ANNUAL REVIEW 2007

Don’t work in isolation
## CONTENTS

<table>
<thead>
<tr>
<th>Section</th>
<th>Page</th>
</tr>
</thead>
<tbody>
<tr>
<td>The BPF and 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 &amp; Industrial Affairs</td>
<td>8</td>
</tr>
<tr>
<td>• Promoting UK Plastics to Global Markets</td>
<td>10</td>
</tr>
<tr>
<td>• Website</td>
<td>10</td>
</tr>
<tr>
<td>• International Investment &amp; Trade</td>
<td>12</td>
</tr>
<tr>
<td>• Business Support Network</td>
<td>16</td>
</tr>
<tr>
<td>• BPF Business Groups</td>
<td>18</td>
</tr>
<tr>
<td>• BPF Central Expert Committees</td>
<td>30</td>
</tr>
<tr>
<td>• BPF: A Springboard for Innovation</td>
<td>14</td>
</tr>
<tr>
<td>• BPF Annual Dinner</td>
<td>34</td>
</tr>
<tr>
<td>• Horners’ Award</td>
<td>35</td>
</tr>
<tr>
<td>BPF Council, Staff and Affiliated Organisations</td>
<td>36</td>
</tr>
</tbody>
</table>
The British Plastics Federation (BPF) is the leading trade association of the UK Plastics Industry, representing approximately 70 per cent of its turnover. The Federation is a platform for Industry Action that exists to exploit common opportunities and resolve shared issues. Set up by UK Plastics manufacturers in 1933, as the world’s first plastics Federation, to provide a voice for the industry, the BPF has evolved the service offering to members to be far more than simply a voice. Members themselves are increasingly seeing the BPF as a much broader, proactive organisation that delivers on a range of Group-driven objectives supporting the industry and providing value through commercial opportunities.

**About the BPF**

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

**Key Membership Benefits**

1. **Information** essential to helping companies adapt to new and changing legislation and commercial pressures is made available to the membership. This is supplemented by unique Business Trends information and Benchmarking data. Members receive weekly updates and quarterly roundups on key commercial and regulatory issues impacting on the plastics sector. Detail can be accessed 24/7 through the Extranet.

2. **Group Activity** – The Group network, bringing together different sectors of the industry and activity, each chaired by an industry representative. Each Group provides a platform to focus BPF support on the needs of that particular sector and provides a platform to establish projects or steer existing activities. Meetings provide a valuable Networking forum and an opportunity to discuss key issues.

3. **Lobbying Voice** – the BPF is the ‘Members’ collective voice to the Media, Government and other Decision Makers and Stakeholders across the UK and the EU, working to protect and promote the interests and views of Members in a range of areas including energy costs, unjust discrimination against plastics, emerging legislation, and training.

4. **The BPF Website,** receiving 3,000-4,000 visits per day, has been ranked number one out of about 88 million sites on Google.com and Google.co.uk.

**The Plastics Processing Industry in the UK**

<table>
<thead>
<tr>
<th>Material Processed</th>
<th>People employed</th>
</tr>
</thead>
<tbody>
<tr>
<td>Plastic materials produced</td>
<td>186,000</td>
</tr>
<tr>
<td>Processor sales turnover</td>
<td>3,000</td>
</tr>
<tr>
<td>Value of exports</td>
<td>7,400</td>
</tr>
<tr>
<td>Value of exports</td>
<td>19 billion</td>
</tr>
</tbody>
</table>

**UK Plastics Consumption (ktonnes) 1973-2007**

**Unity is a key element of the industry’s competitive strength and many of its achievements have been forged through the British Plastics Federation.**

Calum Forsyth, group managing director of Wavin UK
The BPF Council of Members supervises the Federation’s activity, and is made up of 25 senior level Member representatives elected from the Membership.

The BPF remains “non-profit”, distributing and all income is ultimately directed to support the UK Plastics sector’s aims and objectives.

for “plastics”). 2007 saw the start of a redevelopment project to increase its high profile, growth and value for members.

International Business Development – In addition to organising participation and grants for companies visiting overseas exhibitions and markets, BPF Members have access to an extensive database of international information and BPF experts are on hand to support Members’ strategic development into new markets.

Sales leads delivered by Email to Members’ desks through the BPF’s Plastics and Rubber Advisory Service (PRAS) linking International customers with UK manufacturers.

Health and Safety – Industry professionals collaborate to ensure members receive regular Health & Safety updates and the basic tools essential for developing and maintaining a safe factory environment and complying with existing and upcoming legislation. Safety alerts and case studies are exchanged.

Legal Support Helpline – All BPF Members can access FREE Legal Support covering Tax, VAT, PAYE, Payroll, Employment and Personnel, Health and Safety and Commercial legal issues.

Kompass Database – The Kompass website is a powerful sales and marketing tool that can save time and make money with the following activities:

- Sourcing new sales leads
- Creating targeted marketing lists
- Researching new suppliers
- Investigating competitors
- Identifying potential business partners
- Assessing a company’s financial status

Membership ‘Business Benefits’ – In 2007 the BPF started working with LogBuy to create a partnership that will offer a discount service for our members. The launch will be in 2008 and it will see members benefit from discounts with well known retailers.

Plastics by application

Plastics by process (number of companies)
I am pleased to report that the Federation had a strong year both in terms of achievement and financial performance. Once again members’ subscriptions only accounted for 50% of income making BPF membership excellent value for money in delivering high quality representation and services.

The cost of oil and energy affects the competitiveness of all our members and is a continuing source of concern. The high oil price directly impacts on our raw materials and profitability. There is no shortage of supply. It seems driven by political uncertainty and speculation. On UK energy costs and security of supply the Government must move faster on replacing old nuclear power capacity and getting more energy from waste facilities built. Otherwise we are at the mercy of energy imports and real risks of supply shortages.

During the consultation periods for the Government’s Energy and Waste strategies we did much lobbying on the need to avoid used plastics being landfilled, the need for more recycling and much more energy from Waste (EWF) capacity. I am pleased to report that the ‘Waste Strategy for England 2007’ calls for EWF to account for 25% of municipal waste by 2020 compared to 10% today. The Strategy repeats a BPF argument: “Recovering energy from waste which cannot be sensibly re-used or recycled is an essential component of a well-balanced energy policy. Denmark for instance derives 3.6% of its electricity supply from municipal waste.”

The Government’s ‘Meeting the Energy Challenge’ White Paper stated “Energy generated either directly from waste or through the use of a refuse derived fuel has benefits for security of supply.” It’s very good news that the BPF is close to agreeing with DEFRA a Climate Change Agreement whereby eligible plastics companies can get an 80% discount on the much disliked Climate Change Levy in exchange for achieving tough energy reduction targets. This has taken a great deal of negotiation and should be up and running in mid to late 2008. Unfortunately, due to Government criteria, not all firms will be eligible.

The EPS Packaging Group had an inspiring stand made of EPS at 100% Design

Plastics in marine litter are generating some bad publicity for our material. In fact the BPF joined ENCAMS, best known for its Keep Britain Tidy campaign, in 1998 because of our concern over this problem. It’s caused not just by bad behaviour littering our beaches but also illegal dumping at sea where most of the waste sits on the sea bed, but plastic floats and is visible. Undoubtedly tougher codes of practice and higher fines are needed. I was present at a BPF meeting with ‘Surfers against Sewage’ to discuss this problem. As a result we urged all member companies to check their waste management and ensure that valuable plastics were not flushed into rivers or the sea.

Used plastics are a valuable resource and there is no excuse for them to be in seas or rivers.

In November I chaired a meeting of the Chairmen of our BPF Business Groups and Committees and it was really stimulating to hear of all the good work they are carrying out on industry’s behalf, which you will read about in the pages ahead. I will single out two good initiatives: the PVC in construction regional presentations on the benefits of PVC to specifiers got off to a good start in June at the Emirates Stadium in London. The EPS Packaging Group had an inspiring stand made of EPS at the 100% Design Exhibition in September featuring winning designs in their design competition.

As a Past President of the Pipes Group I think we can all learn from each other and share best practice, rather than reinvent the wheel.
With the UK’s appalling Trade Deficit it’s essential that the BPF continues its vital work in developing trade with key target markets. In 2007 for the first time we took plastic companies to Arabplast in Dubai in January and Plast Eurasia in Turkey in December, supported by UK Trade and Investment. These are both growing plastics economies and the companies we took had high levels of inquiries. The British contingent had one of the largest pavilions at the Plast Eurasia show.

We also arranged for British firms to exhibit at Chinplas in Guangdong and took 112 British companies to Kunststoffe in Dusseldorf in October. We had two British pavilions, supported by UKTI in this vast international show and staged several seminars.

I’ve always been impressed by the good attendance at the BPF’s regular seminars. It shows we are providing a needed service to members and non-members alike (the former get a substantial discount). Our seminar ‘Plastics and the Sustainable Vehicle’ attracted fifty five delegates. Forty five came to ‘Plastics in Construction – The Road Ahead’ and forty attended ‘Manual Handling and Noise in the Workplace’.

Seventy delegates attended our ‘Bio-polymers and Bio-degradable Plastics’ seminar and many stopped to speak to the ‘Surfers against Sewage’ and mermaids demonstration outside. We held seminars on REACH but continue to be concerned at our industry’s lack of preparedness for its implementation.

Our staff is of course keeping in close touch with the London 2012 Olympics Delivery Authority to ensure they are aware of the innovatory and sustainability arguments for plastics and also that our members are aware of the publication of tenders.

For sometime now we have been preparing for the BPF’s 75th Anniversary celebrations in 2008. We will be celebrating the past achievements of the BPF, the first plastics association in the world, but also looking forward at opportunities over the next three decades. We have put up in our members’ lounge photographs of all Presidents and Chairmen back to our beginnings. Our 2007 Christmas card featured a painting of our building at Bath Place and contained a list of all our 2008 events.

The theme for my Presidency is ‘Fit of the Future’ and this report clearly demonstrates the Plastics Industry and the BPF are definitely fit for the future after a very distinguished past.

My thanks on your behalf go to Peter Davis and his team for a most successful year, and many more to come.

Calum Forsyth
President
Probably 2007 will be remarkable for an abrupt deterioration in the economic outlook, partly the result of the US sub prime collapse. For ten years UK growth has relied on rising consumer demand and house prices and heavy Government spending. Inflation has been low and interest rates managed well by the Bank of England. What has been neglected is a worsening Trade Balance with a huge Trade deficit of £51bn on goods alone which is not sustainable in the medium term, and rising Government borrowing predicted to be £43bn.

We see clear signs now of a slowdown, certainly not a recession. Also this year saw substantial political change. Gordon Brown achieved his lifelong ambition and became Prime Minister in late June. The DTI became BERR (Department for Business, Enterprise and Regulatory Reform) and innovation was taken from the DTI and put in a new Ministry DIUS (Department for Innovation, Universities and Skills). A lot of new Ministers were appointed. Nick Clegg became leader of the Liberal Democrats.

**Water and Plastics**

One of the Prime Minister’s first challenges was the devastating flood in Gloucestershire in late July. Here we saw plastics helping out with blue plastic water bowser on street corners, yellow plastic plastics firemen’s hoses for pumping out and Army lorries bringing in water in PET bottles to replace contaminated tap water. All around us in London blue plastics pipes are replacing 772 miles of cracked old water mains to prevent 30% water leakage.

**Attacks on plastic packaging**

Once again we saw sensationalist press campaigns in the ‘Independent’ and the ‘Daily Mail’ attacking overpackaging in all materials. The BPF responded quickly and robustly. Philip Law, Anthony Roberts and I took part in three TV interviews and two radio interviews and I also had a letter published in the ‘Independent’.

We had a meeting on packaging and waste management at the end of March with the then Environment Minister Ben Bradshaw MP and I chaired WRAP’s Recycled PET conference.

The London Councils want food retailers to charge for paper and plastic carrier bags and our friends PAFA and the Carrier Bag Consortium are leading the fight on this, backed by us.

With Plastics Europe and PAFA we are co-operating on taking Retail Workshops

**Plastics played a big part aiding flood relief in Gloucestershire**
on plastic packaging to the six major food retailers. By the year end we had visited three with good results.

Innovation and Education
The year started with the announcement that Cambridge developed flexible plastic semi-conductors were to go into production, an important development with infinite possibilities.

The Materials Knowledge Transfer Network’s Polymer Innovation Network was formally set up with a new Board of which I am a member. The BPF is dealing with PIN’s communications and events. PIN is supported by Government via the Technology Strategy Board and through its Spark awards encourages feasibility studies on innovation projects between companies and universities. We helped organise a very successful PIN Innovation Conference in late November, and encourage our Business Groups to discuss projects with PIN. Plastics companies Americhem and UPM both won Queen’s Awards and I was delighted to attend both awards ceremonies.

The BPF assisted with a number of educational projects. As usual we helped with the Horners’ Polymer Study Tours for secondary school chemistry and D&T teachers. We assisted with the excellent “Plasticity” exhibition at the Science Museum, London which runs until January 2009. Bayer opened a well equipped Materials Centre for school children in the Tower of London and I led the pro-plastics team in Plastic Europe’s Youth Parliament at London’s City Hall on 26th November. It was stimulating to see how the young people threw themselves into the subject. The best youth debaters from across Europe will take part in a play off in 2008.

Staff and Premises
We started the year with three staff vacancies which put extra pressure on other staff members in the first quarter. We welcome on to the staff Chris Pottinger, Tim Marsden, Sarah Plant, Kevin Longworth, Lewis Hanlon, Philip Batten and Johanna Keane. Our marvellous caterer Rene Perrott retired in the summer after 17 years and the Council and the BPF gave her an affectionate send off.

Stephen Hunt was promoted to Business Development Manager and Anthony Roberts to Senior Executive Public Affairs. We secured a fourth tenant for our building so we are now fully occupied. With the November opening of the stunning new St Pancras Eurostar terminal, only two underground stops from our office we reminded all the European and National Plastics Associations that the BPF Offices are ideal for holding European meetings.

We were sorry to hear of the passing away of a former member of staff Pam Gibson who manned the BPF’s Environmental helpdesk in the 1990’s.

I attended the funeral in October of Hac Collinson, Chairman of the BPF 1964-66. Hac was a marvellous man who gave so much to the industry and enlivened our Past President’s lunches with his humorous speeches.

I must thank our Directors Philip Law and Alan Davey whose enthusiasm and creativity knows no bounds. Also Calum Forsyth our President for his strong support and advice and all our members who give time to serve on our Council, Committees and Groups.

Peter Davis OBE, FRSA
Director General
DEEPENING MEMBERSHIP BENEFITS &

Philip Law
Public & Industrial Affairs Director

TELEPHONE
020 7457 5000
EMAIL
plaw@bpf.co.uk

Again 2007 was a year of strong progress in every aspect of BPF’s Public & Industrial Affairs programme. Membership continued to grow with 25 new members joining the BPF. The BPF website is developing into a considerable business asset for the Federation now with over 1 million visitors per annum and companies are finding this not only as an extremely attractive means of promoting their services but also as a vehicle to draw companies to their own website and to increase their own visitor rates. The BPF export effort, to some extent funded by UK government, has to be open to non-members and our participation in trade fairs has also exposed us to new membership prospects, notably at the Kunststoffe fair where two companies completed their applications on the spot.

BPF’s marketing programme for 2007 continued at a vigorous pace. Work commenced on overhauling and updating the website which had continued for four years in the same format. The new website will be ready for re-launch in the third quarter of 2008, with improved aesthetics, improved navigability and greater compatibility with the needs of users.

The BPF organised 11 seminars in 2007 and the programme included a blend of market, product and issue reviews. Each featured speakers uniquely accessible through the BPF and were based on the BPF’s core strengths as an organisation.

The BPF also continued to benefit from financial support from UK Trade and Investment (UKTI), although the funding is less and harder to access. We participated in UKTI’s fundamental strategic review and supported the emergence of one of its key themes: the UK as a source of ‘Advanced Engineering’. We had a physical presence at four trade fairs in overseas markets and actively supported a fifth – Chinaplas 2007. Our largest venture was Kunststoffe where we had 35 companies on our two UK branded sites and a total of 112 companies in the fair in total. In the UK market the BPF exhibited at the PDM fair in Telford for the first time. The BPF developed further in creating a focal point for innovation in the industry. We expanded the portfolio of third-party funded research and development projects with benefit to the industry and had involvements in eight live projects by the end of 2007. These were either EU or UK government funded and typically the BPF has communications and dissemination responsibilities. In 2007 we also embarked in a relationship with the Polymer Innovation Network (PIN) and agreed a contract to provide PIN with a variety of communications services.

In terms of resolving key industry issues, BPF was confronted with an overhaul of governmental responsibilities with the former DTI evolving into the Department of Business, Environment and Regulatory Reform (BERR). There was a change of Ministerial team and a shift in emphasis in the ethos of the new department with the loss of a specific focus for plastics in the civil service team. Nevertheless BPF was able to secure a meeting with Ben Bradshaw, a DEFRA Minister with waste management responsibilities. We involved PlasticsEurope in this and agreement was reached on the need for wider deployment of energy from waste facilities in the UK.

Sustainable construction was a major issue through the year with the industry extremely alive to the imminent publication of the BRE’s Green Guide to Specification. The BRE is the former governmental research institution for building and is emerging as a fountainhead of thinking on sustainable construction. The Guide is regarded as a ’Bible’ by public sector specifiers and the windows, insulation, and flooring interests in the Federation worked extraordinarily hard to provide BRE with the best available data to support new ratings.

Pressure on plastics packaging intensified during the year and with bottles and bags very much in focus. The confusing responses of retailers to governmental pressures, notably the ‘Courtault Commitment’ prompted the BPF to propose a programme of seminars to be staged by the BPF, PlasticEurope and PAFA, for individual retailers in their premises and involving their key staff. These were held with Morrisons and Asda whilst smaller dedicated meetings were conducted with the packaging strategists of Marks & Spencer and the Co-op. With its strong consumer interest the packaging issue brought several opportunities for the BPF to articulate its message on TV and Radio.

Manufacturers of technical applications have been particularly badly hit by increasing energy prices. They were offered relief from the risks of energy buying by access to the wholesale energy market through a BPF scheme agreed with energy systems provider Inenco. BPF used its best endeavours to secure a Climate Change Agreement for the plastics processing industry and it is hoped that in 2008 this quest will be finally successful.

Key Achievements 2007

- 25 new members
- Over 1 million web visitors
- Delivered 11 well received seminars briefing 500 industry specialists
- Provided platforms at trade shows for 150 exporting companies
- A key influencer on over 100 vital industry issues
Following on from the successful launch of the Exporters Toolbox, 2007 saw the unveiling of the REACH Toolbox.

The aim of the BPF REACH toolbox is to help members understand their responsibility and equip them with the tools required to effectively deal with REACH. The BPF REACH team put together a variety of articles, tools and useful links so that any member company looking to gather information on REACH can do so in an easy one-stop-shop solution – the REACH Toolbox.

BPF continued its considerable support for the array of European associations for the plastics industry both through payments of subscriptions and through staff and member effort.

Our representatives were as follows:

**EuPC (Plastics converters)**
- David Williams (EuPC President)
- Peter Davis & Philip Law

EuPC constituent organisations:

**EPPA (Windows)**
- Mercia Gick

**EuCIA (Composites)**
- Kevin Longworth

**EUMEPS Construction (EPS)**
- Chris Stride &
- Gavin Birnie (Styropack)

**EUMEPS Packaging (EPS)**
- Anthony Roberts &
- Tony Pruchniewicz (Moulded Foam)

**EUROPUR (PU foam)**
- Dr David Waite &
- Dr Ken Hillier (The Vita Group)

**TEPPFA (Pipes & fittings)**
- Frank Jones

**EUROMAP (Machinery Suppliers)**
- Philip Law

www.bpf.co.uk
PLASTICS AND THE WORLD WIDE WEB

BPF online continues to attract record amounts of visitors each year. 2007 saw the site surpass, the one million hits, that were achieved in 2006 and the site can now boast unique visitor rates of over 35,000 a month. The success of the site can be attributed to several key factors including extensive work on search engine optimisation along with electronic links across the industry. It is also thanks, in no small part, to the revamp of the Industry Directory which was completed in 2006. All of these aspects have contributed to the BPF remaining at number two out of 39,400,000 sites under the search term ‘plastics’ in the google search engine.

The success of the Industry Directory has prompted a re-design of www.bpf.co.uk in order to provide an optimum service for the ever growing number of visitors to the site. The extranet area will be re-amped to allow ease of access for members and the front page will be re-ordered to ensure that key messages are easy to locate. The re-design will also include a new section of the site called Plastipedia which will combine all of the current industry information and arrange it in a user friendly way alleviating the difficulty that has developed over time as more and more information had been added to the site.
Introduction

The polyetheretherketone (PEEK™) materials are semi-crystalline, high quality thermoplastics comprising of repeating monomers of two ether groups and a ketone group.

PEEK™ is characterised by excellent mechanical properties maintained to high temperature. It is also resistant to attack by most chemical reagents.

CURRENT CASE STUDIES

AUTOMOTIVE

STE, Germany has developed a new cylinder head gasket based on a powder coating process that combines the high performance properties of VICTREX® PEAK™ polymer with PTFE.

For more automotive applications ... click here.

AEROSPACE

PEEK™ polymer monofilaments for protective braiding have specifically been developed to protect the electrical and hydraulic cables used in aerospace and associated.

For more aerospace applications ... click here.

ELECTRICAL

PEEK™ polymer is the material of choice for a swivelling lugs in a coaxial connector used in mobile telephones.

For more electrical applications ... click here.

Visitor Stats 2007

Total Hits 3,143,839
Visitor Sessions 1,549,861
Unique Visitors 350,337
There is certainly a very high quality and level of visitors to the stand. This is encouraging us to develop existing sales to the UAE.

Paul Jensen, Managing Director of Jenco Controls

The Middle East is a rapidly growing area and offers an excellent opportunity for British Companies in the plastics industry. People here are very keen to acquire western knowledge.

Les Rose, Managing Director, Impact Laboratories

Philip Law welcomes Sheikh Hasher Bin Juma Al Maktoum, Director of Dubai’s Information Department, to the BPF stand
Arabplast 2007
(Dubai, UAE)
13th–16th January 2007

With the support of UK Trade and Investment the BPF co-ordinated a large British participation at Arabplast 2007 which takes place bi-annually in Dubai. Currently in its 8th year, the show has grown rapidly over recent years and saw steady visitors throughout the 4 days of the show. High levels of leads were recorded by the British Companies from the 15,000 visitors and 500 exhibitors who took part.

The general reception for British Companies at the show was very strong with the BPF’s Philip Law and Stephen Hunt welcoming Sheikh Hasher Bin Juma Al Maktoum, Director of Dubai’s Information Department, to the BPF stand on the opening day of the show.

We received a large number of actionable enquiries during the show, a number requesting a visit to our UK plant for a demonstration. The largest number of enquiries have come from Iran, followed by Saudi Arabia, both of which offer huge potential for us.

Gary Jones,
Chairman,
MSA Engineering

Plastpol 2007 (Kielce, Poland)
29th May – 1st June

The British Plastics Federation have coordinated successful British Pavilions at this key show since 2004. In 2007 the BPF took a British Group of 10 companies to the show, along with a further 6 taking part in a catalogue show.

The show attracted some 15,000 visitors and 750 exhibitors over the course of the 4 day show. Yet again the show proved highly successful and has become the show for Eastern Europe attracting large amounts of visitors from all over Central and Eastern Europe.
K2007 (Dusseldorf, Germany)  
24th – 31st October

The largest show on earth’ as far as plastics is concerned draw typically high numbers with 3,130 exhibitors taken part and 242,000 visitors attending the show. The show saw vast amounts of visitors coming from outside Germany, with around 110,000 international visitors attending the show – around 1 third of which coming from Asian countries.

The British Plastics Federation organised 2 large pavilions constituting some 35 companies, in addition the BPF promoted the entire contingent through a British Group Guide promoting all 112 UK companies exhibiting. On top of this the BPF organised a 2 day seminar programme promoting British Excellence, these seminars proved very popular with sell out crowds listening to some of the key speakers.

The show is a crucial one for UK companies and always delivers on numbers, some companies within the British Group were quoting incredibly high numbers of leads and this is reflected in the importance UK companies place in this show.

Peter Davis,  
Director-General,  
British Plastics Federation
PlastEurasia 2007
(Istanbul, Turkey)
December 5th-9th

The British Plastics Federation attended this show for the first time in 2007 and took an 11 strong British Group of exhibitors including Meech Anti-Static Eliminators, CR Clarke and Co, Mattec, Tinius Olsen, London Metal Exchange, Silberline and Cinpres Gas Injection. ‘Plast Eurasia’ is becoming one of the most important trade shows in the region, attracting over 1,000 exhibitors and 20,000 visitors.

The event was exceedingly well organised both by Tuyap, the show organiser and the BPF for the British Group. The networking was brilliant. The fact that I managed to meet a committee president of Pagev (the Turkish plastics trade association) opened an awful lot of doors. And we are confident that the future of Meech in Turkey is bright.

Trevor Pimm,
Regional Sales Director (Europe), Meech

The market in Turkey is now starting to change from traditional cheap products, such as buckets and bowls to the more sophisticated requirements of blue chip companies such as Ford, Nissan, VW who, when they audit suppliers, are expecting to see firms producing with European/CE Marked equipment to a high level of quality. It’s an ideal time to enter the market if you have technical abilities and outstanding features.

Steve Forster, Eaton Williams
The BPF Windows Group’s mission is to promote and further enhance the PVC-U window sector throughout the UK to both customers and suppliers alike. This includes:
- Increasing the profile of PVC-U windows and their benefits to all stakeholders in 2007.
- Promoting responsibility and best practice in the industry by BPF members setting a leading example.
- Safeguarding members by encouraging dialogue and influencing current key stakeholders.
- Improving society through the inherent benefits of PVC-U windows.
- Educating stakeholders and promoting the sustainability credentials of PVC-U windows.

The Group met all key objectives for 2007, including:
- Planning, promoting and executing a successful PR campaign across the UK to promote the many benefits of PVC-U windows to specifiers. Over 110 specifiers were provided with essential information on key topics such as sustainability, recycling, repairability and best value. The 5 seminars, held at various prestigious locations across the UK, including Arsenal’s Emirates Stadium, London and the Scotch Whisky Experience in Edinburgh, armed key stakeholders with the information they require to specify PVC products.
- This initial contact has been followed up with a concerted media effort and follow-up presentations.

**VINYLs group**

**VINYLs Group**

Chairman: Alex Hay, Arkema UK

The Group:
- Organisation of the annual BPF PVC Seminar, in Stoke-on-Trent, entitled ‘PVC Sustainability: Progress with the new PVC message’. The seminar, a ‘must’ for all involved in the UK PVC industry, focuses on informing delegates about the sustainability credentials of PVC and how to counter mis-information. The seminar was well attended, with delegates encompassing the whole spectrum of the UK PVC industry.
- Continued informative and essential input into BPF Business Groups, providing knowledge and expertise to key issues and topics, such as the BRE Green Guide.
- Continued engagement with the Olympic Delivery Authority (ODA) to promote the benefits of PVC to the 2012 London Olympic Games.
- Key involvement with exciting projects, such as VinylSUM – pushing the boundaries of technology and efficiency.
- Meetings held with 3 of the 5 London 2012 Olympic Boroughs - Greenwich, Hackney and Tower Hamlets - supplying them with key information on PVC.
- Continued to implement Vinyl 2010 through the Voluntary Commitment Implementation Committee. The Group continued to co-ordinate the highly successful Recovinyl scheme in the UK to recover post consumer PVC construction waste, recycling over 42,000 tonnes of PVC waste in the UK in 2007. The scheme now has over 30 active recyclers around the UK, collecting window and cellular profile, pipe, cable and flooring. The UK is the leading recycler of PVC product in Europe, under Recovinyl.

**WINDOWS GROUP**

Chairman: Martin Althorpe, Spectus Systems Ltd

The BPF Business Groups, including those for Construction and Executive, Metall and Windows, continue to focus on strategic issues facing the industry, providing members with information and networking opportunities. The Metall Group continues to monitor and report on metall-related issues, providing members with valuable insights and guidance.

**PVC Sustainability**

Selling the New PVC Message

**VINYLs**

**WINDOWS**

2010

Recovinyl
Working with the Building Research Establishment (BRE) the Group secured a service-life for PVC-U windows of at least 35 years, significantly increasing their performance in LCA studies.

Providing BRE with industry wide information for the new Green Guide

Inputting into the Government’s consultations on the Code for Sustainable Homes and the Strategy for Sustainable Construction

Playing a key role in the BPF PVC seminar with various workshops for window suppliers

Continued success with the Windows Group CPD Seminar with additional information on repairability, recyclability and aesthetics of PVC-U windows for use by members.

New publications available for purchase from the Group’s website.

Visiting key local authorities known to be misinformed about PVC – working with Rupert Pearson Consultants, meetings held around the country.

Working with local authorities across the UK, regarding fenestration design, legislation and standards.

Continuing to lead the fenestration industry on the development of standards, both at UK and also EU level.

CELLULAR PVC GROUP
Chairman: Russell Pankhurst; Celuform
The Group’s mission is to promote and further enhance cellular PVC-UE products throughout the UK to both customers and suppliers alike.

The Group:

- Actively contributed to the BRE scoping study on service-life and secured a service life for cellular products of at least 35 years.
- Continued work with the BRE, providing essential information to the development of the new Green Guide.
- On-going discussions to develop European Standards with Trade Associations from across the EU.
- Development of Codes of Practice for the survey and installation of roofline and cladding products.
- Reinforced ties with the Vinlys Group and Windows Group to provide synergies across all PVC construction interests.

SHEET AND COATED FABRICS GROUP
The Group maintains strong links with the BPF Vinlys Group as the main platform for responding to flexible PVC issues. Among other activities, the Group continued to contribute to the ongoing EU Risk Assessments on phthalates to find the best solutions for applications.

EPS CONSTRUCTION GROUP
Gavin Birnie of Styropack was elected Group Chairman in September with Philip Cheshire of Sundolit confirmed as Vice-Chairman. The EPS Construction Group focussed on promoting the benefits of EPS insulation as a sustainable construction material in respect of the energy savings achieved from the installed product and the safety of the material. A CPD Presentation, “Expanded Polystyrene is More Than a Modern Insulation,” was approved by RIBA and can now be used in presentations to architects and specifiers. Additionally, the Group’s website, www.epsconstructiongroup.co.uk was attracting over 1000 enquiries per month by the end of 2007.

As well as maintaining its representation on the BPF’s Fire Committee the Group was also active on the EUMEPS Fire Working Group.

The Group spent time preparing for a review of its products in the BRE’s Green Guide to Specification which was due to be published in mid 2008 and explored the implications of changes to Part L of the Building Regulations for its products.
PACKAGING GROUP

During 2007 Plastics Packaging was under significant pressure from consumers, the response of retailers, environmental NGO’s and furthermore became a focus of governmental concern. Throughout 2007 the BPF engaged in dynamic and robust Public Affairs strategy to counter such criticism and to disseminate the importance and environmental credentials of Plastics Packaging.

BPF’s Retailer Roadshow on Packaging

Over the last year UK retailers have been jockeying for the high ground on environmental issues. Plastics have become a hot-spot in this debate and packaging the focus. In this they have shown a misconceived understanding both of the benefits of plastics packaging and the waste management options which can be deployed.

In 2007 the BPF delivered a series of seminars to Tesco, ASDA, Morrisons and Marks and Spencer. These were tailored to their particular orientations on packaging environmental issues. The seminars aimed to inform the retailers of the industry position, find common ground with them and establish a basis for ongoing dialogue.

This seminar programme, conceived by the BPF, was mounted in conjunction with our affiliate PAFA (Packaging and Films and Association) and PlasticsEurope which has allocated a significant budget to the project.

Lobbying

BPF Meeting with Ben Bradshaw DEFRA Minister – 26th March

The BPF and Plastics Europe met with then Environment Minister Ben Bradshaw MP to discuss plastic packaging; bio-degradable packaging and the forthcoming Defra Waste Strategy.

BPF Director-General said, “It was a good meeting with a fair bit of common ground emerging and some action to progress, such as giving WRAP some new objectives and giving consumers the real facts on the benefits of plastics packaging.”

The aim of the meeting was to inject sense into the government’s thinking on compostable packaging and to secure a more balanced approach in the public debate. The opportunity was also used to press the case of energy from waste.

EU Waste Framework Directive

During 2007 the EU’s Institutions were involved in the revising of The Waste Framework Directive, a crucially important piece of legislation that defines the terms and concepts to be applied to the Waste Directives covering specific fields such as the Packaging and Packaging Waste Directive.

The elaboration of ‘The Waste Management Hierarchy’, that is the scale of options running from ‘prevention’ through to ‘disposal’, is crucially important to the Industry, whether it is presented in a prescriptive way or just as an indicative guide. Equally the definition of ‘Recycling’ and ‘Energy Recovery’ are important. In both instances we need as much breadth and flexibility as possible built into the system so that future innovative methods of dealing with used plastics can be accommodated in the legislation to help us meet the targets.

The BPF’s concern, articulated to DEFRA, was the maintenance of the broad definition of ‘Recycling’ and the securing the widest possible scope for deviating from the hierarchy.

PET Duties

Through EuPC the BPF has been fought the cause of PET bottle manufacturers in relation to the EU’s recent review of the tariffs on the importation of PET raw materials into the EU from global sources. Unfortunately, the EU, supported by the EU’s PET producers, has decided to extend the duties by a further five years, perpetuating distortions in the marketplace and disadvantaging the EU’s PET processors. EuPC and the BPF were publicly critical of this EU decision.

Consultation on recycling targets for packaging for 2008 and thereafter

The BPF submitted an extensive response to the Defra Consultation on recycling targets for packaging in November.

The BPF made the following main points:

- The 3% growth rate for plastics was too high. Figures collected from our members ranged between 2%-3% and there are strong drivers likely to reduce this figure. The figures did not appear to take account of the Courtauld Commitment and the signatories’ commitment to design out packaging waste and to deliver absolute packaging waste reductions by 2010.
- The BPF believe that targets must be set in future years to ensure that the UK complies with minimum recycling/recovery targets set in the EU Directive. The targets for 2011 and 2012 were therefore not set at an appropriate level.
- When the legislation was being developed it was the objective of the UK to find a way to achieve compliance with the Directive placing undue cost on UK manufacturers. Higher targets suggest that the UK has moved away from this initial objective and is seeking to gold-plate the Directive.
- Packaging prevents the wastage of food stuffs and the damage or deterioration of other goods. Reducing packaging can have
a detrimental effect in that it increases the food waste, such waste has a significantly greater environmental impact on the environment than that of used packaging.

- The resource efficiency of plastics packaging is one of its major strengths, which is the ability to pack a product with the absolute minimum mass of material consistent with its protection. Innovation in the industry has led to a continuing trend of light weighting packing. It is important that the whole life cycle of plastics packaging is considered and not simply levels of recycling and recyclability.
- Whilst recycling is the preferred waste management option where there is an economic and environmental benefit, the benefits of Energy-from-Waste (EFW) must not be overlooked
- The BPF believes that for effective waste management the UK needs to adopt a more centralised approach and to move away from the Local Authority controlled system. Such a move would generate a more holistic approach and would create significant economies of scale. The EU Countries with the highest levels of recycling all have centralised systems.

Media

Radio and TV
The BPF has continued its drive to promote plastic packaging to all stakeholders. The BPF team proactively appeared in a number national radio programmes and an internet TV programme to promote and defend Plastics Packaging.

In June BPF Director General Peter Davis appeared on BBC Radio 4, You and Yours show with representatives of ASDA and Waste Watch. On the show Davis stressed the point that there is “very little over packaging going on” and that industry pays a substantial levy of £18m per year towards recovery and recycling. He concluded by pointing out that plastics packaging is essential in the logistics of feeding 60m people three meals a day, and reducing food wastage into landfill, by protecting the produce and increasing its shelf life. This programme was closely followed up by an appearance on BBC Radio 5.

In the same month Philip Law, BPF’s Public and Industrial Affairs Director appeared on the BBC Radio Five Live Drive time show. Again, stressing the key message that plastic packaging has a key role to play in feeding 60m people food of a suitable standard every day. Law stated “the picture of packaging put forward by the media is incomplete, and driven by a number of marketing stunts. It neglects to look at the positive role plastic packaging plays in avoiding wastage by reducing damage to the produce through its journey in the supply chain.”

In August, Anthony Roberts, Senior Executive – Public Affairs engaged in a half hour debate on 18DoughtyStreet. com together with Derek Wall, Principle Speaker Green Party and Noel Lynch to discuss Plastics Packaging and Waste Management. The debate was chaired by renowned transport journalist and broadcaster Christian Wolmar. The full debate can be viewed at www.tinyurl. com/2z29gv

National Press
In response to London Councils decision to pursue legislation to stop London shops handing out carrier bags free of charge and The Independent’s damning front page article supporting the proposed ban (14th November, 2007), Peter Davis (Director-General, BPF) wrote to The Independent to promote the benefits of plastics carrier bags and to criticise the decision of London Councils. The letter was published in a prominent position and virtually unedited form on 14th November.

Responding to a Crisis

UK Flooding
During the catastrophic floods of 2007, plastics products in the form of bottled water and water bowers helped to alleviate the hardship of thousands. In the days following the floods the BPF and the BPF Recycling Council have provided the local authorities in the flood-affected areas with details of plastics recyclers potentially available to assist in the recycling of the plastics bottles used to carry safe drinking water to inhabitants without secure supplies.

Peter Davis, BPF’s Director General said: “It is appreciated that local authorities will have long term contracts with waste management companies and recyclers for the handling of their local waste but in the event that there is a surge of used plastics bottles appearing which cannot be accommodated by these arrangements other recyclers will try to help.”

Biodegradables
Biopolymers and Biodegradables are receiving much interest from the public, media and downstream users. On 3rd October the BPF organised a major seminar, Biopolymers and Biodegradable Plastics Seminar, to clear confusion
surrounding biopolymers and biodegradable materials and to consider their future role.

The BPF has also established a forum for member firms to share their experience in use, manufacture and waste management of biodegradable materials. It aims to secure the facts about the use and manufacture of biodegradables and to identify gaps in knowledge so that they can be appraised realistically.

Seminars And Events

Plastics Packaging Packaging Key Trends for the Future
On 13th June, the BPF assembled a team of top-speakers to explore the medium-term future of the industry and to provide members with the facts to bite back at the critics of plastics packaging. This seminar looked ahead at changing customer demand and focused on how developments in packaging can address such demands.

Topics Included:
- Changing attitudes towards plastics packaging
- Designing Packaging of the Future
- Innovations in polymers, additives and smart materials
- Trends in packaging markets

WRAP PET Recycling Conference
The BPF participated on your behalf at the WRAP event held on February 6th. As requested by BPF members, the BPF raised through its Director General, Peter Davis, who acted as Chairman of the Conference, a very pertinent question: “Given the perceived environmental benefits of rPET, are end users prepared to pay commensurately more for the incorporation of recycleate in bottles?” He asked this of the Marks and Spencer representative and received an evasive answer but at the same time receiving a rousing applause from the audience.

Rotamoulding Group
Chairman: Martin Spencer, Rototek
The Rotamoulding Group has continued to provide a platform for materials suppliers, machinery manufacturers, toolmakers and moulders involved in the Rotational Moulding Process.

The work of the Group focuses on the following long-term goals:
- To promote the rotational moulding process and its advantages to designers and downstream users.
- To develop an authoritative picture of the size and dynamics of the UK Rotamoulding Industry.
- To position the group as a key player in the UK and globally within the Rotational Moulding Industry.
- To encourage dialogue between member firms in order to disseminate industry knowledge and understanding within the Group.
- To increase competitiveness of the Group.
- To help members to achieve Best Practice in all process related Health and Safety Issues.

The activities of the Group are led by some of the most innovative and dynamic companies in the Rotational Moulding industry. The Group is Chaired by Martin Spencer, Managing Director, Rototek. Rototek has an international reputation for innovative processing and products. Former Group Chairman Allan Joyce, Managing Director, Balmoral Tanks, assists in representing the Group at meetings of the Alliance of Rotational Moulding Organisations (ARMO) meetings.

Rotational Moulding has many advantages for product design, but many designers are not familiar with the process or its benefits. The Group has worked hard to inform product designers about the process and to provide them with improved solutions to design problems, and in doing so extend the reach of Rotational Moulding.

Despite its many advantages, rotational moulding is an energy intensive process and suffers from slow process times. In order to address these issues and to increase the markets available to process, the BPF Rotamoulding Group have continued to work on the European Funded Micromelt project throughout 2007.

Micromelt aims to reduce product cost and processing time and to increase surface quality in rotational moulding. This is done through the development of retrofittable microwave tool heating and an internal mould cooling system, which will:
- reduce energy costs by 70%
- reduce processing cycle times by 50%
- improve part quality through the development of retrofittable microwave tool heating and an innovative internal mould cooling system.
The research is lead by Pera and is supported by Queen’s University Belfast and the Fraunhofer Institute. The BPF continues to support the work of the Alliance of Rotational Moulding Organisations (ARMO) and during 2007-2008 the BPF Rotomoulding Group are responsible for the management of ARMO. ARMO was set up in 2004 by seven organisations including the BPF and is committed to serving the rotational moulding industry around the world. The primary focus of ARMO’s activity is the organisation of a biennial international conference which has become one of the most important dates in Rotomoulders’ diaries. Under the management of the BPF the 2008 Conference will be held at the Waterfront Hall, between 7th – 9th September.

The ARMO Conference format is proven and appreciated throughout the international Rotational Moulding Industry. Belfast will prove an excellent venue for this respected Conference and will take advantage of the resources of Queen’s University, a worldwide centre of excellence in Rotational Moulding. This event will feature two days of respected industry speakers on Rotational Moulding technology and the global issues affecting the industry. The Conference will be based around the theme of Water and will explore the opportunities Water provides the Industry in the resource management and leisure sectors.

The Conference will be preceded by a day or technical sessions at the world-renowned Queen’s University of Belfast. There will also be a tour of UK Rotomoulding factories following the Conference. Running parallel to the show will be a one day design seminar targeted at UK design lecturers. This will allow the industry to disseminate the inherent design benefits of the process.

More information on the Conference can be found at www.armo2008.com

EPS Packaging
Chairman: Tony Pruchniewicz, Moulded Foams

The Group’s mission is to maintain and increase the market for EPS packaging in the UK through communications campaigns, market development and addressing environmental concerns through the increase of recycling.

On the back of the successful Tom Dixon Chair giveaway in 2006 the EPS Packaging Group launched a design competition. The competition was open to all designers, working and student alike, and sought to find original product designs that exploit the many exceptional properties of EPS such as its ability to insulate, its lightweight nature, durability and adaptability.

The winning designs of the EPS Design Competition were showcased on a beautiful stand, created entirely from EPS, by well-known UK designer, Michael Sodeau at the 100% Futures Exhibition, Earl’s Court, during the London Design Festival.

Each prototype was manufactured by one of the member companies of the EPS Packaging Group working closely with the designer to create a viable prototype of their winning concept.

“These product prototypes demonstrate how the versatility of EPS and the expertise in our industry can be combined with outstanding design to produce creative new concepts,” says Tony Pruchniewicz, Chairman of the BPF’s EPS Packaging Group.

The Design Competition was huge success and as a consequence the Group have decided to run another one. The competition was launched in partnership with 100% Futures, who will provide a free stand at 100% Futures 2008 to showcase the winning design.

In 2006 the EPS Packaging Group launched the White Magic education box to assist the teaching of science in schools and promote the many excellent properties of EPS. The White Magic box allows teachers and students to get hands-on experience of making a moulded expanded polystyrene ball, recycling and testing the conductivity of different materials. Throughout 2007 the Group has continued to market and demonstrate the White Magic Box, which is available for schools and colleges to purchase at a subsidised rate of £45.

In 2007 the White Magic Box featured as a part of the Horners’ Polymer Study Tours at Napier and London Metropolitan Universities. The Polymer Study Tours are three and a half day residential courses designed to provide teachers with information about polymers and their importance to our everyday lives. The demonstrations were a great success and the teachers involved were impressed by the industry’s innovative and forward thinking approach to education.

The Group has continued its ongoing work to:
- Support for UK recyclers and waste holders
- Produce and distribute the annual EPS calendar and two newsletters
- Promote local consumer EPS recycling points on member sites
- Provide the secretariat to EUMEPS (European Manufacturers of Expanded Polystyrene)

The EPS Packaging Group has endeavoured to work closely with the EPS Construction Group in order to seek synergies and to provide the best possible representation for this versatile material.
Polymer Producers Group

The Group is able to act as a source of information and support for nearly all Business Groups and Activities including strong participation within the BPF Central Committees.

The Group is actively involved in:
- promoting the Federation as an alliance of companies from all aspects of the plastics supply chain,
- keeping abreast of the numerous legislative developments affecting plastics in all applications,
- responding to and having an awareness of the environmental issues of plastics,
- promoting plastics in general Polymer Distributors and Compounds Group.

Polymer Distributors and Compounds Group

Chairman: Mike Boswell, Plastribution

The BPF Polymer Distributors and Compounds Group’s mission is to maintain a strong networking platform, to promote and further enhance the polymer distribution and compounding business throughout the UK to both customers and suppliers alike.

The group boasts a sizeable membership and represents a large share of the total UK polymer distribution market. During 2007 the Group is actively involved in:

- managing rising costs, including energy and regulation, and their impact on business and the supply chain,
- promoting plastics in UK product design and manufacture with consideration for a range of sales, marketing and communications media,
- managing the reputation of chemicals, additives and plastics materials across the lifecycle,
- managing credit risks,
- managing significant legislative change cost-effectively, particularly with regard to REACH and EU food contact legislation,
- identifying the market share of polymer products in the UK and Republic of Ireland,
- benchmarking critical costs in transport, warehousing and logistics,
- assisting the ongoing development and delivery of prudent Health and Safety practice and policies.

Objectives for 2008 include:

- continuing to address and resolve the critical issues affecting the polymer distribution and compounding sector,
- maintaining the Group as the leading voice of polymer distribution and compounding through the continued development of annual Group surveys, Group ‘Buyers Guide’ and webpage,
- creation and development of a Compounds sub-committee,
- continuing the successful running of a Group Credit Circle,
- continued focus on the potential benefits and added value of this sector.

The Polymer Distributors and Compounds Group paid tribute to Chairman David Cope of Alibis UK who stood down in December 2007 after a five-year term. A well-known figure in the plastics industry, David was instrumental in establishing the BPF Distributors and Compounds Group.

David handed over the reins to Mike Boswell, Managing Director of Plastribution. Mike applauded David’s sterling contribution adding, “David has been a tremendous supporter of the BPF and has carefully fostered the growth of our Group through good times and bad. It will be a real privilege to follow in his footsteps.”

Distributors and Compounders are an important sector within today’s UK plastics market. This is an active and vibrant group through which members, their customers and their suppliers can benefit from the wide range of agenda topics that are addressed at regular meetings. Not only does membership of the BPF bring broader benefits but in particular an interface through which we can understand issues affecting the UK Plastics Industry and an opportunity to ensure that our views can also be represented by the BPF. In addition the BPF presence at a comprehensive range of trade shows has created commercial opportunities for our members. My aim is to continue to develop the group and enhance the value to its membership.

Mike Boswell, Plastribution
Additive Suppliers Group  
Chairman: Gavin Lewis, Omya  
The Group’s mission is to maintain a strong networking platform, to promote and enhance the plastics additives business throughout the UK to the plastics supply chain, from processor to specifier and to the final customer. The Group is currently focussed on:  
- managing the reputation of additives and their promotion in plastics applications.  
- managing and influencing significant legislative change and cost-effective implementation.  
- having better exposure to end-market trends and new additives’ contributions to the marketplace.  
- prioritising relevant markets for export, with a view to harnessing appropriate support through the BPF to explore these.  
Focussing on the delivery of appropriate health and safety policies to plastics processors.

The Additive Suppliers Buyers Guide was further developed in the months leading up to the Kunststoffe Show held in October 2007 in Dusseldorf. This enabled the BPF to promote the Group and its members at overseas plastics exhibitions including at PlastEurasia in Turkey.

Future plans for the Group include:  
- monitoring and assessing the impact of the REACH Regulations through continued participation in the BPF Product Safety Committee: REACH and Regulatory Issues  
- participating in BPF and other appropriate seminars within the plastics industry  
- development of an online educational resource on additives in plastics.

Masterbatch and Technical Compounds Group  
Chairman: Greg Hammond, Gabriel-Chemie UK  
The BPF Masterbatch and Technical Compounds Group represents the interests of UK colour masterbatch manufacturers and suppliers. Since its launch in January 2006 the Group has been working towards establishing a sector-wide consensus on the many subjects which affect all masterbatchers & compounders, most recently the likely impact of the REACH regulations, export classifications, various group surveys, colour communication and of course training and skills development.

Primarily the Group is focussed on:  
- operating in a business climate progressively characterised by increasing materials and energy costs, and increasing members’ dexterity with which these costs can be passed down the chain  
- responding to the increased pressure of international competition on customers (processors) in the UK  
- influencing attitudes to plastics in terms of their environmental footprint, product safety, and their value as compared to their cost, amongst all relevant stakeholders including customers, political decision-makers and the media  
- managing cost and business pressures associated with the development of REACH legislation  
- sustaining a fundamental commitment to address industrial health and safety issues  
- exploiting opportunities to promote masterbatch exports.

Buyers Guides now available:
The plastic pipes group

Frank Jones
Pipe Groups Director

TELEPHONE
01325 339 184
EMAIL
frankj@plasticpipesgroup.com

The plastic pipes group (PPG) of the British Plastics Federation has been representing UK manufacturers of plastic pipes and fittings since 1961.

The importance of plastics as a material for pipework continues to grow steadily and they have already achieved significant shares of each category market. For example, it is estimated that plastics now account for over 54% of all new buried pressure and non-pressure installations in the UK.

Although a mature industry and market leader in many fields we are constantly facing new challenges: these may be regulatory or meeting the challenges of new construction methods. The growing use of prefabricated modules presents us with an ideal and achievable challenge. Plastic piping systems offer major benefits to contractors and installers alike.

Sustainable construction requires sustainable products and the PPG is working to show exactly how sustainable our products are. Many of the materials have been in use in different applications for over 40 years. Our products are tested for durability and now we can demonstrate this not only by predictive testing but by actual use in the field. We are developing ways of demonstrating and recording the data in a clear manner. We are working on recycling issues and with the BPF have set up some collection schemes in the UK. In 2007 over 8000 tonnes of pipes were collected and recycled.

We are faced with the constant challenge of developing new products to suit changing market demands. New manholes and inspection chambers have been developed and introduced.

Climate change coupled with modern methods of construction “Zero Carbon” buildings offers our industry a series of challenges. The Pitt Review into the 2007 floods has highlighted many opportunities...
for our products. SUDs and attenuation systems are in increasing demand. The control of surface water run off has led to the development of several new products from our members as they address the demanding requirements of this developing sector.

We are preparing for the introduction of the CE Marking for our products - quite a challenge to introduce an extremely difficult system in a way that does not confuse the market.

Market shares continue to grow, in 2007, the estimated combined turnover of the UK manufacturers of plastic piping systems was £750 million and the industry employed some 6500 people.

In Europe, The European Plastic Pipes and Fittings Association [TEPPFA] estimates that the combined European turnover for ‘Old Europe’ is €10 billion with some 30,000 direct employees.

THE ROLES OF THE PPG

Core purpose
At the core of its activities, the PPG is dedicated to promoting the development, acceptance and usage of plastics piping systems manufactured primarily in the UK at all levels in the Building, Construction, Civil and Utilities Industries.

This embraces the full spectrum of above and below ground applications, including:
- **Rainwater** drainage
- **Soil & Waste** pipework
- **Hot & Cold** water internal plumbing
- **Pipework for Radiator heating systems and Underfloor heating**
- **Underground** drainage and sewerage
- **Pipework for Land drainage**
- **Ducting** for cabling and communications alongside highways
- **Pressure pipes for Water and Gas mains** distribution
- **SUDs** systems, Rainwater harvesting and Grey water systems

International representation
The directorate of the PPG, as well as representatives of its member organisations, also regularly contribute to the work and debate of international bodies wherever this is relevant to UK industry interests.

The PPG is a founder member of TEPPFA. It also seeks to ensure an active representative presence at any international forum whose agenda could impact on the UK industry.

Monitoring and developing Standards
A crucial role – both at home and abroad – is participation in the committee structures which review and develop British, European and International Standards.

The PPG is therefore at the heart of the process of defining the accepted practices for the use of plastic pipes – and of managing desirable adjustment to those Standards whenever technological progress or changes in statutory regimes require it.

Serving the information needs of members
In addition to representation of their interests, the PPG is also concerned to keep its members fully up-to-date with developments – technological, statutory, regulatory or practical – which relate to the industry as a whole rather than to individual company interests.

To this end, the PPG provides a full technical advisory service to its member manufacturers and, through those members, to the specifiers, installers and stockists of their products. This may include – for example – disseminating details, interpretation and evaluation of newly-established Standards relating to plastic pipe applications.

Advice is also provided in the form of technical bulletins and guidance notes. These cover such topics as the principles of Good Practice in the application, usage and installation of plastic pipe systems; and advice pertinent to live issues in the public domain – of which the Environment and Recycling are notable subjects.

Defending the interests of plastic pipes
The PPG is constantly ‘on watch’ for any potentially negative publicity arising from the statements or activities of external organisations or groups. It is accordingly committed to mounting, when necessary and as appropriate, a rapid and robust defence of plastic pipes as a product category and material, and of the collective interests of member manufacturers.

STRUCTURE

Organised for a broad agenda
To facilitate its commitment to this broad and detailed agenda, the PPG is organised into functional sub-groups which report on their activities to the Pipes Group Council.

In this way, detailed and specialist issues and initiatives may be effectively progressed by nominated representatives who are drawn from member companies and who have specific knowledge of the product and application categories concerned.

Pipes Group Council
The Pipes Group Council, which is open to all member companies, meets twice-yearly to receive reports from and approve the activities of the Group.

Due to the increasing cost of travel and associated time, we are currently investigating with our members the possibility of conducting some of our meetings by video conferencing and increasing the use of teleconferencing.
**THE PLASTIC PIPES GROUP**

**Pipes Group Staff/Officers**

**PRESIDENT**

Chris Nunn
Managing Director of Marley Plumbing & Drainage.

**VICE-PRESIDENT**

Glen Sabin
Managing Director Polypipe Civils.

**DIRECTOR**

Frank Jones
Frank has extensive experience of the building industry, and particularly the plastic pipes sector. He is Vice-President of The European Plastic Pipes and Fittings Association (TEPPFA). A director of the Plastic Pipes Conference Association which organises the highly successful Plastic Pipes series of conferences. He is also Chairman of two British Standards Institute (BSI) committees.

**STANDARDS MANAGER**

Caroline Ayres
Caroline joined the PPG after working with British Gas and the BBA. Caroline also chairs a BSI committee.

The Pipes Group Council and PPG Directorate are supported by a team of three highly skilled staff.

In addition, senior personnel from Member companies represent the PPG at meetings in the UK, in mainland Europe, and, as necessary, at international conventions around the world. This means that the PPG fields acknowledged experts to represent the industry wherever this is required — each working to a pre-agreed and carefully-constructed brief.

**Group interests and activities**

We operate via a series of specialised groups:

**Pressure Utilities**

Focus: Concerned with plastic pipe systems principally serving the mains distribution needs of the Water and Gas industries.

**Regulatory Affairs**

Focus: To coordinate Pipes Group activities in the area of CE Marking, Recycling, Sustainability, Reach and the EAS.

**Building Services**

Focus: Concerned with plastic pipe applications for Hot and Cold Water distribution within buildings, including applications for Underfloor Heating, Soil waste and rainwater, and the new area of grey water reuse.

**Drainage Group**

Focus: Concerned with plastic pipe applications for Surface Water and Mains Drainage, Sewerage and Highways, SUDs and Rainwater harvesting.

**Further Information**

For further details about the PPG, its current agenda and advice on any topic pertaining to the application and usage of plastic pipes and fittings please contact:

**Frank Jones**

Director, Plastic Pipes Group

**Telephone** 01325 339184

**Mobile** 07770 947305

**Email** frank@plasticpipesgroup.com

**Website** www.plasticpipesgroup.com
Throughout 2007 the Flexible Foam Group (FFG) continued to promote and represent the interests of the UK flexible foam industry at National and European levels.

Main Objectives

1. To identify the latest 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.
2. To identify, fund and to participate in new research projects, which if successful would benefit the flexible foam industry as a whole.
3. 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)
4. To liaise independently, or via the British Plastics Federation, with UK Government, especially the Department for Business, Enterprise & Regulatory Reform (BERR), the Health & Safety Executive, and the Department of Environment, Food and Rural Affairs (DEFRA) on relevant matters.
5. To participate in the relevant BSI, CEN and ISO standard committees to ensure that the interests of the UK flexible foam industry are represented.

2007 Activities

Research
- A three year research project with the University of Nottingham on the syntheses of urethanes not involving the use of isocyanates is ongoing.
- A second routine meeting between FFRL and the research workers is planned.

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. One of which was the review of the existing CEN standard on “Band Knives Cutting Machines for Block Foam” which has gone out for voting.
- Various position papers and publications have been updated and made available for the FFG section of the BPF website.
- In association with EUROPUR “A Flame Lamination-Good Industrial Practice Guide” has been finalised.
- Maintained close contact with the REACH Legislation at National and European (via EUROPUR and CEFIC’s REACHCentrum) levels in order to that the polyurethane flexible foam industry will fully comply with the regulations whilst minimising any financial downside.

Europe
- FFG and its members have continued to play a leading role in several.
- EUROPUR (European Association of Flexible Foam Block Manufacturers) research programmes. The most important of these has centred around the materials that be extracted from the foams under various conditions and to show the degree of bioavailability.
- Throughout 2007 FFG has played an important role, through the Phosphate Ester Flame Retardant Consortium (PEFRC) and the European Flame Retardants Association (EFRA) in the EU risk assessment programme of flame retardants TCP, TDCP and V6.
- FFR members have contributed to the CertiPur label which is now beginning to be accepted by the industry as a good guide to the HSE characteristics of foam.
The BPF aims to offer member companies support across a wide range of topics and offer expert assistance where ever it is needed. The BPF Membership product is enhanced by a strong events and training programme that engages leading experts from a variety of fields.

These events are supported by the Business Support Network, a group, which consists of companies that offer services to support members. This group allows the BPF to offer the knowledge and support of leading suppliers to the plastics industry.

Activities in 2007

In 2007 the BPF entered into talks with DEFRA regarding the inclusion of plastics firms into a Climate Change Agreement. If this agreement is successful it will reduce energy cost for companies who fit within the guidelines. The early talks have been very positive and the BPF will continue to lobby on behalf of our membership and we hope to reach an agreement in 2008. In 2006 we teamed up with Kompass to provide our members with an invaluable free marketing database on UK companies, and this system have been extremely helpful to those that have utilised the system. We are also in the process of putting together a discount scheme for member with LogBuy and details of this benefit will be released in 2008.

The Business Support Network

In 2007 Philip Batten joined the BPF and took over from Thom Lant as the executive looking after the Business Support Network. The group have been instrumental in the creation and delivery of seminars whilst several of the members have also benefitted by exhibiting at trade fares under the BPF banner. 2007 also saw two new members join the group: Moneycorp and Link-Connect and with Willis Commercial Network set to join in 2008 the group is now at a record number of members.

A re-launch of the group branding is planned for 2008 and a face-lift will be given to the group’s literature and the website will also see some changes including an all new logo.
BPF Events in 2007

Seminars 2007

27th March, BPF Offices
London Plastics & The Sustainable Vehicle

16th May, Manufacturing Efficiency Park
Improving Your Manufacturing Efficiency

23rd May, BPF Offices
London Chemicals Policy: REACH and the Plastics Processor

13th June, Manufacturing Efficiency Park
Plastics Packaging: Key Trends For The Future

10th September, LME Offices, London

26th September, BPF Offices, London
Health and Safety: Electrical Safety in the Workplace

3rd October, B es, London
Biopolymers & Biodegradable Plastics: An Analysis of Their Future Role

15th November, Stoke Moathouse
PVC Seminar

22nd November, BPF Offices, London
Health and Safety: Noise in the Workplace

29th November, PERA, Melton Mowbray
Chemicals Policy: REACH

5th December, Stoke Moathouse
Sustainability in Construction

Trade Shows With British Pavilions

13th – 16th January, Dubai, UAE
Arabplast 2007

29th May – 21st June, Kielce, Poland
Plastpol 2007

21st – 24th May, Guang Dong, China
Chinaplas 2007

24th – 31st October, Dusseldorf, Germany
Kunststoffe (K2007)

5th – 9th December, Istanbul, Turkey
PlastEurasia 2007
Product Safety Committee: REACH and Regulatory Issues
Chairman: Chris Howick, INEOS
In the light of new legislation and the BPF’s continuing commitment to the safety of plastics materials and products, the Committee was restructured during 2007 and Chris Howick of Ineos ChlorVinyls was elected as Chairman. The Committee now focuses on the key issues surrounding:
- chemicals policy – REACH
- plastics in contact with foodstuffs
- plastics in medical applications
- plastics in potable water applications
- plastics in toy applications
- general product liability issues
- crisis management and media scares

Analysing the potential impact of REACH and how it will affect all levels of the plastics supply chain is the key focal area currently under discussion. The Committee has also been heavily involved in briefing BPF members on developments in the REACH Regulations and how members should be preparing. The now annual BPF REACH Seminar allows experts from industry and government departments to disseminate vital information and update users on the latest developments in Europe.

Addressing the issue of plastics in contact with food has been another priority for the Committee.

Fire Committee
Chair: Christine Lukas, DOW UK
The BPF Fire Safety Committee aims to:
- promote within the BPF membership high standards of fire safety through effective materials selection and the exchange of best practice
- secure an objective appreciation of the role of plastics in fire situations

The BPF Fire Committee also has a role representing the plastics industry viewpoint to regulators and specifiers, both in the UK and EU on all aspects of fire safety and plastics. It provides an essential forum, not only for BPF Members, but also for affiliated members and key stakeholders such as representatives from the Government and major fire research and testing laboratories to focus on plastics contribution to Fire Prevention and Fire Safety. High priority has been contributing to and interpreting the EU Construction Products Directive and the evolution of test methods and classifications of resistance and reaction to fire.

Other activities included:
- lobbying and participation in the development of testing regimes for classification for resistance and reaction to fire under the terms of the EU Construction Products Directive
- keeping abreast of and consulting on amendments to the UK Building Regulations with relation to fire safety
- expressing concern over the testing and euro-classification of products such as roofs, cables and pipes
- the environmental aspects and impacts of burning plastics and rubber
- representation on IEC, BSI, CEN and ISO standards committees

The BPF also co-organises the biannual international Flame Retardants conference, normally held in London, which deals with current issues regarding fire properties of materials and finished products but especially emphasises issues where flame retardants are involved. Preparations were advanced for the 2008 conference.
Industrial Health & Safety Committee
Chair: Lynn Edwards, Epwin

The key aim of the Industrial Health and Safety Committee is to act as a key source of expertise and information on Health and Safety issues as they relate to the plastics sector. The Committee is dedicated to ensuring that Health and Safety within the plastics industry demonstrates continuing improvement and that employees are appropriately protected.

The key areas of activity relate to:
- machinery safeguarding
- accidents
- noise
- chemical safety
- regimes of health and safety in plant

Two seminars were staged for the membership in 2007. One ‘Electrical Safety in the Workplace’, took place in London on 26th September and featured changes to the 16th edition of Wiring Regulations. On 13th November a seminar was held on Manual Handling and Noise at PTC in Telford, an ongoing issue through the year being the need for classification on guidance for the handling of 25kg sacks.

BPF Celebrates 75 Years as the ‘Voice of the Industry’

On the 21st December 1933 the British Plastics Federation was officially founded. Since this time the plastics industry has grown into one of the world’s most significant industries and the BPF has become the figure-head of an £18 billion industry which employs 200,000 people, in the UK. Out of the 310 plastics Trade Associations around the world, the British Plastics Federation is the longest established and has been used as a model for others. In 2008 the BPF will be celebrating 75 years and the programme will be launched on the 13th of February.

During 2008 the BPF will be organizing a series of events and inviting the Industry to celebrate the Federation’s achievements over the last 75 years. The celebrations will start at the Athenæum club in Pall Mall and continue with a 2 day conference detailing the future of the Plastics Industry before climaxing with a 1930’s themed Annual Dinner.
The BPF is involved in several projects funded by the European Commission under the 6 Framework programme as well as two DTI funded studies and one ESPRC funded major work. They are also a key partner in the Polymer Innovation Network which is a DTI funded project through its Technology Programme.

Over the last year the BPF has continued to work hard to develop its project portfolio to benefit the industry by helping it create a competitive advantage, whilst becoming more sustainable. Projects such as ENER-Plas will allow the British plastics industry to benefit from a £600,000 grant to help it cut its carbon footprint and reduce its environmental impact. The BPF will continue to develop its project portfolio to match the needs of the UK industry and encourage innovation in the plastics sector.

Current projects include:

**ENER-Plas**
The BPF joined a European consortium of companies in November 2007 for the Intelligent Energy funded ENER-Plas project. It will carry on the excellent work done in the EuRECIPE project and aims to develop a ‘Carbon Calculator’ for use by the processing industry to better understand their carbon footprint. It is also developing tools that will enable processors to calculate their energy usage through the entire life cycle from Tool manufacture to end of life use of the product.

ENER-Plast will go beyond energy management, enabling organisations to consider operations and revenue in the context of climate change, impending legislation, brand identity and corporate governance. ENER-Plast will demonstrate that a company can be energy efficient without sacrificing profitability.

Smithers Rapra won funding for ENER-Plas as a result of the success with the recent EC-funded European energy saving project, RECIPe (Reduced Energy Consumption in Plastics Engineering), which was aimed at plastics processing. The BPF was a key partner in the RECIPe project which aimed to establish and promote best practice for energy saving in plastics processing across Europe.

**REHEAT**
The BPF is a key partner in this DTI funded project to develop a low cost heat recovery, storage and local reuse system which could benefit the plastics industry. The concept centres around the development of a heat storage system based on absorption materials capable of taking heat energy from waste heat sources and giving that energy back at a temperature of 60°C when required. This project is part of a long-term Government initiative to help reduce CO₂ emissions by 60% by 2050.

The project is being led by PERA and involves technology provided by strategic partners Brownell Limited, Applied Energy Products, CRS Engineering, Northlogic Limited and The Chartered Institution of Building Services Engineers. The project duration is two years.

This project is aimed at the 27000 European processors and the 200,000 new homes which are built in the UK each year. It is also hoped that the system will be of benefit to the growing sustainable energy market, where it will allow for solar energy to be stored and utilised at a later stage.

**POLYCOND**
PolyCond is a trans-national project, being part financed by the European Commission under the sixth framework programme as an Integrated Project (IP SME scheme - Project number IP 5159335-2). The project is designed to address the needs of the European plastic converters, a traditionally less research and development intensive sector mainly composed of SMEs. Its aim is to create a competitive edge for the European Polymer processing industry by driving new added-value products with conducting polymers. This RAPRA-led project involving the BPF aims to develop conductive plastic composites that are eco-friendly, cost effective and of high added value.

PolyCond will benefit plastic processors in the EU by developing new technologies and providing solutions to key long-term problems. A multidisciplinary and integrated approach includes technology transfer with training activities, thereby mobilizing EU and Regional funding.

**FLOWFREE**
An EC funded project led by RAPRA, with a 14-strong European consortium including the BPF, this aims to improve the industrial plastics extrusion process by the use of supercritical CO₂. Early indications show that this project may reduce energy consumption in the extrusion process by approximately 30% for some polymers.

**MICRO-MELT**
“‘The Development Of Advanced Retro-Fit Processing Technologies For Rotational Moulding To Reduce Product Cost and Processing Time and Increase Surface Quality”

Led by Pera and co-ordinated by BPF, this project aims to reduce the processing cycle time, with its associated energy costs and improve part quality of rotationally moulded items through the development of retrofittable Microwave tool heating and internal mould cooling systems.

**PEPT-FLOW**
The PEPT-FLOW project will investigate the application of positron emission particle tracking (PEPT) as an innovative polymer flow visualisation technique for twin-screw extrusion. The data obtained will be used to develop and validate accurate flow simulation software for twin-screw extrusion. This will then be used to define knowledge-based machine design criteria and guidelines and to optimise processing.
parameters to achieve target mixing / material properties. To demonstrate the new design criteria, the simulation software and processing know-how will be tested on 5 commercial twin-screw processes. This project is led and co-ordinated by RAPRA.

**Completed Projects:**

**RECIPE**
Reduced Energy Consumption in Plastics Engineering
Following an initiative established by the Faraday Plastics Partnership and led by Rapra, this project is part of the European Commission’s “Intelligent Energy” programme, and aims to establish and promote best practice for energy saving in plastics processing across Europe. A best practice guide and an energy-manager’s “toolkit” have been developed. These are available free for downloading from [http://www.eurecipem.com](http://www.eurecipem.com).

**VINYLSUM**
VinylSUM is a new research initiative led by IPTME at Loughborough (a member of the BPF Business Support Network) and involves the BPF. Funded by the Engineering and Physical Sciences Research Council (EPSRC) under the ‘Sustainable Use of Materials’ initiative, this was set up in April 2004 to help address some of the long term sustainability challenges facing PVC.

**THE MOULDERS AND SPECIALIST PROCESSORS GROUP**
Chairman: Brian Mann, McKechnie
The Moulders and Specialist Processors Group provides a framework for the representation and promotion of BPF members involved in the plastics processing industry, providing a springboard for collaborative initiatives supporting the sector’s evolution.

The key issues facing the Group include:
- Ensuring the moulding sector remains a strong and a major contributor to the UK economy and society.
- Responding to rising energy and material prices which impact on members competitiveness.
- Boosting commercial focus in the face of increased global competition

In 2007 highlights of the Groups activities include:
- The third Moulding Benchmarking Survey, giving companies access to information previously unavailable.
- Developing the BPF Online sales lead service, now approaching 3,000 leads since its launch 3 years previously.
- A highly successful Moulding Group Forum at Leeds University.
- Initiation of the buyers guide for all group members which is due for release in mid-2008.
- Contributed energy consumption data to help the BPF draft a climate change agreement.
- Participated in a number of International Trade fairs including Kunststoffe in Germany, Plastpol in Poland and Plasteurusia in Turkey.

**THE PLASTICS AND RUBBER EQUIPMENT GROUP**
The group was actively involved in key Trade shows throughout the year to support their export activities. The group also increased their membership over the course of the year as a result of export contacts made through trade shows.

Some of the activities that the group participated in 2007 include:
- Members took part in the seminar on Energy run at Kunststoffe, Germany and paid close attention to energy saving features of their equipment.
- They participated in a number of BPF seminars over the course of the year including the Electrical Safety and H&S in the workplace seminars.
- Focused their efforts on an export drive by taking part in trade shows in Poland, Turkey and Kunststoffe in Germany.

The historic event, with Guest Speaker Robbie Glen, remained the big networking event on the UK plastics industry calendar and combined light-hearted entertainment with valuable business contacts. The event brings the entire industry together and provides a clear signal to invited customers of the strength and unity that exists in the UK plastics sector under the Federation’s umbrella. The dinner, sponsored by Cogent, the Sector Skills Council for the plastics industry, featured a four course meal which was heavily praised by guests for its excellent cuisine.

Guests enjoyed good food and great networking opportunities at the 2007 BPF Annual Dinner.
thermoplastics, injection moulded, powered Golf Trolley was the winner of the Horners’ Award 2007. The prestigious Horners’ Award, run jointly by the Worshipful Company of Horners and the British Plastic Federation is now in its 62nd Year. The Award is presented annually for imaginative or innovation contributions to the plastics industry.

The judges of the Horners’ Award were greatly impressed by the overall design concept of the Golf Trolley which is compact and foldable, easy to handle, transport and store.

The Golf Trolley has been designed by Greaves Best Design and is manufactured by GoKart Powered Golf. Tooling, moulding and component sourcing is accessed through DT Industries. Plastics materials are used to great effect in producing an extremely durable, light weight and low maintenance product which is easily manoeuvrable at all elevations and on golf courses with challenging terrains.

The judges were also delighted to nominate the Owen Mumford Humira Auto Injector drug delivery system for the treatment of rheumatoid arthritis as runner-up and recipient of the BPF’s Highly Commended Certificate.

The materials selected facilitated innovation in the incorporation of springs, hinges, gears, and integral latches. Tactile qualities could be introduced which enhanced comfort and allowed a firm grip. Overall, as the components were moulded, the number of parts could be reduced with cost savings resulting.

John Greaves, Partner, Greaves Best Design

Plastics Industry Awards

In 2007 the BPF continued its support for the Plastics Industry Awards, held annually at the London Hilton Hotel. The Plastics Industry Awards, organised by the highly respected industry journal ‘Plastics & Rubber Weekly, aims to recognise the achievements of the UK plastics industry. These awards have been created to provide a common platform to celebrate the achievements of the plastics industry at every level and to enhance the image and self-esteem of the industry.
The Council of the British Plastics Federation
As of 31 December 2007

PRESENTER
Calum Forsyth Wavin Plastics

VICE-PRESIDENT
Paul Jukes Arkema

POLYMER MATERIALS MANUFACTURERS
Brian Cosgrove Solvay Polymers
Roger Mottam INEOS Vinyls
Glenn Wycherley Bayer Materials

ADDITIVES SUPPLIERS
Mike Ashwood Gabriel-Chemie UK
Andy Jones Baerlocher UK
Paul Turner Kronos Ltd

PROCESSORS
Peter Abbott Spectus
Chris Bowman Reticel
David Cope ALBIS UK
Jonathan Haddock SCA Tuscarora
David Hall Polypipe
Philip Hilton RPC Group
Iain Leicester Carpenter
Philip Maddox Zotefoams
Brian Mann McKechnie
John Ogilvie Network Veka
David Openshaw Micropol
Joseph Reeve Data Plastics

MACHINERY AND ENGINEERS
Stephen Forster Eaton-Williams
Chris Francis Meech

RECYCLERS
David Wrigley Epwin Group

DISTRIBUTORS
Mike Boswell Plastribution

PICME
Chris Bayliss PICME

PLASTICSEUROPE REPRESENTATIVE
Chris Easdown Dow Chemical

HON TREASURER
Philip Watkins Gabriel-Chemie UK

EX OFFICIO MEMBERS
Peter Davis BPF
Philip Law BPF

FEDERATION SECRETARY
Alan Davey BPF

Staff of the British Plastics Federation

Peter Davis OBE Director General
Caroline Ayres Pipes Group
Philip Batten Standards Manager*
Patricia Begley Marketing & Communications Executive
Alan Davey Pipes Group Secretary* (part-time)
Dan Frake Finance and Admin Director
Mercia Gick (Dr) Senior Issues Advisor* (part-time)
Doreen Greenaway Events and Admin Executive
Lewis Hanlon Administrative Assistant (part-time)
Lorna Hewson PA to Director General (part-time)
Stephen Hunt Business Development Manager
Justyna Jaworkska Receptionist / Clerk/Assistant P/Eur Finance Assistant
Paul Jervis Windows Group Technical Consultant*
Frank Jones Pipes Group Director*
Christine Jones Pipes Group Secretary* (part-time)
Johanna Keane Caterer (part-time)
Angela Ladner Finance and IT Executive
Philip Law Public and Industrial Affairs Director
Kevin Longworth Industrial Projects Executive
Tim Marsden Construction Issues Executive
Kirti Patel PA to Philip Law (part-time)
Sarah Plant Raw Materials Issues Executive
Christine Pottinger Receptionist (part-time)
Anthony Roberts Senior Public Affairs Executive
Chris Stride EPS Construction Market Development Manager*
David Waite Flexible Foam Group Divisional Executive*

Affiliated Associations

Listed below are associations either with whom the BPF is affiliated or who are affiliated to the BPF:

Gauge and Toolmakers Association (GTMA)
Northern Ireland Polymers Association (NIPA)
Packaging and Films Association (PAFA)

Plastics Consultancy Network (PCN)
PlasticsEurope
Polymer Machinery Manufacturers’ and Distributors’ Association (PMMDA)
Scottish Plastics and Rubber Association (SPRA)
The BPF Recycling Council

*not based at BPF office, London