouping in Europe, its Members are at the forefront of activities to promote the essential function of additives in plastics products.

By utilising the Buyers Guide and webpages, Group Members focus on managing and enhancing the reputation of chemicals and additives through promotion of their role in plastics processing.

A variety of discussion topics made the Group’s agenda during 2012 including innovation and online training. REACH remains a key topic of interest and is a constant discussion item.

With a substantial interest in plastics, crossing all applications and issues, the Group continues to encourage the BPF to support any promotional opportunities which they feel could benefit the full spectrum of the Federation’s membership base.

Bio-based & Degradable Plastics Group

**CHAIR**
Andrew Barclay, Wells Plastics

The Bio-based & Degradable Plastics Group, established in early 2009, provides a key source of expertise for advising the Federation in response to increasing governmental, media, public and industrial interest in this new and emerging sector.

One key area of work for the Group during 2012 has been the development of a guidance document for environmental claims on plastics products. This was published in July 2012 and can be downloaded from the BPF’s website. This is a working document under continual review.

Discussions within the Group led to a plan to create dedicated, separate forums for the Bio-based Polymer and Degradable Plastic’s interests which will be implemented in 2013.
Vinyls Group

CHAIR
Roger Mottram, INEOS ChlorVinyls

The Vinyls Group continues to build on the success of the PVC promotional poster campaign (www.pvcexplained.co.uk), launched during 2011; An advertisement taking advantage of the design of the ‘great sports coverage’ poster was published in the May 2012 edition of the RIBA Journal. Copies of the twelve posters which can be put on display in your office or workplace are available on request from the BPF.

During 2012, VinylPlus issued a call for proposals for communications projects to assist in promoting the VinylPlus message. The BPF’s Vinyls Group submitted a proposal as part of this process and were successful in securing funding for a one year project aimed at raising awareness of PVC sustainability in the UK by highlighting the critical contribution of VinylPlus.

The project was split into three key activities;

On 2nd October, the Vinyls Group hosted their 13th annual seminar at the Museum of Science & Industry in Manchester. An audience of over 70 industry delegates were wowed by a special guest presentation from Wayne Hemingway MBE, founder of the Red or Dead fashion brand. Hemingway, now a recognised expert on affordable and social design, encouraged the PVC industry to be confident of its achievements and to be more open and less defensive.

The Group also undertook a communications campaign to promote PVC sustainability by exploiting the prominent use of PVC at the London 2012 Olympics as well as the results of the Althesys ‘Total Cost of Ownership’ report.

In celebration of the role that PVC can play at sporting events, the Vinyls Group launched a new brochure and supporting animation at a special media briefing held at Rules Restaurant in London on 15th June. To view the video or download the brochure, see: www.pvicinsport.co.uk.

In a second animated video, launched at the Vinyls Group seminar, real life examples from UK Local Authorities show how, at a time of economic austerity, using PVC products can not only save money but can also help to meet targets to better develop housing with improved comfort and insulation. The video is available on the BPF’s website or through www.pvcexplained.co.uk.

The VinylPlus project will conclude with a briefing seminar for UK Government Officials scheduled to be held in January 2013.
Polyurethane Flexible Foam Group (FFG)

**CHAIR**
Ian Leicester, Carpenter Ltd

Throughout 2012 FFG has continued to promote and represent the interests of the UK flexible foam industry at National and European levels.

**Main Aims in 2012**

1. To identify the latest REACH, and health, safety and environmental issues, and to determine what actions are required to ensure that the UK polyurethane flexible foam industry meets the requirements of such legislation or market demands.

2. To ensure that the UK polyurethane flexible foam industry is fully represented both on the Board and Technical Working Groups of EUROPUR (European Association of Flexible Polyurethane Foam Blocks Manufacturers).

3. To liaise independently, or via the British Plastics Federation, with UK Government, especially the Department for Business, Innovation & Skills (BIS), the Health & Safety Executive, and the Department of Environment, Food and Rural Affairs (DEFRA) on relevant matters.

4. To participate in meetings of the British Furniture Confederation in order to ensure that the interests of the polyurethane flexible foam industry are defended.

5. To improve communication on fire and flame retardancy topics through regular meetings with the European Flame Retardants Association (EFRA).

6. To participate in the relevant BSI, CEN and ISO standard committees to ensure that the interests of the UK polyurethane flexible foam industry are represented.

**2012 Activities**

**STANDARDS**

FFG has continued to supply experts to UK and European technical committees in the revision of existing, and the construction of new BS, CEN and ISO standards.

**UK**

Throughout the year FFG has strongly participated in the BIS review of the Furniture & Furnishings Fire Safety Regulations. At this stage it is thought that the government will propose changes to test methods but would maintain current fire safety criteria. It was also thought that there is a proposal to put all the test methods into the regulations. We continue to voice our concerns on any relaxation of requirements.

Networking with organisations with similar interests e.g. rigid foamers (BRUFMA) the Isocyanates Producers Sector Network (IPSN) of the Chemical Industries Association and the British Furniture Confederation (BFC) has continued to take place.

It is a continuing responsibility of FFG to advise members about any potential restrictions on chemicals within REACH which may arise in the future. The CLP Regulation requirements are also covered.

FFG are now active in the BPF H & S Group and by this membership are now able to advise its members and has encouraged participation in the SIMPL initiative.

Digitisation of our substantial furniture burn VHS library into DVDs is now complete. The information we have is now being looked at and to format some of it into a storyline which could be used in additional activities or media/governmental lobbying.

**EUROPE**

FFG has continued to actively support, and supply the Chairmanship of the new “Impurities” Working Group of EUROPUR. This important committee investigates the VOCs emitted from polyurethane foam and has the objective of reducing these emissions.

FFG has actively participated in the EUROPUR Product Stewardship Working Group which covers all aspects of flexible foam product properties and associated processes.

FFG over the year has held a series of discussions with the Secretary General of EUROPUR so that he is fully briefed on the application of flame retardants when he attends meetings of the European Ecolabel EUEB meeting for bed mattresses on behalf of the European polyurethane flexible foam industry.

**USA**

FFG has made corrections to a document with respect to the UK position produced by the American Polyurethane Foam Association (PFA) for the United Nations Industrial Development Organisation on polyurethane foam waste, management and recycling.

**CONVERTERS’ SECTION**

The section has met twice during 2012. At both meetings BPF provided, at members request, external speakers on matters of interest to them, i.e. company insurance. A flexible foam buyer’s guide was also prepared. Expansion of membership was seen as a major objective.

David Waite
Flexible Foam Consultant

**TELEPHONE**
01424 882 961

**EMAIL**
office@dwaite.demon.co.uk
BPF Business Groups

Moulders and Specialist Processors
The BPF Moulding and Specialist Processors Group provide a framework for the representation and promotion of BPF members drawn from the injection moulding, the specialist processing and technical blow moulding sector of the Plastics Industry.

The Group through the use of the BPF’s Strategic Manufacturing Discussion Document have raised awareness of the industry and its processes to a number of politicians. A number of the Group members met with their local Members of Parliament to update them of their strategic importance to their constituency and to discuss with them key issues that are affecting business growth.

The Group is in the process of establishing a Group Management Committee to supervise the Group’s programmes. The potential Committee will be made up of senior representatives of member firms and will be charged with raising the profile of the BPF’s plastics moulding industry’s member firms, their products, services, supply chains and the benefits they bring to the UK economy and society.

Rotational Moulding
CHAIR
Karen Drinkwater

The BPF Rotational Moulders Group is celebrating hitting a record high in membership, with the group growing by over 50% in 2012. Attracting a broad section of moulders, material suppliers, machinery manufacturers, ancillary equipment suppliers and service providers; 493K, ACO Technologies, Francis Ward, Leafield Environmental, Orchid, Rotomatic, Rototek (a trading name of Trent Mouldings Ltd), Tecniform and Steel Tool Solutions all joined this year.

The Rotational Moulders Group has been incredibly active in promoting the industry and hosted its annual Design and Innovation in Rotational Moulding Seminar at PDM in May. The Group are now in the process of working on an educational tool to secure greater understanding of the rotational moulding process and its contribution to engineering and design among university students.

The BPF Rotational Moulding Group was represented in full force at the Affiliation of Rotational Moulding Organisations (ARMO) Conference in Lyon on 1–2 October. The Group showed its unity and strength at the conference with over 20 UK companies in attendance. The Group were delighted to announced that the BPF have won the bidding to be the host nation of the next ARMO Conference in 2015 in Nottingham.
Packaging Group

CHAIR
Bruce Margetts, RPC

The BPF’s Packaging Group represents UK manufacturers of all types of plastic packaging including containers, bottles, drums, trays, cups and vending packaging, baby products and protection packaging.

With the announcement of the UK Government’s recycling targets and the increased pressure on the industry to innovate the Group’s core activity in 2012 included political lobbying which culminated in the BPF meeting Lord de Mauley, Parliamentary Under-Secretary for Resource Management, DEFRA on 8 November.

The Group hosted its annual Packaging Group Seminar on the 25 October in Nottingham where attendees were joined by speakers from the Department for Environment, Food and Rural Affairs (Defra), Marks & Spencer and the British Soft Drinks Association.
BPF Business Groups

Composites Group – Chemical Plant Section

CHAIR
Lee Forbes, Forbes Group

The BPF Composites Group is the focal point for the representation of the Composites Industry in the UK with membership including resin and additives suppliers, processors, machinery and equipment suppliers, and research based companies.

The Group works on behalf of its member companies and in careful co-ordination with the broader European Composites Industry. It has particular strengths in Chemical Plant application and works closely on standards to support these uses.

EPS Group

CHAIR
David Emes

The EPS Group represents 80% of the expandable polystyrene manufacturing industry in the UK across the packaging and construction sectors. The Group works to provide authoritative, reliable information to companies and individuals seeking independent facts about the performance of the material.

The EPS Group were delighted to announce in 2012 the launch of www.fishbox.info. The website was development as part of a project aimed at reinforcing the long established market leading solution in the protection of fish and fish products from sea to sales counters across the globe.

The web site reveals new thermal performance studies carried out in the UK by Cool Logistics specifically to measure the critical food safety issue of temperature change during typical transits from port to fish counter. These also reveal the superior performance offered by EPS in maintaining the low temperatures essential in keeping fish and fish products safe on their way to our homes and restaurants.

The EPS Group in 2012 became a key sponsor working with the National House Builders Confederation who are looking at the performance of various cavity wall insulation systems. This is a two year project and will support the existing growth of blown bead in new build applications.

The EPS Group in 2012 updated and re-launched its website www.eps.co.uk with a new modern design with up to date information and facts about the industry.
Windows Group

CHAIR
Martin Althorpe, Spectus

Representing the interests of the entire PVC-U windows supply chain, the mission of the BPF Windows Group, along with window system companies, raw material suppliers, additive suppliers, fabricators and installers, is to position itself as the leader in the windows market.

2012 started with the final culmination of the RIBA lectures, sponsored by the BPF, where hundreds of architecture students, from all around the UK, warmly welcomed presentations showing the benefits of plastics in construction, and specially PVC-U windows.

Similarly, the Group launched a new document at Ecobuild 2012 called ‘PVC-U Windows Recycling in Action’. The new informative booklet is a compilation of case studies supporting the argument for PVC being a sustainable building material and highlighting its benefits in use.

The Group’s 2012 communication programme also included a campaign to inform and educate local authorities who have a distorted image of plastics, and in particular PVC, in their sustainable procurements.

With an increased influence from Europe in UK legislation, the priority of the Group has been the revision of Building Regulations and the new labelling scheme for responsible sourcing of PVC. The Group has met with key decision-makers from the Government, the Construction Products Association and the European initiative, VinylPlus, in its mission to support the industry to ensure it is well-placed to meet and exceed demands.

In addition, the Group has published a useful guide to window and doorset CE Marking for fabricators. The document, prepared in partnership with British Board of Agrément (BBA) and the British Standards Institution (BSI), offers an insight into what information should accompany CE Marking in the UK. Under the new Construction Products Regulations, from 1 July 2013, CE Marking becomes mandatory. CE Marking will also be necessary for all products sold through the Government’s flagship policy on energy saving, Green Deal.

2013 promises to be another exciting and challenging year. The Group looks forward to continuing and expanding its crucial work, as the industry strives to surpass the challenges of legislation, in addition to environmental, consumer and ethical demands.

Cellular PVC Group

CHAIR
Dave Osborne, Swish Building Products

The Cellular PVC-U Group represents the interests of all those involved in the production of PVC-U roofline and cladding products, ensuring industry best practice.

In 2012, the Group’s members cooperated to champion technical issues facing the industry. Similarly, the Group worked closely with BSI, BBA and European trade associations to influence both UK and EU standards.

There was a significant contribution from the Group to Ecobuild 2012 with the ‘Plastics in Construction’ stand, where a second edition of the booklet on the same subject was launched.

Sheet and Coated Fabrics Group

Companies involved in the production of plastic sheets and coated fabrics for construction continue to cooperate to maintain the high standards of the sector.

Members of this Group are also involved in the Vinyl’s Group, keeping abreast of legislative developments and standards affecting the sector, whilst responding to environmental issues of plastics with specific reference to PVC issues.
Recycling Group

CHAIR
Roger Baynham,
Philip Tyler Polymers

The Recycling Group is the leading authority on plastics recycling in the UK. Some of the leading plastic recycling companies in the UK form the backbone of the Group, which acts as a focal point for the industry, the Government and the general public on relevant matters and information.

The Group encourages co-operation between recyclers and processors, as well as with stakeholders throughout the supply chain, in its aim to promote and incentivise the use of recycled plastics.

The Group has been successful in its lobbying of Government and legislators, and has a direct line of communication with the Department for Environment, Food and Rural Affairs (Defra). This is in addition to building strong connections with WRAP (Waste and Resources Action Programme), to whom the Group has provided valuable information that has helped shape laws and regulations related to recycling and waste management.

In 2012, in its mission to be the primary voice for the UK plastic recycling industry, the Group identified the key issues influencing the sector’s growth, and have set a number of objectives ranging from promoting and encouraging the development of mechanical recycling and reprocessing of plastic waste, to promoting resource efficiency and the environmentally responsible management of plastic waste.

One of the main initiatives of the Group in 2012 has been its publication of the document ‘Proposal to Amend the Packaging Recovery Note (PRN) system for Plastics’, which expressed concerns and views on the current PRN system and the opportunity to improve the UK’s recycling infrastructure.

This proposal came about as a result of the Group’s quest to become the leading body contributing to the achievement of new and challenging plastics recycling targets, and it has been passed onto key decision makers in DEFRA, Parliament and the Environment Agency.

The proposal was a focal point at the annual plastics recycling event, REPLAST 2012, which was held at the Institute of Materials, Minerals and Mining in London. The event examined the implications of the new recycling targets, and was comprised of an impressive programme of presentations that included a keynote address from Mary Creagh MP, who provided a Labour Party perspective on the government targets.

The Recycling Group is a member of the industry’s continent-wide association, Plastics Recyclers Europe (EuPR), and benefits from the Group’s chairman attending and contributing to EuPR meetings.

The Group continues in its aim to build infrastructures that will enable effective communication with industry decision makers, both at national and European level. In doing so, several working groups focus their activity on different issues within the plastic sector. These working groups include communications, exporters, films, food contact and rigid plastics, which focus specifically in solving the issues and challenges within a given arena.

Following an eventful past twelve months, 2013 promises to be a crucial year for the Group, as it continues to shape the future of the plastics recycling industry.
**Industrial Plastics Welding and Fabrication Group (IPWAF)**

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

---

**Plastics and Rubber Equipment Group**

The BPF’s Equipment Group represents the plastics and rubber equipment suppliers in the UK. As of 31 December 2012 the group was made up of 28 members with six companies joining over the course of the year (Recycling.com, Waste Web, Billion, Majenta Solutions, Tinius Olsen and Think Stothard). Many of the group members take part in the international trade shows where the BPF organises British Pavilions.

In addition to this the BPF Equipment Group organised an ‘Exporters Meeting’ in 2012 which was Chaired by Colin Brookes of Boston Matthews. The event attracted a strong audience with a morning session focused on doing business in Russia and an afternoon session looking at the appointment of agents and distributors around the world. The afternoon session featured a highly successful and rather animated ‘Speed Networking’ session where members of the group got to know each other better.
2012 saw the 50th Anniversary of the Plastic Pipes Group. Up until 1962 plastic pipes were represented in The British Plastics Federation via the Extruders Section of the Fabricators Group. The increasing manufacture and demand for plastic piping systems led to the formation of the PPG at the end of 1961. The PPG has continued to grow and develop whilst maintaining its core purpose, to promote the development, acceptance and usage of manufactured plastics piping systems at all levels in the Building, Construction, Civils and Utilities Industries.

At the beginning of the year, in order to celebrate the anniversary, the PPG invited 11 journalists to a media lunch. The theme of the event was to promote the message that whilst plastics pipework systems have been in use for over 50 years, and can no longer be considered as a ‘new’ material, manufacturers continue to develop innovative products that meet today’s complex requirements.

Celebrations for the 50th anniversary continued through the year with a Director’s dinner at the Athenaeum Club in May and culminating in a drinks reception for the Plastic Pipe Industry before the BPF Annual Dinner in October. The PPG also hosted a table of industry guests for the dinner, where the highlight was most definitely a rendition of ‘Happy Birthday Plastics Pipes’ performed by the guest speaker, Alastair Campbell, on the bagpipes!

Despite the continuing challenging market conditions, the plastics pipes share of the market continues to increase and new products continually extend the applications served. In order to address the challenges of all these application areas, the group is split into three Application Groups. The main challenges in the Civils and Utilities’ sector continue to centre around the implementation of the Floods and Water Management Act, which has seen the mandatory adoption of all existing drains and sewers but has not yet clarified a way forward for the Mandatory Build Standard for new developments or proposals for the adoption and build standards for SUDs (Sustainable Urban Drainage Systems) and surface water. This group is also addressing concerns related to training and good industry practice for electrofusion jointing of Polyethylene systems. Among the many issues dealt with by the Building Services Group is the need to ensure appropriate standards are met in increasingly demanding applications.

Standards are at the core of our business, by working on producing high quality standards (BS’s, BS EN’s, WIS’s, BBA’s etc) and ensuring our products are third party certified to these standards, users and specifier’s are assured our products are fit for purpose. A crucial role for the PPG – both at home and abroad – is participation in the committee structures which review and develop British, European and International standards. PPG members, through the PPG, engage actively in the writing of standards.

On the 1 July 2013, The Construction Products regulation will come into effect, replacing The Construction Products Directive. This means that construction products placed on the market in the UK and covered by a harmonised European standard (hEN) or conforming to a European Technical Assessment (ETA), will need to carry CE marking and will have to be accompanied by a Declaration of Performance. Despite concerted efforts working with the European Committee for Standardisation, the European commission and TEPPFA (The European Plastic Pipes and Fittings Association), the necessary harmonised standards are not in place for plastic piping systems to carry CE marking. Educating the market to be aware of the situation will be crucial to PPG members.

We work very closely with the BPF team on all regulatory aspects and benefit enormously from the work of the BPF. Working as a united team of manufacturers we can ensure that plastic piping systems are ‘Fit for the future and part of the future’.

---

**Plastic Pipes Group (PPG)**

**President**
Martin Gisbourne, Aliaxis UK

**Director**
Caroline Ayres
BPF Central Expert Committees

The BPF’s Central Expert Committees provide scope for membership participation, exchange of industry experience and the formulation of common policy and action programmes relating to the subject focus of the forum.

Product Safety Committee: REACH & Regulatory Issues

CHAIR
Chris Howick, INEOS ChlorVinyls

The fundamental function of the Product Safety Committee is to provide advice and guidance to members of the Federation in relation to developments in existing and new legislation affecting the use of plastics in articles. The Committee also plays a key role in the BPF’s lobbying activities.

The Committee continues to focus on REACH and associated chemicals issues. Assistance and guidance from the Committee is provided to the wider BPF Membership through the BPF REACH toolbox, available on the BPF website.

Another focus area is in relation to issues surrounding plastics in contact with food following the introduction of EU Regulation 10/2011 on materials and articles intended to come into contact with foodstuffs, published in 2011.

Other items of discussion on the Committee’s agenda included:
- Plastics in medical applications
- Plastics in potable water application
- Plastics in construction
- Plastics in toys
- General product liability issues

In an ever changing legislative landscape, the Product Safety Committee acts as the front line in representing the wider Plastics Industry when responding to negative publicity and media scares. This has been particularly evident during 2012 with the growing attention being paid to the safety of Bisphenol A and its use in food contact plastics.

Meetings of the Product Safety Committee are open to representatives of all BPF Member Companies with an interest in this area.

Fire Safety Committee

CHAIR
Christine Lukas, DOW Chemicals

The Fire Safety Committee provides an essential forum for ensuring BPF Members’ views are adequately represented in the area of fire performance standards and legislation.

The Committee also acts as a key advisor to the Federation in responding to enquiries relating to the safety of plastics in fires. As high profile fires continue to attract media coverage, Fire Committee members are on hand to provide their expertise where the safety of plastics may be brought into question.

The Committee is committed to monitoring UK, EU and international developments in aspects of fire performance and regulation related to plastics.

Committee members continue to work in the interests of the wider Federation, providing representation on a number of UK and International Standards Committees.

During 2013, the Committee will be considering proposals to improve and enhance the standards coverage for PVC in Fires.

Meetings of the Fire Safety Committee are open to representatives of all BPF Member Companies with an interest in this area.
**Industrial Health and Safety Committee**

**CHAIR**
Mike Jones, Distrupol

The Industrial Health and Safety Committee is a key source of expertise and information on health and safety issues related to the Plastics Industry. Members of this Committee are a knowledgeable and committed group of individuals, with a shared interest on achieving the highest standards in health and safety.

In 2012, the BPF Annual Accident Survey helped the Committee realise the need to direct their efforts to the reduction of manual handling incidents, cuts and slips, trips and falls. With a record number of responses from company members, the Annual Accident Survey has become the most reliable benchmarking tool on accidents of the UK Plastics Industry.

In June 2012, the BPF held a Health and Safety seminar. It was a very successful event where the HSE revealed crucial information on their new ‘Fee for Intervention’ scheme, and its impact on the industry. Other experienced speakers combined their efforts to lead the discussion regarding occupational health and safety cutting.

The Committee is the driving force for the development and progression of the Safety in Manufacturing Plastics (SIMPL) initiative. SIMPL is a partnership with the Health and Safety Executive, and other trade associations and unions, with a joint objective of reducing accidents and ill-health within the plastic industry.

2012 marked the halfway point in the SIMPL strategy’s life cycle. The BPF has led the initiative, ensuring that all members benefit from the BPF’s guidance and support.

All SIMPL partners have engaged with their membership through an awareness campaign, which lives in the HSE website and aims to provide relevant guidance and toolkits on issues concerning the UK Plastics Industry.

Similarly, BPF and the HSE have worked together through the SIMPL channel to revise all HSE guidance relevant to the Plastics Industry, holding several meetings where members contributed by providing evidence on the latest best practice.

Statistics from the BPF’s Annual Accident Survey showed better performance in 2011 from SIMPL members, compared to reportable accidents from the plastic industry as a whole.
Research & Development Projects

The BPF continues to develop its project portfolio to benefit our membership base - by helping our members to create competitive advantage, whilst also helping become more sustainable.

The European Commission’s 7th Framework Programme provides the bulk of the BPF’s projects, under the “Research for SME Associations” banner. The “Research for SME Associations” scheme aims to develop solutions to problems common to a large number of SMEs in a specific industrial sector.

EURECOMP

The goal of this project is to set up a new route to recycle composites, which will decrease the cost of production waste disposal by up to 50%. The routes for waste currently available are expensive and do not give the best use of the waste.

The consortium believes that it is possible to get a better route if the organic phase is converted to small molecules which can be used by the chemical industry and if the mineral phases can be used again in composites. This project will define the best conditions in order to obtain a solvolysis separation of the different components of the composite and to get the best commercial added value from the end products.

This project has been part-financed by European Commission’s 7th Framework Programme under contract number 218609.

UltraFibre

Fibre reinforced polymers find wide commercial application in the aerospace, leisure, automotive and sporting industries. There has been much interest in developing natural fibre reinforced polymers for a sustainable substitution of these synthetic, high-embodied energy materials to commercially exploit. The UltraFibre project addressed these restrictions in the supply chain by delivering:

Technical results of the project have been promising. The most current technical achievements can be summarized as follows:

- Ultrasound treatment removes surface contaminants:
- Plasma treatment of natural fibres results in an increase of mechanical properties of their composites, in particular:
  - Flax-PP flexural strength increase by 23% by using 1% MAPP
  - Hemp-PLA flexural strength increases by 20-24%

The project website is available [www.ultrafibre.org/](http://www.ultrafibre.org/) and is funded under the European Commission’s 7th Framework Programme, Research for SME Associations, under contract number 243456.

Rotofast

Rotational Molding is a very competitive manufacturing method for producing large hollow plastic products. The challenge is the development of low energy systems in order to enhance the energy efficiency and reduce the cycle time, without becoming more expensive.

The solution proposed is an automatic rotational molding machine with the following systems:

- Induction Heating System. This system will use a medium frequency power supply and helical induction coils to generate heat within the mold.
- Internal Cooling System. The new technology will be integrated an internal cooling system which will consist of ionic liquids. This system will remove heat from internal mould atmosphere, reducing the cooling time.
Research & Development Projects

The project’s website is available at http://www.rotofast.eu/

The project is funded under the European Commission’s 7th Framework Programme, Research for SME Associations, under contract number 243607.

Nanoflex

Our community faces the challenges of meeting the growing demand for plastic pipes and the EU Landfill Directive and the revised EU Waste Framework Directive. Under floor heating, radiator heating and plumbing systems accounting in total 1.7 million kilometres of new piping in Europe, of which 56%, namely 0.96 million km are plastic pipes. 46% of these plastic pipes are made of PEX, which due to its cross-linked nature, is not widely recycled.

The project will develop a pipe without an integral aluminium layer to allow 100% of the pipe scrap to be recycled. We will achieve this by replacing aluminium or expensive EVOH oxygen barrier materials with innovative nano-composites in combination with a redefined wrapping technology.

The project website will be continually updated throughout the three year duration: www.greenflextube.org/

The project is funded under the European Commission’s 7th Framework Programme, Research for SME Associations, under contract number 283725.

SuperCleanq

The goals of the SuperCleanQ project are to develop quality control and quality assurance tools and procedures for plastics recycling processes targeted at food contact applications.

The tools will be applied to a new process for the recycling of coloured and layered PET into food contact applications that cannot be processed by current PET recycling facilities, a resource worth up to €700 million per annum.

The advancements over the state of the art are:
- A post-market challenge test for validation of recycled food contact materials with 100% reliability
- A post-process validation quality protocol for assuring the efficacy of plastics recycling processes for food contact applications with 100% reliability
- In-line monitoring for process quality control to indentify contaminants from non-food contact compliant levels of chemical contamination

The project website can be viewed here: www.supercleanq.eu/

The project is funded under the European Commission’s 7th Framework Programme, Research for SME Associations, under contract number 285889.

PolySolve

The project will develop a new process by which an environmentally friendly and selective solvent is used to dissolve and recycle polystyrene (PS) and polycarbonate (PC) waste into a high purity product, comparable to virgin material. A novel thermoplastic recovery system will be developed and integrated within a modular, scalable recycling process.

The technology will build on the success already achieved under the UK TSB-funded HiPerPol project. The extension of the technology to polystyrene and polycarbonate will greatly increase the capability of this technology to deal with the high volumes of mixed polymer waste, whereby individual polymers can be separated and recycled at a far higher degree of purity (and consequently value) than is currently possible. Visit www.polysolve.eu.

The project is funded under the European Commission’s 7th Framework Programme, Research for SME Associations, under contract number 283725.

SMART

End of Life Tyres represent both a waste problem and a resource opportunity, for both the society and the large recycling trade community. Even though tyres are 100% recyclable and their chemical and physical properties make them an outstandingly valuable resource.

SMART technological objectives are to realise innovative recycled rubber products in high added value sectors, by means of exhausted tyres grinding without the addition of any linking agent or virgin rubber. Visit www.smart-recycle.eu/

The project is funded under the European Commission’s 7th Framework Programme, Research for SME Associations, under contract number 286465.
Most Modern automation installations are driven by Programmable Logic Controllers (PLCs). Nowadays, the low level programming languages that have been used for decades such as Ladder Diagrams (LD) are still being used to develop new software. PLC software is brand dependent.

The aim of the project is to develop a software tool for developing PLC programs with the following features:

- Based on the Object Oriented approach, but using an industrial model for the design of the components that constitute a PLC programs.
- Brand independence. A brand-specific postprocessor generates the final code ready for downloading into the target PLC.
- This new tool provides an easy overall view of the PLC based automation process, providing high level automation language easy to use and to understand, drastically reducing the time devoting to PLC programming.

The project website is www.plc-prog.eu and is funded under the European Commission’s 7th Framework Programme, Research for SME Associations, under contract number 243484.

In the sector of plastic and rubber seals there is clear and growing demand for higher performance, zero-leak seals. Hydraulic and pneumatic equipment industry is together with the automotive industry, the largest industrial markets for seals.

The TDM-SEALS project aims to develop a novel production processes for the fabrication of low-friction plastic and rubber seals, at competitive prices. We propose using surface texturing of the components during the moulding, to achieve a reduction in the seal dynamic friction of >20%.

The project website is www.tdm-seals.eu and is funded under the European Commission’s 7th Framework Programme, Research for SME Associations, under contract number 298647.
This year has been a busy one for the Plastics Sector and Partners to the Climate Change Agreement (CCA) as the final consultations with DECC on the new climate change agreement scheme moved into implementation phase before coming into force 1 April 2013.

The new scheme will bring the opportunity to increase membership of the plastics sector agreement from the current 256 facilities and will last through to 2023 bringing partners sustained Climate Change Levy (CCL) discount in return for meeting energy reduction targets.

In terms of financial results, BPF Energy Ltd, who manages the plastics sector CCA on behalf of the BPF, had a satisfactory year.

Total income for the year at £667,832 was £58,476 lower than in 2011, due largely to the one-off emissions trading supporting Milestone 5 reporting in the previous year not repeated.

Administrative expenses for 2012 at £668,039 were £57,593 lower than the previous year largely due to the absence of emissions trading and lower service fees; leaving a £14 surplus after tax (2011: £547).

During 2012, BPF Energy again sponsored a number of energy communications and the BPF’s Annual Dinner at which the BPF Energy Award was presented. This award is given to the site that has demonstrated the best improvement in their index of energy utilisation. Many congratulations to the winner Rosti UK Ltd and runner-up Scapa UK Ltd.

So a landmark year for BPF Energy in terms of preparing for the new scheme to be implemented 1 April 2013 which will provide long term discounts for BPF CCA partners in return for achieving target energy reduction and the opportunity resource energy initiatives.

We also welcome the increase in electricity CCL discount to 90% from April 2013, although much work remains for the BPF and BPF Energy to support the sector and lobby Government on security of supply, sustainability and renewable energy.
Throughout 2012 the BPF has continued to support the polymer activities within the Materials Knowledge Transfer Network (KTN). The year saw the continuation of the Materials KTN’s Innovation and Funding Columns within the BPF’s Members Newsletter. The Funding Column features, on a monthly basis, notices of calls for funding for research and development that are relevant to the polymer industry.

The fifteen KTNs, of which the Materials KTN is one, are funded by the UK Government through the Technology Strategy Board (TSB) who in November 2012 published their strategy on ‘Enabling Technologies’, this strategy runs from 2012-2015 and covers the areas of:

- Advanced Materials
- Biosciences
- Electronics, Sensors and Photonics
- Information and Communication Technology

In this strategy the Technology Strategy Board commit to aiming to stimulate the development of enabling technologies, tools and approaches and the exploitation of new high-value products, services and systems based on them and they state that they will:

- invest around £20m a year in higher-risk, early-stage innovation across advanced materials; biosciences; electronics, sensors and photonics; and ICT
- invest half of their funds in activities to stimulate innovation that tackles technological challenges, resulting in capabilities that can be exploited across many sectors (or ‘technology-inspired’)
- invest the other half in driving early stage technology development towards specific sector challenges (constituting markets of first use) as identified by colleagues working in these areas

Much of the Materials KTN’s work is in disseminating knowledge, informing Government policy on technology developments, spotting innovative opportunities and we are dedicated to enhancing innovation in the polymer industry.

The Materials KTN is the entry point for information and accessing opportunities to meet like-minded people in the polymer community who have something in common – a desire to forge partnerships that will help them solve problems and make progress. The Materials KTN reaches across diverse industries and communities, including design and R&D funding, from which a number of SMEs within the polymer industry have drawn benefits.

Throughout 2012 the Polymer Sector team of the Materials KTN provided many benefits for the UK polymer industry including:

- Information and news – free access to on-line services such as reports, newsletters, webinars, events diaries, collaboration tools and general sector/application specific information.
- Funding opportunities – providing access to SPARK Awards and EPSRC CASE Awards as well as advice on Technology Strategy Board Collaborative R&D calls, Knowledge Transfer Partnerships and other sources of funding for innovation such as the EU Framework Programme.
- Technology roadmaps and strategy – pulling together the sectors’ views on the challenges and development needs and providing this to Government and to the Technology Strategy Board.
The BPF regards The Business Support Network to be a huge membership benefit. This group is made up of four main sectors: Technical & Operations, Commercial, Recruitment & Training and Research. These companies have been chosen by the BPF because of what they represent in the market and their beneficial services our members can make use of. These companies include Pera Technology, Willis Commercial Network and Listgrove Industry Recruitment all of which provide expert support and advice primarily to our members but also to the Plastics Industry as a whole for non-plastics related subjects such as recruitment, insurance, pensions, cost reduction to name a few.

The BPF also prides itself on having an Academic Organisations support system that is part of the BSN and offers key benefits. Universities such as Polymer IRC and the Polymer Training & Innovations Centre at Wolverhampton University are a selection of Academic Organisations that can assist with employee development. They offer a wide range of in-house testing facilities as well as many training courses. Throughout 2012 the Business Support Network’s members continued to take an active interest in its seminars and forums across the country.

Willis Commercial Networks, Barclays and Polymer IRC all presented at various seminars around the country, some even took the opportunity to exhibit at trade fairs under the BPF’s British Group pavilion.

We’ve been members of the BSN for a number of years and have hosted, attended and presented at numerous meetings and seminars. We are a member based organisation providing training and consultancy to the Polymer sector. As a result of our close relationship with the BPF we’ve had many opportunities to promote our services to BPF members at face to face meetings or through their range of publications both on and off-line, we have also been given the fantastic opportunity to attend K2013 as part of the BPF stand.

Charmaine Bowers
Operations Manager Polymer Training and Innovation Centre, Telford
The highly innovative “Birthing Baby”, developed jointly by Brightworks Ltd and Limbs and Things Ltd, was confirmed as the winner of the prestigious Horners Award for Plastics Design and Innovation 2012. The presentation was made on 4 October 2012 at the Horners Annual Banquet held at the Mansion House.

The Birthing Baby is a new born baby mannequin which is having a growing role in the training of doctors, midwives and nurses and helps to prevent adverse outcomes in childbirth. Training using the Birthing Baby helps eliminate confusion in roles and responsibilities, provides better structure and coordination to the performance of key clinical tasks and improves organization and support.

The judges were impressed by the way the life-like qualities of The Birthing Baby were originally hand sculpted in epoxy resin and then developed further by use of 3D CAD so that the final product, manufactured from a combination of polymeric materials, was so realistic in its appearance, feel, weight and flexibility of movement.

The Horners Award is run jointly by the Worshipful Company of Horners (an ancient Livery Company of the City of London) and the British Plastics Federation (BPF). It is awarded annually for entries demonstrating innovation in plastics design and manufacture or in the processing of plastics.

The prestigious Award, established in 1947, is thought to be the oldest existing award for plastics in the world and is a cornerstone of the Horners’ many activities supporting Design and Education in the Plastics Industry.

The judges were also delighted to nominate the Kibosh Emergency Pipe Repair Unit developed by Kibosh Ltd for the BPF’s Highly Commended Certificate. This is an instant and simple temporary repair system for burst and accidentally perforated water pipes. They were presented with their Certificate at the British Plastics Federation’s Award Dinner that took place on 18 October.
UK Events

BPF Annual Dinner 2012

The BPF’s Annual Dinner is one of the most prestigious and highly regarded events within the Plastics Industry and continues to go from strength to strength. This year the dinner was attended by over 500 industry leaders, an increase from 450 in 2011 (and less than 200 in 2009!).

The event was kindly sponsored by Inenco, BPF Energy, Plastribution and ColorMatrix. Entertainment for the evening was provided by the relaxed jazz vocals of Andrea Mann and the rock and roll classics of ‘The Rendezvous’. The after-dinner speech was given by writer, communicator and strategist Alastair Campbell, who gave a hilarious insight into his time on the political frontline and also ‘serenaded’ the BPF Plastic Pipes Group with a rendition of ‘Happy Birthday’ on his bagpipes to help them celebrate their 50th birthday.

BPF President Philip Watkins of Gabrie-Chemie spoke to the audience about the achievements of the BPF in 2012 and on the theme of his presidency, ‘Our Sustainable Plastics Industry: A Strategic Asset in our Manufacturing Economy.’ He also expressed his concern at the increasing cost of energy and touched on the ‘Plastics 2020’ Challenge to drive used plastics from landfill by 2020.

At the dinner Rosti Technical Plastics were announced as winners of the BPF Energy Award. The Award was presented to the firm by BPF President Philip Watkins in recognition of outstanding improvement in energy efficiency. The BPF Gold Medal was given to Ron Marsh, Chief Executive of RPC Group. Philip Watkins, who presented the award, praised Ron on his continuing success at RPC and his strong support of the BPF over many years.

The Plastics Industry Awards

The BPF once again supported the Plastics Industry Awards in 2012. This gala event was organised by PRW and took place on 28 September 2012 at the London Hilton, Park Lane Hotel. It was compered by comedian Sean Lock and was attended by numerous BPF member companies.

A number of BPF members were honoured with awards on the evening, reflecting the continued success of our member companies. Winners included Logoplaste (Best Training and Development Programme), Distrupol (Supplier Partnership – Polymer Distributor) and Axion Polymers (Supplier Partnership – Polymer Producer).

Plastic Design and Moulding

The Annual PDM trade show took place from 29 to 30 May 2012 at the ExCel Exhibition Centre in London’s Docklands. The BPF once again took a stand at this event to help promote its Members’ services to the wider plastics community with BPF staff fielding questions and several hundred buyers guides being handed out.

The BPF Rotational Moulders Group organise a highly successful seminar at PDM on the subject of ‘Design and Innovation in Rotational Moulding’ which was extremely well attended by visitors to the trade show.
n 2012 the British Plastics Federation created 12 well received and highly cost effective seminars on a wide range of issues of importance to the industry.

14 MARCH 2012
Finance for Plastics Firms
This seminar kicked off the 2012 seminar programme by providing delegates with a thorough overview of the funding and financing opportunities available to them which they could apply to their companies. The event included discussion about funding for training, R & D tax credits and an overview of banking trends that delegates should be aware of.

25 APRIL 2012
Technology for Plastics Processors
The programme for this event gave attendees the opportunity to discover the latest ideas and innovations in plastic processors technology. Through a range of excellent presentations delegates explored the key topics and latest technological advancements that they could implement in their organisations.

16 MAY 2012
REACH Masterclass
This workshop, led by industry expert Walter Claes, focused on giving delegates a thorough and practical insight into the current and future impact of the REACH and CLP regulations. Delegates were offered the opportunity to hear Walter’s views on how developments in this complex area of legislation will affect their business.

24 MAY 2012
Energy Management
This BPF Seminar once again gave leading energy consultant, Dr Robin Kent, the opportunity to provide his expert advice on energy management and energy saving. Dr Kent’s dynamic presentation provided attendees with a colourful insight into the energy saving initiatives that they could implement and the tools necessary to reduce their energy bills.

20 JUNE 2012
Health and Safety
Returning after a successful 2011 event, the 2012 Health and Safety seminar again provided a platform to explore the latest thinking on Health and Safety. Expert speakers from the Health and Safety Executive, JOMC and Martor UK amongst others provided comprehensive practical advice on health and safety initiatives as well as examples of both good and bad practice.

11 JULY 2012
Russia: Opportunities for UK Plastics Companies
This half day seminar offered delegates the opportunity to discover the tools they would need to do business in the Russian Federation. Practical case studies from companies that already supply the Russian market combined with presentations on tax and getting paid to give delegates a wide-ranging insight into how to do business in this complex market.

2 OCTOBER 2012
PVC: The Positive Sustainable Procurement Choice
This highly popular event, with over 70 attendees, once again provided a forum to discuss the latest sustainability programmes and initiatives in PVC. Featuring a broad spectrum of speakers including a guest presentation from Wayne Hemingway, the seminar gave a comprehensive insight into the issues, challenges and opportunities confronting the PVC industry.

11 OCTOBER 2012
REPLAST 2012: Achieving Plastics Recycling Targets
Providing a skilled examination of the key trends in the recycling industry, this popular event gave delegates the opportunity to listen to a range of expert speakers including Mary Creagh MP the Shadow Secretary of State for the Environment, Food and Rural Affairs. The event explored topics including how the plastics recycling industry can achieve the government plastics recycling targets and a brand owner’s perspective on plastics recycling.

25 OCTOBER 2012
Trends in Plastics Packaging
This BPF Seminar, which took place at the City Ground in Nottingham, drew together the expertise of the leading representatives of the plastics packaging sector. The seminar provided an insight into the current UK market in plastics packaging as well as an examination of waste management and carbon footprinting to provide delegates with a thorough exploration of the sector, its challenges and the opportunities for the future.

14 NOVEMBER 2012
Plastics in Automotive Applications
This seminar was created to give BPF members the opportunity to examine the future of the automotive sector in the UK. With presentations from key global brands including Nissan and Jaguar/Land Rover the event explored the current state of the global automotive industry as well as the requirements of UK manufacturers to provide attendees with a broad insight into the sector.

21 NOVEMBER 2012
Dealing with Chemical Scare Stories: Endocrine Disruption
This member’s only event brought together a number of experts from different fields to examine how the Plastics Industry can deal with the challenges of chemical scare stories. The programme included presentations on the UK Government’s view on the issue as well as insight from European colleagues into how the subject is being tackled in other countries.

5 DECEMBER 2012
Bioplastics: A World of Opportunity
This seminar provided delegates with a number of presentations on essential topics such as the use of Bioplastics in the waste stream and a market overview. These diverse topics were delivered by leading experts who used their knowledge and understanding of the subject to provide a detailed and valuable analysis.
Members of the BPF

### BPF Membership list as of 31 December 2012

<table>
<thead>
<tr>
<th>Additives Suppliers</th>
</tr>
</thead>
<tbody>
<tr>
<td>Addmaster (UK) Ltd</td>
</tr>
<tr>
<td>Americhem Europe</td>
</tr>
<tr>
<td>Aquapurge Ltd</td>
</tr>
<tr>
<td>Astropol Ltd</td>
</tr>
<tr>
<td>Baerlocher UK Ltd</td>
</tr>
<tr>
<td>BASF</td>
</tr>
<tr>
<td>Bayer Plc</td>
</tr>
<tr>
<td>Chemson Ltd</td>
</tr>
<tr>
<td>Chentura Manufacturing UK Ltd</td>
</tr>
<tr>
<td>Colloids Ltd</td>
</tr>
<tr>
<td>ColorMatrix Europe Ltd</td>
</tr>
<tr>
<td>Croda Chemicals Europe Ltd</td>
</tr>
<tr>
<td>Eastman Company UK Ltd</td>
</tr>
<tr>
<td>eChem Ltd</td>
</tr>
<tr>
<td>Exxon Mobil Chemical Ltd</td>
</tr>
<tr>
<td>Gabriel-Chemie UK Ltd</td>
</tr>
<tr>
<td>Hubron (International) Ltd</td>
</tr>
<tr>
<td>IKA (UK) Ltd</td>
</tr>
<tr>
<td>IMCD UK Ltd</td>
</tr>
<tr>
<td>Kronos Ltd</td>
</tr>
<tr>
<td>MINELECO Specialities Ltd</td>
</tr>
<tr>
<td>Mitsui &amp; Co UK plc</td>
</tr>
<tr>
<td>Omya UK Ltd</td>
</tr>
<tr>
<td>RaKeM Ltd</td>
</tr>
<tr>
<td>Reagens UK Ltd</td>
</tr>
<tr>
<td>Rohm and Haas Company</td>
</tr>
<tr>
<td>Wells Plastics Ltd</td>
</tr>
<tr>
<td>West &amp; Senior Ltd</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Bio-based &amp; Degradable Plastics</th>
</tr>
</thead>
<tbody>
<tr>
<td>A&amp;O Filmpac Ltd</td>
</tr>
<tr>
<td>BASF</td>
</tr>
<tr>
<td>Colloids Ltd</td>
</tr>
<tr>
<td>EPI (Europe) Ltd</td>
</tr>
<tr>
<td>Novamont S.P.A</td>
</tr>
<tr>
<td>Omya UK Ltd</td>
</tr>
<tr>
<td>Symphony Environmental</td>
</tr>
<tr>
<td>Wells Plastics Ltd</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Business Support Network</th>
</tr>
</thead>
<tbody>
<tr>
<td>Barclays Bank Plc</td>
</tr>
<tr>
<td>Greystone Financial Services Ltd</td>
</tr>
<tr>
<td>Impact Solutions Ltd</td>
</tr>
<tr>
<td>Listgrove Ltd</td>
</tr>
<tr>
<td>London Metropolitan University</td>
</tr>
<tr>
<td>Loughborough University</td>
</tr>
<tr>
<td>PERA Innovation Ltd</td>
</tr>
<tr>
<td>PICME Ltd</td>
</tr>
</tbody>
</table>

| Polymer IRC                         |
| Polymer Training & Innovation Centre|
| Solutions4Polymers Ltd              |
| Travers Smith                       |
| Willis Commercial Network           |

<table>
<thead>
<tr>
<th>Cellular PVC-U</th>
</tr>
</thead>
<tbody>
<tr>
<td>Deceuninck Ltd</td>
</tr>
<tr>
<td>Epwin Group Plc</td>
</tr>
<tr>
<td>Kestrel BCE Ltd</td>
</tr>
<tr>
<td>Latiunm Building Products</td>
</tr>
<tr>
<td>LB Plastics Ltd</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Composites</th>
</tr>
</thead>
<tbody>
<tr>
<td>Forbes Technologies Ltd</td>
</tr>
<tr>
<td>Hygrade Industrial Plastics Ltd</td>
</tr>
<tr>
<td>Llewellyn Ryland Ltd</td>
</tr>
<tr>
<td>Plasticon UK</td>
</tr>
<tr>
<td>Solent Composite Systems Ltd</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Expanded Polystyrene (EPS)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Chemtura</td>
</tr>
<tr>
<td>Domestic &amp; General Insulation Ltd</td>
</tr>
<tr>
<td>DS Smith Plastics Foam Products Ltd</td>
</tr>
<tr>
<td>Energystore</td>
</tr>
<tr>
<td>Hirsch Maschinenbau GmbH</td>
</tr>
<tr>
<td>Ineos Styrenics</td>
</tr>
<tr>
<td>Insta Group</td>
</tr>
<tr>
<td>Jablite</td>
</tr>
<tr>
<td>Moulded Foams Ltd</td>
</tr>
<tr>
<td>Peterhead Box Company</td>
</tr>
<tr>
<td>Polimeri Europa UK Ltd</td>
</tr>
<tr>
<td>Simplipac Ltd</td>
</tr>
<tr>
<td>Springvale Insulation Ltd</td>
</tr>
<tr>
<td>Springvale Ltd</td>
</tr>
<tr>
<td>Styrochem Finland Oy, UK Regional Office Sondolitt Ltd</td>
</tr>
<tr>
<td>Sunpor</td>
</tr>
<tr>
<td>Thulcraft Ltd</td>
</tr>
<tr>
<td>Vita Cellular Foam Ltd (Kay-Metzeler)</td>
</tr>
<tr>
<td>Warmfill Ltd</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flexible Foam</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carpenter Ltd</td>
</tr>
<tr>
<td>Recticel UK Ltd</td>
</tr>
<tr>
<td>Vita Cellular Foams UK Ltd</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Flexible Foam Converters</th>
</tr>
</thead>
<tbody>
<tr>
<td>Breasley Pillows Ltd</td>
</tr>
<tr>
<td>Comfortex Ltd</td>
</tr>
<tr>
<td>Duflex Ltd</td>
</tr>
</tbody>
</table>

| Foams 4 Sports Ltd                  |
| Livedale Foam & Sundries            |
| Platt & Hill Ltd                    |

<table>
<thead>
<tr>
<th>Industrial Plastics Welding and Fabrication (IPWAF) Members</th>
</tr>
</thead>
<tbody>
<tr>
<td>Abbey Distribution</td>
</tr>
<tr>
<td>Advanced Plastic Technology Limited</td>
</tr>
<tr>
<td>Barkston</td>
</tr>
<tr>
<td>Plastipack Ltd</td>
</tr>
<tr>
<td>TWI Ltd</td>
</tr>
<tr>
<td>Welwyn Tool Group</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Masterbatch &amp; Technical Compunds</th>
</tr>
</thead>
<tbody>
<tr>
<td>A Schulmann Inc. Ltd</td>
</tr>
<tr>
<td>Addmaster (UK) Ltd</td>
</tr>
<tr>
<td>Americhem Europe</td>
</tr>
<tr>
<td>Broadway Colours</td>
</tr>
<tr>
<td>Colloids Ltd</td>
</tr>
<tr>
<td>ColorMatrix Europe Ltd</td>
</tr>
<tr>
<td>ColourTone Masterbatch Ltd</td>
</tr>
<tr>
<td>Gabriel-Chemie UK Ltd</td>
</tr>
<tr>
<td>Hubron (International) Ltd</td>
</tr>
<tr>
<td>Performance Masterbatches Ltd</td>
</tr>
<tr>
<td>Prisma Colour Ltd</td>
</tr>
<tr>
<td>Silvergate Plastics</td>
</tr>
<tr>
<td>Wells Plastics Ltd</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Moulders and Specialist Processors</th>
</tr>
</thead>
<tbody>
<tr>
<td>A K Industries Ltd</td>
</tr>
<tr>
<td>AAC Plastics Group Limited</td>
</tr>
<tr>
<td>Aeroplus (UK) Limited</td>
</tr>
<tr>
<td>Agentdraw Ltd</td>
</tr>
<tr>
<td>Algramp Group Ltd</td>
</tr>
<tr>
<td>Avalon Plastics Limited</td>
</tr>
<tr>
<td>Bemis Ltd</td>
</tr>
<tr>
<td>Big Bear Plastic Products Ltd</td>
</tr>
<tr>
<td>Birkbys Plastics Ltd</td>
</tr>
<tr>
<td>BNL (UK) Ltd</td>
</tr>
<tr>
<td>Bolton Plastic Components Ltd</td>
</tr>
<tr>
<td>Broanmain Limited</td>
</tr>
<tr>
<td>C J Tool and Mouldings</td>
</tr>
<tr>
<td>Calsonic Kansei Washington</td>
</tr>
<tr>
<td>Carlo</td>
</tr>
<tr>
<td>Carlo Technical Plastics</td>
</tr>
<tr>
<td>Champion Mouldings Ltd</td>
</tr>
<tr>
<td>Cinram Operations UK Ltd</td>
</tr>
<tr>
<td>Contico Europe Ltd</td>
</tr>
<tr>
<td>Daniels Healthcare Ltd</td>
</tr>
<tr>
<td>Data Plastics</td>
</tr>
<tr>
<td>Denroy</td>
</tr>
<tr>
<td>Desch Plantpak</td>
</tr>
<tr>
<td>DS Smith Plastics – Worldwide Dispensers</td>
</tr>
</tbody>
</table>

| Polymer IRC                                         |
| Polymer Training & Innovation Centre                |
| Solutions4Polymers Ltd                              |
| Travers Smith                                       |
| Willis Commercial Network                            |
DuBois
Eaton Limited
Fiskars UK Ltd
F-L Plastics Ltd
Flambeau Europlast Ltd
Forteq UK Limited
Frontier Plastics Ltd
Goodfish Ltd
Hallam Plastics Ltd
Harald Fisher (Plastics) Ltd
HM Prison Service
Hozelock Ltd
Hunter Plastics Ltd
Intier Automotive Interiors Ltd
Johnstone Safety Products Ltd
Labone Castleside Ltd
Lettergold Plastics Ltd
Linpac Packaging
Mclaren Plastics Limited
Measom Freer Ltd
Mecaplast Peterlee Ltd
Melba Products Ltd
Mollertych UK Ltd
Moss Plastic Parts Ltd
Northern Ireland Plastics Limited
Northpoint Ltd
Numatic International Ltd
Oxford Plastics Systems Ltd
Peak Plastics Limited
Piolax Manufacturing Ltd
P-M Plastics Ltd
Plastic Omnium Automotive Ltd
Polymermedics
RGE Engineering Co
Ricoh UK Products Ltd
Rosli McKehnie Ltd
RPC Group Plc
R-TEK Limited
Sherwood Plastic Products
SMR Automotive Mirrors UK Ltd
SPM Plastics Ltd
Sterlin Ltd
Stewart Plastics Ltd
Straight PLC
Strata Products Ltd
Taylor Engineering and Plastics
Tex Plastic Products Ltd
Tex Plastics Ltd - Derby
Thumbs Up (Bury) Ltd
TS (UK) Ltd
TS (UK) Ltd
W H Smith & Sons (Tools) Ltd
Warden Plastics
Wellonhurst
West Pharmaceutical Services Ltd
Zotefoams

Packaging
Alpla UK Ltd
Artenius PET Packaging UK Ltd
Automated Packaging Systems Ltd
Avent Ltd
Bericap (UK) Ltd
Blowplast Ltd
Canyon Europe Ltd
Constar International UK Ltd
Esterform
F-L Plastics Ltd
Global Closure Systems UK
Graham Packaging
Highland Spring Ltd
JF McKenna Ltd
Jubb UK Ltd
Linpac Packaging
Logoplaste
M&H Plastics
McBride Ltd
Measom Freer Ltd
Nampak Plastics Europe
Nolato Jaycare Ltd
Plastek UK Ltd
Plastic Bottle Supplies Ltd
Portola Packaging Ltd
Promens Packaging Ltd
Robinson Plastic Packaging Ltd
RPC Group Plc
Schoeller Allibert
Sharpak Bridgwater Limited
Solo Cup Europe
Spectra Packaging Solutions Ltd
TS (UK) Ltd

Plastics Pipes Group
Aco Technologies plc
Aliaxis UK
Asset International Ltd
Borealis UK Ltd
Clark Drain Ltd
Durapipe UK
Geberit Sales Ltd
George Fischer Sales Ltd
Glywedd Pipe Systems Ltd
Hunter Plastics
Hydro International
INEOS Vinlyks UK Ltd
John Guest Ltd
Marley Plumbing & Drainage
Mc Alpine and Co Ltd
PipeLife UK
Polypipe Building Products
Polypipe Civils Ltd

Polypipe Terrain Ltd
Rehau Ltd
Sustainable Drainage Systems Ltd
Total Petrochemicals Ltd
Uponor Housing Solutions Ltd
Wavin Ltd

Plastics and Rubber Equipment
AutoDesk
Billion UK Ltd
Boston Matthews
Buhler
CCS Technology
Cinpres Gas Injection
C R Clarke
Engel
Farrel
Filton
Formech
Intouch Monitoring
IDT Systems
INSTRON
IQMS
Lloyd Instruments Ltd
Magenta
Meech
MSA Engineering
NDC Infrared
The R&D Factory
Recycling.com
Rondol Technology
Solarsoft Business Systems
Think Stothard
Tinus Olsen
Trans XL
Waste Web Ltd
Xtrutech

Polymer Distributors & Compounders
4Plas Ltd
ALBIS UK Ltd
Alphagary Ltd
Biesterfeld Petroplas Ltd
Distrupol Ltd
Elasto UK Ltd
Gazechim Plastics UK Ltd
Hardie Polymers
Hellyar Plastics
Nexeo Solutions
Perrite
Plastribution Ltd
Resinex UK Ltd
Members of the BPF

Resin Trade Ltd
Sumika Polymer Compounds (UK) Ltd
Teknor Apex UK Ltd
Ultrapolymers Ltd

**Polymer Suppliers**
Arkema
Axion Recycling Ltd
Basell Polyolefins UK Ltd
Bayer Plc
Berwin Group
Dugdale Plc
DuPont (UK) Limited
Eastman Company UK Ltd
EMS Chemie UK Ltd
ExxonMobil Chemical Ltd
INEOS ChlorVinyls
JSP International Ltd
Lanxess Ltd
Luxus Ltd
Plastic Technology Services Ltd
SABIC UK Ltd
Solvay Polymers Ltd
Vinnolit Ltd

**Recycling Group**
2K Manufacturing Ltd
AWS/Eco Plastics Limited
Axion Recycling
Biffa Polymers
Boomerang Plastics
BPI Recycled Products
C K Plastic Recycling Ltd
Centriforce Products Ltd
Chase Plastics
CL Rye Trading Ltd
Closed Loop Recycling
Cromwell Polythene Ltd
Dennison UK Ltd
DS Smith Recycling
Ecodek Vannplastic
Environcom Group
Greenstar WES
Jayplas (J & A Young -Leicester- Ltd)
JFC Plastics Ltd
Luxus
Norpol Recycling Limited
Oxford Plastics Systems Ltd
PET Processors (UK) LLC
Philip Tyler Polymers Ltd
PPR WIPAG Ltd
RECOUP
Recycled Polymer Ltd
Regain Polymer Ltd
Repro Plastics Ltd
Roydon Polythene Ltd
R&P Recovery Ltd
Sibani Eco Plastics Ltd
Simba International (UK)
Sims Group UK Ltd
Summit Systems
TDG Recycled Plastics
Veka Recycling Ltd
Viridor Polymer Recycling Ltd
Wellman Recycling

**Rotational Moulding**
493K
ACO Technologies PLC
Balmoral Group Ltd
Corilla Plastics
Crompton Mouldings
Fitsco Industries
Francis Ward
ICO Polymers Ltd
Impact Solutions
JFC Manufacturing (Europe) Ltd
JSC Rotational
Kirkdale 2000
Leafield Environmental Limited
Mailbox Mouldings International Ltd
Micropol Limited
Orchid Plastics
Queens University Belfast
Rotational Mouldings Ltd
Rotomotive Ltd
Rototek(a trading name of Trent Mouldings Ltd)
Steel Tool Solutions
Tecni-Form Ltd
Total Petrochemical
Ultrapolymers

**Sheet & Coated Fabrics**
Altro Limited
Fenner Plc
Palram D P L Ltd
Polyflor Ltd
Tarkett-Marley Floors Limited
Wardle Storeys

**Vinyls**
Aliaxis UK
Altro Floors
Arkema Group
Baerlocher UK
Berwin Group
Chemson Ltd
Dugdale Plc
ExxonMobil Chemical Ltd
INEOS ChlorVinyls
Polyfloor UK Ltd
Polypipe Plc
Renolit Cramlington Ltd
Rohm & Haas Company
Solvay Polymers Ltd
UKRFA
Vinnolit Ltd
Wavin Ltd

**Windows**
Bowater Building Products Ltd
Bowater Windows Limited
Chemson Ltd
Deceuninck Ltd
Duraflex (Masco UK)
Epwin Group Plc
Eurolcell
Folit Ltd
Groupco Ltd
LB Plastics Ltd
Listers Trade Frames Ltd
Mitsui & Co UK plc
Network Veka Plc
Profile 22 Systems
Rehau Ltd
Renolit Cramlington Ltd
Rohm and Haas Europe
Snowdonia (Windows & Doors) Ltd
Spectus Window Systems
Swish Window & Door Systems
Halo
Zenith Staybrite Ltd
BPF Affiliates, Council and Staff

The Council of the British Plastics Federation as of 31 December 2012

**PRESIDENT**

Philip Watkins  
Gabriel-Chemie UK

**POLYMER SUPPLIERS**

Paul Jukes  
Total Holdings UK Ltd  
Mike Boswell  
Vice-President / Plastribution  
Brian Cosgrove  
Solvay Polymers  
John Ellis  
Bayer MaterialScience

**ADDITIONS SUPPLIERS & SPECIALIST COMPOUNDERS**

Greg Hammond  
Gabriel-Chemie UK  
Andy Jones  
Baerlocher UK  
John Steadman  
Aquapurge  
Philip Watkins (President)  
Gabriel-Chemie UK

**PROCESSORS**

Martin Althorpe  
Spectus Windows System  
Jason Crump  
Tarkett  
David Hall  
Polypipe  
Bruce Margetts  
RPC Containers  
Philip Maddox  
Leafield Environmental  
Stephen Mancey  
Logoplaste

**EQUIPMENT**

Chris Francis  
Meech International

**RECYCLING GROUP**

Roger Baynham  
Philip Tyler Polymers

**REPRESENTATIVES**

Paul Booth  
PlasticsEurope (SABIC)

**HON. TREASURER**

Brian V Mann  
Rosti McKechnie

**EX OFFICIO MEMBERS**

Peter R C Davis  
Director-General BPF  
Philip K Law  
Public & Industrial Affairs  
Director BPF

**FEDERATION SECRETARY**

Alan V Davey  
Finance & Administration  
Director BPF

**COUNCIL SECRETARY**

Fozia Ghadiali  
PA to Director-General

**Staff of the British Plastics Federation as of 31 December 2012**

Caroline Ayres  
Plastic Pipes Group Director*

Paul Baxter  
Commercial Events & Projects Executive

Jonathan Bloom  
Senior Industrial Issues Executive

Sue Cocks  
Caterer (part-time)

Carol Day  
Pipes Group Secretary*

Alan Davey  
Finance and Admin Director

Peter Davis OBE  
Director-General

Justyna Elliott  
Senior Business Development Executive

David Emes  
EPS Chairman

Helen Fogarty  
Administrator: BPF/PlasticsEurope

Dan Frake  
Finance Assistant

Angela Fredericks  
Business Development Executive (Maternity Cover)

Fozia Ghadiali  
PA to Director-General

Mercia Gick (Dr)  
Senior Issues Advisor* (part-time)

Lewis Hanlon  
Administrative Assistant (part-time)

Kim Hawksworth  
Marketing Executive

Stephen Hunt  
Business Development Manager

Paul Jervis  
Windows Group Technical Consultant*

Frank Jones  
Pipes Group Consultant*

Angella Ladner  
Finance and IT Executive

Philip Law  
Public and Industrial Affairs Director

Tim Marsden  
Senior Projects Executive

Francisco Morcillo  
Executive – Industrial Issues

Helen Pailing  
PA to Philip Law (part time)

Sarah Plant  
Senior Industrial Issues Executive

Christine Pottinger  
Receptionist (part-time)

David Thompsett  
EPS Consultant*

David Waite  
Flexible Foam Group Divisional Executive*

Carole Wheeler  
Finance & Office Administrator

*not based at BPF House, London

**Affiliated Associations**

Gauge and Toolmakers Association (GTMA)

Northern Ireland Polymers Association (NIPA)

Packaging and Films Association (PAFA)

Plastics Consultancy Network (PCN)

Plastics Europe

Scottish Plastics and Rubber Association (SPRA)

Insulating Concrete Formwork Association (ICFA)
BPF Events 2013

19 MARCH 2013
Financing Growth in the Plastics Industry

24 APRIL 2013
Health and Safety Seminar

3 OCTOBER 2013
PVC Seminar

11 OCTOBER 2013
BPF Annual Dinner

6 NOVEMBER 2013
REPLAST 2013 – Plastics Recycling Seminar

21 NOVEMBER 2013
Plastics in Packaging Seminar

28 NOVEMBER 2013
Plastics in Automotive Applications

4 DECEMBER 2013
Plastics in Medical Applications

29 JANUARY – 1 FEBRUARY 2013
Interplastica (Moscow, Russia)

20 – 23 MAY 2013
Chinaplas (Guangzhou, China)

16 – 23 OCTOBER 2013
K 2013 (Dusseldorf, Germany)

7 JANUARY – 10 JANUARY 2013
Arabplast (Dubai, UAE)

12 – 16 DECEMBER 2013
Plastivision (Mumbai, India)