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ABOUT THE BRITISH PLASTICS FEDERATION

Established in 1933 the British Plastics Federation is the most powerful voice in the UK plastics industry and is composed of over 430 direct members and 1,600 affiliates across the plastics industry supply chain. Membership includes polymer producers and suppliers, additive manufacturers, plastics processors, recyclers, services providers, end users and machinery manufacturers.

The BPF promotes the interests of its Members principally through its 20 Members Groups and four BPF Central Expert Committees which address industry wide concerns including Environment, Fire, Product Safety and Industrial Health & Safety.

10 KEY MEMBERSHIP BENEFITS

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

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

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

4. **Plastics Market Intelligence**
   Members can gain instant access to detailed plastics market intelligence including polymer pricing, international trade data, lists of global agents & distributors, over 500 papers delivered at BPF seminars and contact lists of the global plastics press. All this is available 24 hours a day through the password protected ‘Members Only’ area of BPF Online.

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

THE PLASTICS PROCESSING INDUSTRY IN THE UK

- **Material Processed**: 4.6 million tonnes
- **Plastics materials produced**: 2.5 million tonnes
- **Processor sales turnover**: £13.1 billion
- **Value of exports**: £4.6 billion
- **Plastics Products exported**: 25%
- **People employed**: 185,000
- **Number of primary processors**: 3,000
- **Companies in the plastics industry**: 7,430
- **Plastics industry turnover**: £19 billion

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

The BPF employs 17 SPECIALIST STAFF and engages a number of consultants to meet the needs of the membership.
The BPF remains **NOT FOR PROFIT** and all income is ultimately directed to support the UK Plastics sector’s aims and objectives.

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6 **Fortnightly Newsletter**
A fortnightly newsletter keeps members up to date with legislation, technology, process developments and industry news.

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

8 **BPF Buyers Guides**
Known in the industry as the ‘blue bibles’, the BPF Buyers’ Guides have for the last 30 years helped companies source reputable suppliers from across the plastics industry. The BPF has distributed 14,000 Guides via trade shows, seminars and web downloads since the launch in 2009. All 11 can be downloaded at www.bpfbuyersguides.co.uk

9 **Free Legal Counsel**
Instant access to a team of lawyers giving free legal advice on issues such as Tax, VAT, PAYE, Payroll, Employment and Personnel, Health and Safety and Commercial Legal.

10 **Member Discounts**
Substantial savings including a 50% discount on the fees for the Climate Change Agreement, 20% in the BPF Plastics Bookshop, reduced cost at BPF Seminars and international Trade Shows, Business Support
Members can also benefit from special offers provided by members of the Business Support Network as alongside specially negotiated discounts on 100% of products and services.
In 2011, I was elected President in succession to the indomitable Paul Jukes, whose two years of office encompassed both the recession and the hesitant recovery that we are seeing now. Paul was particularly keen to see for himself the BPF’s efforts to develop overseas trade in growth markets such as Turkey and India and there are memorable photographs of him adapting well to the pomp and ceremony of the opening of the Plastivision exhibition in Mumbai, India, as our President. Under Paul’s leadership, in these times of unprecedented change, the BPF has emerged with its reputation enhanced and a significant increase in membership.

Plastics – a key part of our manufacturing economy

As the theme for my Presidency I have chosen “Our Sustainable Plastics Industry: A strategic asset in our manufacturing economy.” We plan to increase awareness, in all our target audiences, of the excellent sustainability credentials of our industry’s plastic products, and the industry itself. But we also want to make the media and financial community more aware of the importance and potential of the plastics industry, supplying into all parts of the UK manufacturing economy, as an engine for growth. We have many national assets: a strong, innovative “can do” attitude in our companies; world class universities in plastics and a strong design sector needing the capabilities of plastics.

In 2011 the BPF supported Energy Climate Week by promoting the energy savings achieved under our Climate Change Agreement and plastics contribution to lightweight cars and aircraft.

We also celebrated the success of Vinyl 2010 in more than achieving its target of 200,000 tonnes of post-consumer use PVC being collected and recycled across Europe, with 49,000 of that being achieved in the UK alone.

The World’s population reached 7bn on 31st October and we achieved media coverage that day by showing how plastics can help the world cope with rapid population increases through, for example, plastic pipes and tanks giving access to clean water, currently denied to 1 billion people. Plastic packaging can help prevent the 50% wastage of agricultural produce in less developed countries.

That same month Peter Davis gave a major presentation on the Plastics Industry’s Sustainability achievements and targets to the Government’s Chemical Stakeholder Forum.

In the written answer to a Parliamentary Question in November, Department for Business Minister Mark Prisk MP “recognised the importance of the UK Plastics Industry and its role in the transition to a green economy.” I was delighted to see that the Minister acknowledged his awareness of the role of plastics in minimising greenhouse gas emissions came through a “close dialogue with the British Plastics Federation.”

We have made a good start in promoting the environmental achievements and growth potential of our sector – there’s more to come.

Energy and Raw Materials

In 2011 we were much concerned by the increase in energy prices, 15% on average, and the cavalier attitudes and huge profits of the six major energy companies.

This is not helped by the delays in replacing old nuclear, coal and oil power generating capacity. Every month lost without progress brings the risk of power supply not equalling demand closer, and with it even higher energy prices.

Of course we welcome the investment in wind energy, utilising plastic composite rotors, but much more is needed, including Energy from Waste which could provide 11% of UK energy needs.

A big challenge facing all of us in 2011 was the availability and cost of plastic raw materials. Important materials were in short supply and we saw unprecedented price increases. The BPF was in close touch with the Department for Business Innovation and Skills on this during the year.
than spend and the financial turmoil in the Eurozone. We can, with just cause, be grateful that Britain has its own currency, but the Eurozone turmoil, which is by no means over, has a direct effect on all our companies in terms of exports and availability of credit and loans.

Our surveys show our member companies rely heavily on exports to Western Europe. It is essential that with BPF and UKTI assistance they explore business in high growth markets such as China, India and elsewhere.

BPF Business Groups and Committees
We were delighted to welcome into the BPF the Recycling Council who became the BPF Recycling Group on 1st January, bringing into membership over thirty companies. This Group has published an excellent Buyer’s Guide, available on our website. They are a valuable centre of expertise in recycling, of assistance to all our membership.

In 2011 we celebrated the 30 years anniversary of our BPF Windows Group. They have achieved so much in the sector on standards, marketing, and promoting the environmental benefits of UPVC windows and doors.

In November I chaired the annual meeting of our Business Group and Committee Chairmen and was deeply impressed by all the progress and activities undertaken for the benefit of the industry.

A former President of the BPF, David Williams, was elected Master of the Worshipful Company of Horners; the Plastics Industry’s Livery Company. We were pleased to be able to present him with a cheque for £14,000 for Polymer Study Tours drawn from the Bowen Trust for Education.

We had a record 440 attending our 78th Annual Dinner in October and our guest speaker Gyles Brandreth was a great success.

It was my great pleasure to award Frank Jones, the retiring Director of the BPF Plastic Pipes Group, the BPF Gold Medal for distinguished service to the BPF and the Plastics Industry.

I would like to end by thanking the highly professional BPF staff for all their hard work on the industry’s behalf. Another asset we have apart from our staff is the fact we own our own building in London which has just been re-valued at £2.1 million.

In 2012 we celebrate 20 years in BPF House, Shoreditch and we owe much to our forbears for the wise decision which bought us here.

Philip Watkins
President
In 2011 we witnessed a great deal of activity by the Coalition Government in trying to re-balance the economy by stimulating manufacturing. This of course does take time and will not happen quickly. The Chancellor’s 2011 Budget contained a number of measures that the BPF welcomed such as: a 2% cut in Corporation Tax; doubling the limit on Capital Allowances from 4 to 8 years; a substantial improvement in R&D tax credits for smaller companies and an increase in funding for 80,000 more apprenticeship places.

Most of these the BPF led Seven Associations Alliance had asked for in our submissions to the Chancellor before the Budget. I attended the Department for Business’s Manufacturing Summit in January. The whole of the Secretary of State Vince Cable’s ministerial team were present and also the Deputy Prime Minister Nick Clegg. There were plenty of opportunities to give views and ideas and ask questions.

We ourselves made submissions to the Government’s “Red Tape Challenge” helped by a survey we conducted of what regulations BPF companies found most costly and burdensome but I am glad to say some member companies made their own submissions encouraged by us.

Towards the end of the year the Government launched its “Make it in Great Britain” campaign which we hope to participate in. On this same theme, I wrote as Chairman of the Alliance of Industry Associations to Vince Cable MP expressing concern that a contract for new trains had gone to a German rather than British firm.

We must learn from France and Germany how their Governments ensure their national companies get major contracts. I raised this matter at an Enterprise Forum meeting of MEPs which I chaired in November.

Stimulating manufacturing also means keeping taxation on the industrial use of energy as low as possible. The BPF’s Climate Change Agreement with the Department of Energy and Climate Change is, with 268 sites, the fourth largest CCA out of fifty four. We welcomed the addition in April of gas as a fuel and attended consultations on the future shape of the CCAs. The discount on the Climate Change Levy was reduced from 80% to 65% in April.

Construction
With our construction products members badly affected by the low levels of activity, the BPF took a stand at ‘Ecobuild’ in March and launched a new brochure “Plastics in Construction: A Guide for Architects and Specifiers” followed later in the year by ‘PVC-U windows – The Product of Choice – Saving Energy for a Greener Future’.

We also sponsored ten Royal Institute of British Architects (RIBA) lectures on Smart Materials Schools of Architecture across the UK. Our BPF speakers were armed with an excellent presentation and we are very pleased with the positive dialogue with students.

I enjoyed chairing the opening session of the international PVC Conference in Brighton in April, administered by IOM3 and we and some members gave a comprehensive briefing on PVC in November to Government officials from four Departments.

Recovery and Recycling
With our Plastics 2020 Challenge colleagues, the Packaging and Films Association (PAFA) and Plastics Europe we launched Energy from Waste UK on 15th February with MPs and Peers attending, to promote the benefits of EfW. We and our unique partners from universities, associations and waste management companies met with DEFRA officials and their then Minister Lord Henley also DECC Minister Charles Hendry. Materials Recycling Week published an article written by me on the benefits of EfW in March, and we welcome EfW being a priority for the new Green Investment Bank.

On 16th December the Government published a consultation paper on packaging recycling targets for the years 2013 – 2017. The consultation period was extremely short and the Government’s preferred target is completely unrealistic, requiring a jump in plastics packaging recycling from 24% to 42% when there is little likelihood in the time of rapid investments in new recycling facilities or co-ordinated collection, sorting and recycling by local authorities. We will campaign to lower the target to an achievable level with our Plastics 2020 colleagues.
Trade Development
We took companies this year to India, China, Poland and Turkey, organising the British Pavilions in the Plastics shows in those countries. It was our first time at the Plastivision show in Mumbai and I signed a Memorandum of Understanding with the All India Plastic Manufacturers’ Association. This adds to our strong links with the Organisation of Plastic Processors in India (OPPI) and the Plastindia foundation. India’s plastics consumption is growing at 16% per annum and there are many opportunities there for British Companies.

Plastics and Litter
The image of plastics is negatively affected by littering particularly in the marine environment. In 2011 the BPF did a huge amount in practical action.

With our Plastics 2020 colleagues we successfully piloted the “Bottle Champions” recycling campaign with the Marine Conservation Society in thirty primary schools. For recycling plastic bottles the schools won a brand new sports strip for the school made of recycled bottles.

The BPF signed an International Declaration on Marine litter along with 54 international plastics associations. We support the EuPC plastic trawl to collect floating litter and hope it can be deployed in the UK.

“Operation Clean Sweep – Plastic Pellet & Powder loss Prevention” attracted well over forty of our larger member companies to sign the Pledge. We need more! I spoke at two marine litter conferences and we met DEFRA marine officials on three occasions.

On 17th October I took part in the “Love Where You Live” Croydon Litter clean, with 40 volunteers including the TV personality Kirstie Allsopp and DEFRA Secretary of State Caroline Spelman MP.

Staff Matters
In 2011 we lost to retirement two valuable members of staff who have contributed much to the BPF’s success. PA to BPF Director-Generals since 1989 Lorna Hewson completed 22 years service and at her farewell in May, attended by many Past Presidents I praised her enthusiasm, efficiency and hard work and all the help she gave to me.

We said goodbye later in the year to Frank Jones, Director of our Pipes Group since 1993. Frank has overseen innovations which have made plastic pipes mainstream products and key to this success is his hardwork on standards.

Fozia Ghadiali was promoted to be my PA, as was Caroline Ayres to be Pipes Director. Francisco Morcillo joined us as Industrial Issues Executive and Sue Cocks as Caterer. I wish them all success at the BPF.

Philip Law is very well known in the membership and the industry. We were all delighted when he married Nhung in September. We wish them both all happiness.

Finally I would like to thank all our members who serve on our Council, Groups and Committees for the benefit of the industry, particularly our excellent President, Philip Watkins for his leadership and wise advice.

Peter Davis OBE FRSA
Director-General
British Plastics Federation

"Operation Clean Sweep – Plastic Pellet & Powder loss Prevention"
MANUFACTURING

Rebalancing the economy in favour of manufacturing is the central macro-issue addressed by the BPF. We maintained our membership of the EEF co-ordinated Manufacturing Alliance and our current Presidential Theme is ‘A Sustainable Plastics Industry: A Strategic Asset in Our Manufacturing Economy’. To support this we prepared an extensive paper which makes the case for plastics as the key to the attainment of a Low Carbon Economy and we are seeking a suitable opportunity to present this to a Government Minister.

Energy costs and availability are major concerns we registered with Government. Meanwhile our Climate Change Levy is still in place with some 268 sites as members of it. A Government Consultation on the future of CCAs is currently underway which will probably give the Environment Agency a bigger role in their administration as the Department of Energy and Climate Change (DECC) seeks to reduce its costs. Smaller CCAs might be imperiled by integration with larger, cognate schemes. It’s impossible to assess how our CCA will be affected.

We are also exercised by Materials price escalation and availability. We’ve pointed out to Government the lack of investment in Western European polymerisation facilities and the growth of capacity in the Middle East, Far East and North America, the latter having increasing advantages in gas availability.

We believe Government should be taking a much more serious interest in the future availability to UK manufacturers of key industrial raw materials.

Our six monthly Business Trends Survey is gathering weight with now almost 100 companies completing returns. The Survey forms the basis of our annual meeting with the Bank of England where this year we met Spencer Dale the Bank’s Chief Economist and Member of the Monetary Policy Committee. The Bank values our Survey as it sees the plastics industry as a key indicator for the performance of manufacturing as a whole.

With slower growth in Eurozone markets and with the weakness of sterling we have been encouraging member firms to explore overseas markets. Our principle thrust is towards Asia and in 2011 we exhibited at Plastivision in Mumbai and Chinaplas in Guangzhou. We held a highly rated seminar on Indian market opportunities for plastics firms in October. Our secondary thrust is towards Central and Eastern Europe as witnessed by our presence at ‘Plastpol’ in Poland and Plasteurasia in Istanbul.

SUSTAINABILITY

The sustainability arguments for plastics are well documented particularly in the use phase for plastics building and construction products and plastics packaging. Our ongoing challenge is to communicate these arguments and to secure recognition by the key stakeholder groups.

Within our limited financial resources we have been extremely active in promoting the plastics in construction story to architectural students through our sponsorship of the RIBA Smart Materials lecture series. We have a sophisticated presentation supplemented with a brochure, ‘Plastics in Construction: A Guide for Architects and Specifiers’, published in early 2011. The sustainability benefits of particular PVC applications have also been elaborated in a series of recently published posters. Pre-existing documentation on EPS building products, notably ‘The Enhanced Construction Details for EPS Insulation’, again published this year, complete the picture. These messages were communicated at the Ecobuild Exhibition at the Excel Centre in March.

On packaging we will be launching, in 2012, a new benefits statement: ‘Plastics Packaging: the Advanced Packaging Medium of the 21st Century’. This will be elaborated in a series of press briefings and makes the point that plastics packaging is ‘the genius behind retailing’ and a national economic strength to be fostered rather than punished.

For ‘Sustainability in action’, the pan-European Vinyl 2010 programme has successfully drawn to a close and its successor project, VinylPlus is currently being elaborated and more definitive details of its operation are still awaited. BPF supports VinylPlus and has applied for funding to support Vinyls Group activities.

A key aspect of sustainability is energy consumption. We helped companies reduce their bills and to improve the eco-profile of their products. We commissioned Robin Kent to write a process- by- process ‘Quick Start Guide to Controlling Energy Use in Plastics Processing’ which was sent to every member firm and at Interplas we launched a summary version of this, ‘Energy Management in Plastics Processing’.

WASTE MANAGEMENT AND LITTER

Recycling is a key credential of plastics sustainability. We have been involved in the major PVC sustainability initiative Vinyl 2010 since its inception and the UK has emerged as a star in PVC recycling on a European scale with some 50,000 tonnes of PVC building products recycled in 2010. Its successor project, VinylPlus, aims to recycle a further 800,000 tonnes by 2020. For EPS Packaging approximately one third of the volume consumed is recycled. Crucially The BPF Recycling Council entered full BPF membership at the beginning of the year as the BPF Recycling Group. As a consequence BPF has been calling for greater standardisation of quality standards between Local Authorities and a tightening of rules governing the Trans-Frontier Shipment of Waste.

Not all waste is recycled and for the fractions falling below the viability line...
Energy from Waste is an appropriate route. This is relatively poorly developed in the UK and to raise its profile in a coherent way we have joined the Energy from Waste Coalition with other industrial and academic parties.

We are still active in the ‘Plastics 2020 Challenge’ alongside our partners PlasticsEurope and the Packaging and Industrial Films Association which, among other things, aims to double the plastics packaging recycling rate by 2020 and to divert all plastics away from landfill.

Litter is not the creation of the plastics industry but we have to at least partly contribute to the solution. Hence we have decided to participate actively in the government-backed Keep Britain Tidy scheme ‘Love Where You Live’ which aims to reduce litter through promoting individual responsibility. The fact we are the only industrial partner has won us some credit.

Marine litter is quite a different issue. It’s global in scale and highly emotive with a focus on damage to wildlife and toxic threats to the food chain. The BPF developed its links with the Marine Conservation Society, assisted with its ‘Bottle Champions’ Recycling campaign involving 240 Primary Schools, participated in beach litter surveys and clean-ups and part-sponsored, with other EuPC partners, a study on the uptake of microplastics by molluscs at the University of Ghent. It also launched ‘Operation Clean Sweep’ a programme to prevent pellet loss in plants which now has almost 40 members as signatories to it.

### INDUSTRIAL HEALTH AND SAFETY

We have maintained our support for SIMPL- Safety in Manufacturing Plastics and 45 CEOs of member firms have pledged to reduce accidents in line with the SIMPL targets. We have developed guidance to help member firms, accessible through our website, and we continued our seminar series on health and safety with an edition featuring the basic risk assessment process. We need more signatories to the SIMPL objectives and we urge all member firms to seriously consider making the commitment.

### EVENTS

In 2011, eleven seminars were organised which carried broad appeal. All were highly rated by attendees. Several for example on recycling and bio-based and degradable plastics are becoming regular fixtures in our calendar. Our engagement of top class speakers combined with low costs produces the best value events available to the industry.

Our overseas events programme, principally BPF exhibition stands, is arrived at following close analysis of overseas business development opportunities and detailed negotiation with UKTI. We broke new ground by exhibiting in Mumbai in 2011 and by signing a Memorandum of Understanding with the All India Plastics Manufacturers Association. We secure a high profile for the BPF contingent at trade shows so that they punch above their weight. In Guangzhou the UK Consul for Southern China toured the stand for a whole afternoon. Our book ‘Sustainable Manufacturing: A Guide For The Plastics Industry’ provides the platform for UK expertise in plastics. It is downloadable on www.sustainablemanufacturing.co.uk, is constantly updated and all BPF members have the opportunity to contribute articles.

### 2011 ANNUAL DINNER

This year’s Annual Dinner attracted a record number of ticket sales. The purpose of the Dinner is three-fold, firstly as a key networking event for the entire plastics industry, secondly, to show guests and stakeholders the size and unity of the sector and thirdly to showcase our Awards – the BPF Gold Medal for services to the Federation and the BPF Energy Award for outstanding progress made in energy efficiency. It is really crucial that members attend and show their support. Next year’s Dinner will take place on the 18th October 2012 at the Lancaster London Hotel.

### EU REPRESENTATION

BPF has maintained its support for the EU-level trade associations for plastics although it is increasingly conscious that the UK industry has to have a global outlook.

We are members of the following organisations:

- EuPC (European Plastics Converters) – Peter Davis and Philip Law
- EuPR (Plastics Recyclers) – Roger Baynham (Recycling Group)
- EPPA (European Window Profile) – David Wrigley (Epwin) and Philip Law
- TEPPFA (European Pipes & Fittings) – Frank Jones and Caroline Ayres
- EUMEPS (European EPS Product Manufacturers) – David Emes (EPS Group) and Jonathan Bloom
- EUROMAP (European Machinery Producers) – Philip Law
After the exceptional year in 2010 which benefitted from the first full year of services income from BPF Energy Limited, the Federation saw a return to normality in terms of financial performance in 2011.

Whilst total income for 2011 at £1,851,136 was in-line with expectations, it was below that in 2010 by 9.5% or £194,462. Most of the Federation’s revenue streams performed below that of the previous year, the exception being membership subscriptions which despite being held for a third successive year, grew by 2.4% in volume to £824,876 an increase of £19,585 over 2010.

Administrative expenses at £1,797,468 rose by £20,327 or 1.1% over 2010, reflecting generally higher operating costs but lower event programme expenses.

The financial outcome reflects another good year for the Federation resulting in a return to normal levels of surplus at £13,415 (2010: £226,112); also another busy but satisfying year for the committed BPF staff.

The Federation’s freehold property at 5 & 6 Bath Place was professionally valued on an existing use open market basis as at the 31 October 2011 at £2,135,000. This represents an increase of £410,000 on the previous BPF House valuation of £1,725,000 in 2008.

The Federation’s financial statements are prepared on a going concern basis and whilst the company has net current liabilities at the year-end of £322,026, this has been managed down over recent years and represents a £43,416 reduction over 2010. The BPF continues to strengthen its balance sheet and remains in a strong position to meet its liabilities as they fall due.

Membership subscriptions, having been held for three successive years, have been increased by 3.5% for 2012.

Financial Operations
Cash and treasury management has been a focus area in 2011 with new interest bearing bank accounts being opened and more resource put behind credit management.

IT & Communications
Microsoft Office 2003 was upgraded to Office 2010 licenses retro-fitted to Office 2007 for current use until our CRM system (Concept) is upgraded to be compatible.

The next cycle of pc and laptop replacements was actioned during the year with new equipment using Windows 7 operating system.

BPF House
During the year fixed electrical testing and remedial action was carried out to comply with BS7671 standard. Also our intruder alarm was upgraded to police auto response standard.
BPF AND THE MEDIA

The British Plastics Federation: from the frontline

From the front line

On March 1-3, 2010, the Excel exhibition hall played host to Ecobuild, a trade show for people involved in the design and construction of buildings aiming to help the environment. As much as 25% of UK plastic output is sold to the construction industry — making it the second largest user of plastics in the UK. The British Plastics Federation had a stand at Ecobuild and British Plastics and Rubber took the time to find out more.

Q: Your stand at Ecobuild has drawn a lot of interest from the plastics community. Tell us more about the show and the rationale behind taking a stand.

A: Ecobuild is a UK-based trade show for suppliers of environmentally friendly products to the construction industry. We participated in the show because we wanted to do something significant to help the plastics building products sector. Currently the construction sector is the second highest user of plastics in the UK, accounting for 25% of all plastics consumed, and is expected to be a major contributor to the London 2012 Olympics and Greenwich projects.

The BPF issued over 50 press releases in 2012 covering a variety of topics including key issues taken on leading issues, BPF events and personalities. These received widespread coverage in the plastics industry press, the media of user industries and often appeared in the national media. The BPF is seen as the first port of call by national media seeking comment on a plastics related story. The full archive of BPF press releases is accessible on www.bpf.co.uk.

BPF Online is firmly established as the world’s number one resource for information on the plastics industry. This allows the BPF to harness sales leads for its members as well as promote the industry as a whole. In total the website attracted nearly one million unique visitors throughout 2011, allowing the BPF to engage directly with the industry and public as a whole in a way simply unachievable in any other media.

In addition, the website also provides the BPF with a further revenue stream by offering members highly cost effective advertisement opportunities.

The website is heavily used by key decision makers across industry. In addition, the website acts as a major source of information for both Government and the media allowing the BPF to ensure that relevant stakeholders are properly informed about the Plastics Industry.

The website is now 15 years old and is constantly updated and improved. As of December 2011 the website consisted of some 1,491 pages of content, making it a truly indispensable source of information on the plastics industry.

**2011 Statistics**

- Unique visits: 913,164
- Page views: 1,224,729

**Twitter and Social Media**

The BPF continues to disseminate its many and varied messages through the medium of social media. The BPF have been ‘tweeting’ since 2009 and as of 31st December 2011 we had over 2,000 followers. Twitter continues to play a key role in ensuring the BPF can spread its messages far afield and to communicate with audiences that otherwise it would not generally engage with. In addition, the BPF continues to develop its Youtube Channel (with over 11,000 views as of December 2011) and also its Linkedin profile.
PLASTIPEDIA

The world’s largest online plastics encyclopedia continued to drive huge amounts of traffic to the BPF web portal throughout 2011, registering nearly half a million page views over the course of the year. Members continue to submit first rate content for the site which grows year on year, with a detailed section on the testing of plastics being launched in Q1 2012.

CONTINUED DEVELOPMENT OF THE BPF SHOP

Over the course of 2011, the BPF continued to develop its new shop platform. The shop currently has 14 publishers signed up with over 1,200 books ready to go on sale on launch. In addition the BPF spent much of 2011 scanning legacy publications which will be available to download for the first time on the platform when it launches in early 2012.

PLASTBOOK

In October 2008 the BPF launched ‘Plastbook’, the world’s first professional network aimed exclusively at the plastics industry. Over the course of 2011, ‘Plastbook’ was redesigned to simplify the user interface and attract a wider audience. Plastbook currently has over 1,500 industry experts registered with more than 3,000 questions posted on the site.

World overview of BPF site usage

<table>
<thead>
<tr>
<th>Region</th>
<th>Usage</th>
</tr>
</thead>
<tbody>
<tr>
<td>UK</td>
<td>52%</td>
</tr>
<tr>
<td>Asia</td>
<td>18%</td>
</tr>
<tr>
<td>North America</td>
<td>10%</td>
</tr>
<tr>
<td>Rest of the World</td>
<td>20%</td>
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</tbody>
</table>
In 2011 the British Plastics Federation took part in the Plastivision exhibition for the first time. It is the largest plastics trade show in India held in 2011 and the largest trade fair in Mumbai ever. The show took place at the NSE Bombay Exhibition Centre and attracted over 72,000 visitors, accounting for a 75% rise in the footfall compared to the previous edition (three years ago).

The UK Pavilion featured the following exhibitors (supported by UK Trade & Investment grants):

- Aerogen Company Ltd
- British Plastics Federation
- Cinpres Gas Injection Ltd
- Engineering Plastics Ltd
- Farrel Ltd
- Hardie Polymers
- IDT Systems Ltd
- Impact Solutions
- JSP Ltd
- London Metropolitan University
- NDC Infrared Engineering Ltd
- Trans XL Ltd
- Zotefoams Plc

The show organiser, All India Plastics Manufacturers Association (AIPMA) has appreciated the UK participation at the show. As a means of sealing the British and Indian cooperation, the BPF signed a Memorandum Of Understanding (MOU) on the last day of the show between Peter Davis, Director General at the BPF and the President of AIPMA, Yogesh P. Shah.

On the second day of the show, the BPF organised a Sustainable Manufacturing Forum held in a conference room, where the show inauguration took place, just by the main entrance to the fair ground. The Seminar attracted over 50 delegates, who received a free copy of the 2nd edition of the Sustainable Manufacturing Guide launched especially for this occasion (visit www.sustainablemanufacturing.co.uk to download the book). The Sustainable Manufacturing Guide is an ongoing initiative of the BPF, supported by UKT&I, which features a number of high value articles on energy saving, material selection and manufacturing efficiency printed in 200 copies and distributed at the Plastivision show. It was very popular with the Seminar delegates who praised the informative content of the book.

The next Plastivision will take place on 12 – 16 December 2013.
"Plastivision India has been a most successful event for IDT. We have had well over 400 enquiries, have taken orders to the value of 128,000 Euros by day 3 and have signed an MOU to set up a joint venture, IDT Systems [India] Ltd, with a reputable and experienced partner. Our business continues to export 98% of its product lines, all of which are made in the UK. Many thanks once again to the BPF team for all their guidance and efforts in making all this possible."

Robert Skelly, Chairman of IDT Systems Ltd.

**PLASTPOL**

**Kielce, Poland, 24–27 May 2011**

Plastpol is the largest plastics industry exhibition of Central and Eastern Europe, which takes place annually in Kielce and attracts around 700 exhibitors and 17,000 visitors.

The British Plastics Federation promoted its members via the printed copies of the Buyers Guides and disseminated information on the progress of the European R&D projects which we are involved in.

A number of UK companies exhibited at the show with their local agents and distributors, these included: Cinpres Gas Injection, CR Clarke & Company, Meech Static Eliminators. Others (Aqua Cooling Solutions, Listgrove) took part in the Catalogue show, where the BPF distributed their brochures from its stand at the show.

All UK companies present at Plastpol featured in the British Group Guide, listing the contact details and short description in English and Polish.

The next edition of the show will take place at the same location (Targi Kielce fair ground) between 24 and 27 May 2011.
Chinaplas is the second largest plastics event after the K fair and is still growing year on year. The 2011 edition beat the record of all the previous editions with 94,084 visitors (over 20 per cent of these from overseas) and 2,441 exhibitors from 34 countries. The exhibition area covered 180,000sqm of a modern exhibition complex of the China Import & Export Fair Pazhou Complex.

The BPF organised a British Pavilion supported by UKT&I with a grant of £1,400 and featuring 11 exhibitors located at the upper level of the show complex:
- Aerogen Company
- Boston Matthews
- British Plastics Federation
- International Recycling Corporation
- John McGavigan
- Lloyd Instruments
- Meech International
- Nextool
- Rapra Ltd
- Trans XL
- Zotefoams

In addition to the British Pavilion, the BPF organised a Sustainable Manufacturing Mission to China supported by UKT&I. Ten delegates from the UK took part in the market visit and benefitted from some business to business meetings and visiting the show. The mission delegates met on the 17th of May for a welcome meal with representatives of the UK T&I Guangzhou and the China Britain Business Council (CBBC). On the following two days, the Mission delegates visited the show and took part in pre-arranged business to business meetings.

Sustainable Manufacturing or what is termed “Green Manufacturing” in China is currently a major issue and the show organisers arranged a large conference called “Eco-plastics” at the trade fair ground which attracted around two hundred attendees. The programme featured presentations on biobased and degradable plastics, recycling and energy saving, and featured presentations by Philip Law, Public & Industrial Affairs Director at the BPF and Chris Dow, Managing Director of Closed Loop Recycling. The BPF launched the 3rd edition of the Sustainable Manufacturing Guide this time in Chinese, with articles of the leading experts in the area.

The next edition of Chinaplas will be held in Shanghai, China from 18 to 21 April 2012.

“As for direct sales from the show – I am pleased to say we are in very advanced sales negotiations with a company that came onto our stand at the show. The company is from one of our targeted sectors and the order value is significant.

Additional potential customers were also meet at the show and we have subsequently been in contact, visits arranged etc – we shall see what business is generated in time.”

Richard Brookes, Boston Matthews
We would definitely not have visited without the assistance of the BPF and the funding from UKT&I. The visit has increased our feel for the relative merits of European second hand machinery, new European machinery, and new Chinese machinery. We need to be able to talk credibly to our customers about the choices they face, and the Chinaplas exhibition gave us greater insight to do that. The visit to the show was very effective.

Jon Smith, Trans XL

On behalf of Perrite and no doubt all of the remaining British Companies that exhibited at the show I would like to pay a special thanks to Justyna. Unfortunately, Perrite’s exhibition material was caught up within (...) the Turkish customs authority on arrival to Istanbul. This meant that we had no material for the first day of the exhibition. Then Justyna changed all of this with a local contact in the rapid print industry and within 2 hours a collection of Perrite posters had been replicated to display on our booth. First class...

David Hall, Commercial Director – Perrite Europe

PlastEurasia, which is one of the largest plastics events in the world and the largest exhibition in Turkey takes place annually and in 2011 it covered 9 halls and the area of 75,000 square meters. The trade show hosted 986 exhibitors from 44 countries and 31,503 visitors from 74 countries.

British Plastics Federation has again coordinated a British Pavilion at the show, where the eligible UK companies received a grant of £1,000 from UK Trade & Investment towards their stand cost.

The following companies took part in the UK Pavilion:
- British Plastics Federation
- Colormatrix
- Listgrove Ltd
- Farrel Pomini
- Perrite
- Simba Plastics
- Zotefoams

The next edition of the show will be held in Istanbul between 29th November and 2nd December 2012.

EUROMOLD
Frankfurt, Germany
29 November – 2 December 2011

For the first time, the BPF exhibited at the Euromold trade show in Frankfurt, Germany representing its members to the local audience and disseminating information on the European research & development projects we are involved in.

The 18th edition of the event attracted nearly 58,000 visitors from 97 countries with the main theme being “From Design to Prototyping to Series Production.” The exhibition aimed to build a bridge from industrial designer to product developers, producers, suppliers, and end-users and the BPF supplied a wealth of information to the show visitors recommending the UK suppliers from its membershi base.

The next edition of the show will take place again in Frankfurt, this time between 27 and 30 November 2012.
BPF BUSINESS GROUPS

BPF GROUP STRUCTURE
Over the years the BPF Group structure continues to evolve as new groups are added to the ‘BPF Family’ and others are merged. On the 4th January 2011 a new group joined the BPF, the BPF Recycling Group. Upon joining the BPF the Group was made up of nearly forty recycling firms, however over the course of 2011 nine new recycling companies joined the group, making it one of the strongest and most proactive groups within the Federation.

As of the 31 December 2011 the BPF consisted of twenty membership groups

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

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

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

POLYMER DISTRIBUTORS & COMPOUNDERS GROUP
Chair: Mike Boswell, Plastribution
Now firmly established as the leading voice for this crucial sector, the Polymer Distributors & Compounders Group continues to expand its representation with new Member companies joining year on year. A further two came onboard during 2011.

Through a varied and ever changing agenda of work, the Polymer Distributors & Compounders Group are able to keep abreast of the current market situation and how it may affect this sector. An example of this is the Group’s Credit Forum, run by Experian, which provides a confidential platform for open and honest discussion and has been running successfully since 2006. Group Members also participate in benchmarking surveys on critical costs in transport, warehousing and logistics as well as identifying the Group’s market share of polymer products (UK & IRL).

Group Members were also able to benefit from the expertise of stakeholders from outside of the plastics industry during 2011. A number of guest speakers were

The Distributors and Compounders Group remains highly active. In particular it is great to see that further companies have joined the group and this will further enhance our representation of this important sector of the UK plastics industry. In addition to the three annual meetings at which guests speakers have provided information on important topics such as market research, recruitment, and market forecasts a key benefit to the members is the credit circle which is administered by Experian. The group has also provided support for the Polymer Study Tours and at its December meeting agreed to gold level sponsorship.

Mike Boswell – Plastribution
invited to attend the Group’s meetings to present on a variety of topics including; polymer pricing, invoice finance v bank overdraft and improving customer satisfaction.

During 2011 the Group also acted as sponsor for the Horner’s Polymer Study Tours, providing a perfect opportunity for raising awareness of the UK polymer industry and engaging further with the next generation of teachers and their pupils. The Group intend to explore further sponsorship opportunities for 2012.

MATERBATCH & TECHNICAL COMPOUNDS
Chair: Greg Hammond,
Gabriel-Chemie
As the voice of the UK masterbatch & technical compounds industry, the Group has come far since its inception in 2006 and continues to promote the key role of colour in plastic products.

This was particularly evident in the Group’s activities during 2011 where, as part of the Plastics Design & Moulding Exhibition (PDM2011), the Group hosted a seminar on ‘Added Value through Colours & Additives’. This provided the Group with a platform to develop relationships with downstream users and in this particular case for engaging with the design community. The Group hope to continue these activities by exploring opportunities for working in a similar way with other design related exhibitions.

Keeping abreast of cost and business pressures associated with ongoing developments in UK & European legislation is another key objective for the Group. Relevant speakers have been brought into Group meetings to share their experience and knowledge.

Through the Buyers Guide and webpage, Group Members are able to promote the ‘British Masterbatch Industry’ both here at home and abroad.

ADDITIVE SUPPLIERS
Chair: Jim Jeffries, Chemson
With a substantial interest in plastics, crossing all applications and issues, the BPF Additive Suppliers Group continues to play an active role in almost every element of BPF activity. As the only national plastics additives grouping in Europe, its Members are at the forefront of activities to promote the essential function of additives in plastics products.

With a major focus on managing and enhancing the reputation of chemicals and additives through promotion of their role in plastics processing, the Group’s Buyers Guide and webpages are in constant development.

REACH remains a key topic of interest for the Group and is a constant discussion item at Group meetings where expert speakers have attended to offer their assistance. Another theme of interest is sustainability which will be further explored as a topic for discussion during 2012.

BIO-BASED & DEGRADABLE PLASTICS GROUP
Chair: Andrew Barclay,
Wells Plastics
Since its inception in 2009, the Bio-based and Degradable Plastics Group has been working to establish itself as the voice for this new and emerging sector.

The Group provides a key source of expertise for advising the Federation in response to increasing governmental, media, public and industrial interest. This was particularly evident in the key role played by the Group in developing the programme for the Bio-based and Degradable Plastics seminar, held 8th June 2011, which focussed on the current and future developments in this field.

A variety of discussion topics made the Group’s agenda during 2011 including UK Government activities, media attention, responsible marketing, standards & legislation and retailer & consumer perception.

The Group’s ‘Mission Statement’ and ‘Code of Conduct’ provide a framework for responsible marketing of bio-based and degradable plastics. The Group are currently working on a guidance document for environmental claims on plastics products and hope to have it published by spring 2012.

“The bio based and degradable group has had another productive and well attended year of meetings and, through the BPF, has been able to be increasingly pro-active in its dealings with government. Plans are afoot to split the group into its two sectors and this will enable a more industry specific focus in each new group’s activities.”

Andrew Barclay – Wells Plastics
Building on the activities of 2010, the Vinyls Group PVC promotional campaign gained further momentum during 2011 with the release of twelve new poster designs for display in offices and workplaces as well as on commercial vehicles. Hard copy poster packs which include all twelve designs were produced and distributed to a wide audience. Further copies are available and can be requested from BPF.

The Group continued with its sponsorship of the RIBA Presidents Medals awards during 2011 and was a key contributor to the Federation’s sponsorship of the RIBA Smart Materials Lecture Series which provided an opportunity for the PVC industry to engage with Schools of Architecture throughout the UK.

On 3rd November, the Vinyls Group held an exclusive briefing for UK civil servants at the Department for Business, Innovations & Skills (BIS) head office in London. A delegation including Vinyls Group Chairman Roger Mottram and Martin Althorpe of the BPF Windows Group demonstrated the massive progress made in PVC sustainability through the achievements of Vinyl2010 and the Recovinyl scheme.

For the 12th year in a row, the Vinyls Group once again hosted its now annual seminar on 10th November. Included in the programme for the day was a presentation from Sam Wright of WilkinsonEyre Architects who spoke at length about the reasoning behind choosing PVC fabric for the construction of the Basketball Arena for the London Olympics in 2012.

Following the conclusion of Vinyl2010, the Vinyls Group has been working hard to promote the achievements of the 10-year voluntary commitment, in particular referencing the remarkable level of over 50,000 tonnes per year of post consumer PVC now being recycled in the UK. The Group has also been actively involved in highlighting the launch of a successor programme, VinylPlus, which sets much higher targets for recycling and sustainable development. During 2012, the Vinyls Group will be looking to undertake a dedicated communications programme aimed at promoting VinylPlus not only throughout the PVC supply chain but to the wider plastics industry, and beyond. The retail sector is a key audience with which the Vinyls Group would like to develop further relations with during 2012.
POLYURETHANE FLEXIBLE FOAM GROUP (FFG)
Chairman: Ian Leicester, Carpenter Ltd
Under difficult trading conditions the FFG has continued throughout 2011 to promote and represent the interests of the UK flexible foam industry at National and European levels.

Main Aims in 2011
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 or markets demand.
2 To ensure that the UK polyurethane flexible foam industry is fully represented both on the Board and Technical Working Groups of EUROPUR (European Association of Flexible Polyurethane Foam Blocks Manufacturers).
3 To liaise independently, or via the British Plastics Federation, with UK Government, especially the Department for Business, Innovation & Skills (BIS), the Health & Safety Executive, and the Department of Environment, Food and Rural Affairs (DEFRA) on relevant matters.
4 To improve communication on fire and flame retardancy topics through regular meetings with the European Flame Retardants Association (EFRA).
5 To participate in the relevant BSI, CEN and ISO standard committees to ensure that the interests of the UK polyurethane flexible foam industry are represented.

2011 ACTIVITIES

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

UK
- An updated version of the publication titled “Flexible Polyurethane Foam - A UK User’s Guide” has been published.
- FFG has strongly participated in the BIS review of the Furniture & Furnishings Fire Safety Regulations. At this stage it is not clear what changes the government will actually propose, but we have stated that we are opposed to any relaxation of fire safety criteria.
- DEFRA has published the GnoSys report “Flame Retardant Technologies: safe products with optimized environmental performance.” The report broadly supported the use of our established FR additives and found no scientific reason for their exclusion from eco-labelled articles. We have commented that the various proposed alternative technologies are either already well known to us or are commercially non-viable.
- Networking with organisations with similar interests e.g. rigid foamers (BRUFMA) the Isocyanates Producers Sector Network (IPSN) of the Chemical Industries Association and the British Furniture Confederation (BFC) has taken place.

Participation in the IPSN meetings enables us to keep abreast of developments in the Isocyanate manufacturing industry, but more importantly to advise that industry of our desires and requirements. Any changes in the Seveso Directive are covered in this group’s activities as are Isocyanate discharging and safety issues.
- Now that the REACH Legislation has been in place for several years it is a continuing responsibility of FFG to advise members about any potential restrictions on chemicals which may arise in the future. The CLP Regulation requirements are also covered. In general our industry waits to see how the Regulation will be policed with respect to our products and processes.
- FFG are now active in the BPF Industrial Health & Safety Committee and by this membership are now able to advise its members and has encouraged participation in the SIMPL initiative.

Europe
- FFG has actively supported, and supplied the Chairmanship, of the new “Impurities” Working Group of EUROPUR. This group is concerned with investigating the VOCs emitted from foam and has the objective of reducing these emissions. CertiPur certified foams are particularly examined here.
- FFG has actively participated in the EUROPUR Product Stewardship Working Group which covers all aspects of flexible foam product properties and associated processes.
- DG Health and Consumers has published a report by Arcadis titled “Identification and evaluation of data on flame retardants in consumer products” No risk management needs were identified for substances commonly used by UK foamers, but we have written to the Commission and authors disputing the conclusion that FR additives have no impact on fire fatality statistics.
- FFG members have continued to support the CertiPur label, although the EUROPUR Working Group is not active. Discussions are ongoing with Oeko-Tex in order to promote CertiPur in association with Oeko-Tex as a combined label.

Converters’ Section
The section has met twice during 2011. At both meetings BPF provided, at members request, external speakers on matters of interest to them i.e. pensions and wealth management & succession planning. A future presentation on company insurance is planned for 2012. A flexible foam buyer’s guide is also in the course of preparation.
MOULDERS AND SPECIALIST PROCESSORS

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

The Group works to provide a springboard for collaborative initiatives that support the evolution of the UK Moulding Industry and steer new business to member companies.

The Group held a Moulders Group Forum in the second half of the year following on from the success of last year’s Forum. The Forum had two key focus topics the first half focused on the issue of automation in UK plastics moulding with the second half directed at offering expert guidance to members in order to help them prepare successful project bids.

The Group is currently in the process of undertaking a benchmarking survey of all its members. The survey will allow the Group Members to gain a greater understanding of the UK Moulders Industry from January 2011 to January 2012 with results to be published for participating members in late 2012.

ROTATIONAL MOULDING

Chair: Karen Drinkwater, JSC Rotational Ltd

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

The Rotational Moulders Group saw Martin Spencer step down as Chair after several successful years in office. The Group appointment Karen Drinkwater, Founding Director, JSC Rotational Ltd, as his successor Karen has stated that she ‘wants to build on Martin’s achievements particularly the interface with designers...’
PACKAGING GROUP

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

The Packaging Group adapted its structure in 2011 establishing the Packaging Group Management Committee to supervise its future programmes. Made up of senior representatives of member firms the Committee is charged with raising the profile of the plastics packaging industry and products and its benefits to society and the environment. Working in close co-operation with the BPF staff team it will originate, develop and supervise the implementation of programmes to this effect which will meet the needs and expectations of member firms, providing key membership benefits. It will set out to attract new members to add strength to the lobbying power of the Group.

The programmes devised will involve political lobbying, communications campaigns, one off events, and other individual initiatives.

The major focus for the Group in 2011 concerned the promotion of the rotational moulding process and its advantages to designers and downstream users. This resulted in the Group hosting its second seminar at PDM on May 18th titled ‘Design innovation in Rotational Moulding’. The seminar presented a case for the versatile nature of the Rotational Moulding process to its diverse group of attendees.

2011 saw the Group carrying out the largest UK rotational moulding bench marking survey.

and sees considerable scope for new membership. Meanwhile Martin will remain the Group’s representative to The Affiliation of Rotational Moulding Organisations (ARMO).
EPS GROUP
Chair: David Emes, BASF
The EPS Group represents 80% of the expandable polystyrene manufacturing industry in the UK and works to provide authoritative, reliable information to companies and individuals seeking independent facts about the performance of the material.

The EPS Group were delighted to announce in 2011 the completion of the enhanced construction details project for EPS insulation in masonry build. The details are endorsed by the Energy Saving Trust and the BRE. The details are the most advanced formulations for grey EPS in the UK and demonstrate how you can achieve the lowest Lambda values.

The EPS Group had a large presence along with other BPF Construction Groups at Ecobuild 2011. The Group used Ecobuild as a platform to promote the newly formed National Blown Bead Association (NBBA) and the availability of the enhanced construction details.

The Group in 2011 started to undertake a promotional project aimed at the positive promotion of the EPS fish box market. The project is aimed at reinforcing the long-established market leading solution in the protection of fish and fish products from sea to sales counters across the globe.

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

The Group works on behalf of its member companies and in careful co-ordination with the broader European Composites Industry.

The Group in 2011 continued to play a part in third party research and development activities. The Group continued with their role as a partner of the EURECOMP project which researches into key issues that arise in the recycling of composites. The Group also continued to be part of the ULTRAFIBRE project which explores issues surrounding natural fibre composites.
WINNDOWS GROUP
Chair: Martin Althorpe, Spectus
Representing the interests of the entire PVC-U windows supply chain, the mission of the BPF Windows Group with its members drawn from window system companies, ancillaries suppliers, polymer producers, additive suppliers, together with leading fabricators and installers, is to act as the voice and leader of the sector.

In 2011, the Windows Group celebrated its 30th anniversary during an event that aimed to build upon, and cement, trust amongst its partners within the industry. Staged during the BPF’s Annual Dinner, the milestone birthday welcomed more than forty people.

The Management & Implementation Committee and the Technical Committee both coordinate the activities of the Windows Group, and its members have worked tirelessly to contribute to the evolution of technical standards. In addition, they continue to raise awareness of the advantages of using PVC-U as the preferred sustainable material for windows.

The Group’s 2011 programme included its participation in Ecobuild and the BPF-sponsored RIBA lectures. This activity was supported by the publication of a new booklet, ‘PVC-U Windows: The Product of Choice’.

The Group met with key governmental decision makers and a senior DECC civil servant attended meetings to discuss the implementation of the Green Deal, the government’s flagship policy on energy saving. The BPF has influenced the decision to ensure replacement windows were included within the scheme.

The Windows Group initiated discussions with the PVC raw material producers in order to define the optimal approach to responsible sourcing and this has now been taken up and developed within the frame of the EU-wide VinylPlus programme.

SHEET AND COATED FABRICS GROUP
Throughout the recently uncertain economical climate, the Group, which represents the interests of key manufactures of plastic sheets and coated fabrics products, works proficiently to maintain the high standards of the sector.

Sharing mutual objectives and cooperating effectively with the BPF Vinyls Group, members often draw upon their significant experience and to give a unified response to modern PVC issues.

CELLULAR PVC GROUP
Chair: Dave Osbourne, Swish Building Products
Companies involved in the production of PVC-U roofline and cladding products join forces in the Cellular PVC-U Group to ensure industry best practice.

The Group focuses on technical issues facing the industry, and influences both UK and EU standards, whilst having strong links with BSI, BBA and European trade associations.

There was a significant contribution of the Group to Ecobuild 2011 ‘Plastics in Construction’ stand, where a booklet on the same subject was launched, aimed at architects and specifiers. A second edition of the booklet is due at Ecobuild 2012.
RECYCLING GROUP
Chair: Roger Baynham, Philip Tyler Polymers
The Recycling Council officially became a part of the BPF in January 2011 to form the BPF Recycling Group. The Group’s main objective is to position itself as the leading and authoritative voice of the UK Plastic Recycling Industry.

With over forty company members, and more in the pipeline, the BPF Recycling Group is a fast growing Group. The Group represents companies involved in the full range of activities for converting used plastics back into a raw material. The leading plastic recycling companies in the UK form the backbone of the Group, which acts as a focal point for advice to Industry, Government and the general public on relevant matters and information.

A brand new microsite was launched providing valuable information on plastics recycling: [www.bpf.co.uk/sustainability/plastics_recycling.aspx](http://www.bpf.co.uk/sustainability/plastics_recycling.aspx). Launched over a year ago, it has received in excess of 100,000 visitors per month, proving to be a crucial window of information to the industry and public. The microsite tops the Google search list for ‘plastics recycling’.

The Group also published a Buyers Guide to Plastics Recyclers, a crucial promotional document which only features members of the BPF’s Recycling Group. As such, the guide enables buyers to contact suppliers and make purchases with confidence. Around 1500 hard copies of the Recycling Buyers’ Guide were distributed by the BPF throughout 2011. Similarly, the BPF has ensured that the Group has a high profile in the media, and Group officers were frequently interviewed by the press on topical issues.

The Group has been successful in its lobbying of government and legislators and has a direct line of communication with the Department for Environment, Food and Rural Affairs (DEFRA). This is in addition to maintaining a close dialogue with WRAP (Waste and Resources Action Programme).

The Recycling Group is a member of the industry’s EU-wide association, the European Plastics Recyclers (EuPR), where it is represented by its Chairman, Roger Baynham.

To maximise engagement with members on the key issues five working groups have been set up for Communications, Exporters, Films, Food Contact and WEEE/ELV.

The BPF held its annual plastics recycling seminar in October where delegates heard from leading companies, including Coca-Cola, Nissan, WRAP, Axion and Closed Loop Recycling.
INDUSTRIAL PLASTICS WELDING AND FABRICATION GROUP (IPWAF)
Chair: Mike Troughton, TWI Ltd
The Industrial Plastics Welding and Fabrication (IPWAF) Group was established only in 2010, in response to the need of plastics welding and fabrication interest companies. By end of 2011 its membership reached six members with Abbey Distribution Ltd, Advanced Plastic Technology Ltd, Barkston Ltd, Plastpack Ltd, TWI Ltd and Welwyn Tool Group Ltd.

The IPWAF Group joins the interests of manufacturers, distributors, fabricators, stockists, equipment suppliers, contractors and invites UK companies to join the Group. The Group meetings held in 2011 concentrated on the standards and training available for the industry and ways of improvement to the current standards. More information is available at www.ipwaf.co.uk

PLASTICS AND RUBBER EQUIPMENT GROUP
The BPF’s Equipment Group, by end of 2011 has reached 24 members with the latest companies to join the Group being: Autodesk Ltd, Boston Munchy Ltd, CCS Technology Ltd, IDT Systems Ltd, Instron Ltd, Intouch Monitoring Ltd, IQMS, R&D Factory Ltd and Transxl International Ltd.

The Group’s members are promoted via the Buyers Guide in its printed version on all UK and foreign plastics events where the BPF is present, and via a number of electronic platforms including the Industry Directory and Plastipedia hosted by the BPF. These generate true sales leads for the machinery manufacturers and software providers, who form the Group.

The Equipment Group members are invited to the Moulders Group Forum, which brings together the BPF’s injection moulder members. Also, most of the members of this group are large-scale exporters and are active in a number of international trade shows attended by the BPF.

Justyna Elliott
Senior Business Development Executive

TELEPHONE 020 7457 5001
EMAIL jelliott@bpf.co.uk
Along with meeting the continuing challenges to the industry (more of which later), 2011 was a year of some change for the PPG, culminating in the retirement of its Director, Frank Jones, at the end of the year. Frank had been Director since 1993 and involved in the Plastics Pipe Industry for most of his working life. He is a well-known and much respected figure in the industry and will continue to work for the PPG in a consultancy role. Caroline Ayres was appointed as Deputy Director at the beginning of 2011 and after a year of working alongside Frank she was appointed as Director commencing at the start of 2012. During 2011 the group was restructured to meet new challenges and changing markets thus enabling the Group to better represent and promote its members’ interests.

The aims of the PPG are:

- To provide a forum for the exchange of technical expertise and experience between member companies on issues which affect the industry as a whole.
- To initiate and disseminate the results of any research into technical and environmental issues which may affect members.
- To promote the sustainability credentials of the members products and systems.
- To represent the members interests on the appropriate standards bodies.

- To inform and influence the standards bodies to ensure the most appropriate criteria are set.
- To provide a focal point for communication with external stakeholders and media on matters affecting the industry as a whole.
- To coordinate the members response to specific industry issues by initiating and developing relationships with key stakeholders.
- To encompass the strengths of the British Plastics Federation.

Despite continuing challenging market conditions, our share of the market continues to increase and new products continually extend the applications served by our products. In the coming years we have many challenges. The development of the unified specification for drains and sewers is still continuing with various government consultations now ongoing. We continue to challenge some aspects of the draft documents such that we can offer effective solutions coupled with long life to the developers and water companies.

The Construction Products Directive has been replaced by the Construction Products Regulation, coming into effect July 2013. This will eventually lead to compulsory CE marking for our products and the European Standards writing committees are well underway in producing the necessary harmonised standards. Meeting the requirements of CE marking and educating the market regarding their meaning will be crucial to PPG members.

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

In 2012 the PPG will celebrate its 50th birthday as the leading trade association for plastics pipes. With our history and market share we can no longer be considered as a new material and we look forward to the future when we will be considered as a traditional material with an established and well regarded performance. In addition, new high performance plastic materials will enable us to meet the needs of new and emerging applications and technologies.

The sustainable credentials of plastic pipes have been proven in studies by the European Plastic Pipe and Fittings Association (TEPPFA). The results of these studies highlight the sustainable characteristics of plastic pipes compared with other alternative materials. Plastic pipes provide a sustainable and safe way to distribute valuable drinking water and provide modern sewer systems. Their environmental contribution to public health and sanitation is unique. Moreover, their long service life followed by recycling, guarantees a high level of sustainability for many hundreds of years. New applications in the field of rainwater harvesting and management, storm water drainage, domestic grey water systems, district heating and domestic geothermal technology are also helping to create a more sustainable world.

We work very closely with Peter Davis and his team on all of the regulatory aspects and benefit enormously from the work of the BPF. Working as a united team of UK manufacturers makes all individual members stronger and better placed to face future challenges and opportunities.
79th BPF ANNUAL DINNER

18th October 2012, The Lancaster London Hotel  start time 7.15 for 7.45pm

• The premier plastics networking event
• Exclusive BPF Member-only function
• Invite your clients to this exclusive event
• Full evening of entertainment

LIVE ENTERTAINMENT
T.B.A.

Sponsored by

www.bpfannualdinner.co.uk
BPF CENTRAL EXPERT COMMITTEES

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Senior Industrial Issues Executive – Raw Materials

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Executive – Industrial Issues

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The BPF’s Central Expert Committees provide scope for membership participation, exchange of industry experience and the formulation of common policy and action programmes relating to the subject focus of the forum. The BPF invites all representatives of Member Companies with an interest in the areas covered by any of these Committees to become involved.

PRODUCT SAFETY COMMITTEE: REACH & REGULATORY ISSUES
Chair: Chris Howick, INEOS ChlorVynils
The key role of the Product Safety Committee is to provide advice and guidance to Members of the Federation in relation to developments in existing and new regulations affecting the use of plastics in articles.

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

In recent years the Committee has been heavily focussed on developments within REACH (plus associated chemicals issues) and continues to provide valuable assistance on this subject to the wider BPF Membership through the BPF REACH toolbox, available on the BPF website.

Another key topic for discussion during 2011 came about as a consequence of the introduction of EU Regulation 10/2011 (the Plastics Implementation Measure, PIM) on materials and articles intended for professional or industrial use. This regulation combines a number of pre-existing regulations and directives and introduces new requirements into a single harmonised piece of legislation.

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

In an ever changing legislative landscape, the Product Safety Committee acts as the front line in representing the wider plastics industry when responding to negative publicity and media scares.

SAFETY IN MANUFACTURING PLASTICS (SIMPL)

It has been a year since the launch of the SIMPL initiative, which is planned to run until 2014. The focus of the BPF in 2011 has been to communicate its key messages; ensuring members sign the SIMPL pledge and benefit from the BPF’s guidance and support.

In June 2011, the BPF held a SIMPL workshop on Health and Safety. It was a very successful event where the HSE and other important health and safety professionals combined their efforts to lead the discussion regarding the practicalities of action plans and communicating health and safety messages.

With more than fifty company members already signed up to SIMPL, the initiative demonstrates a commitment by the industry towards health and safety, and reinforces the BPF’s aim to build a strong, safe and sustainable industry.
The BPF continues to develop its project portfolio to the benefit of our membership base – by helping our members to create competitive advantage, whilst also helping them become more sustainable.

Whilst the European Commission’s 7th Framework Programme continues to provide the bulk of the BPF’s projects, 2011 has seen the successful conclusion of projects from the European Lifelong Learning Programme, Leonardo.

Whilst a number of projects are still under negotiation for commencement in 2012/2013, we have been working with our partners on a number of different projects & technologies, which has helped develop the plastics industry’s knowledge and understanding of a variety of subjects.

**ENERGYWISE PLASTICS**

Energywise Plastics completed in 2011 and has successfully developed an ‘e-learning platform’ and hard copy training manuals for those working in the plastic processing industry, to learn and understand how to manage and reduce their energy consumption.

As well as producing an e-learning tool, the Energywise Plastics project has developed three manuals on energy saving & energy efficiency, aimed at different areas of your business:

- Practical Guide to Energy Management for Managers
- Practical Guide to Energy Management for Processors

The Energywise Plastics project is part-funded by the European Commission’s Leonardo Lifelong Learning Programme.

Further details can be viewed http://www.energywiseplastics.eu/

**EUPLASTVOLTAGE**

The objective of this project is to prepare a long-term voluntary agreement for the European plastics converting industry - bringing together best practice from across Europe – and to promote energy-efficiency within the plastics sector.

It is anticipated that the long-term agreement, with clear energy efficiency targets contained within it, would not only considerably change behaviour within the plastics sector, but would also act as a precursor and model for voluntary agreements in other manufacturing industries.

More information can be found at http://www.euplastvoltage.eu/

**IPOLYCOND**

Although conductive polymers are not new in terms of development, the iPolyCond project will transfer knowledge from the recently completed PolyCond project into a user-friendly series of training materials and resources.

The training materials will increase plastics processors knowledge base and understanding of conductive plastics materials / conductive polymers and provide a genuine learning experience for our membership base.

The precursor to iPolyCond was the PolyCond project, which developed conductive plastics composites, providing cost effective and of high added value solutions, achieved through developing innovative products for protection against the effects of Electromagnetic Interference and Electrostatic Discharge.

This project is part-financed by European Commission’s Leonardo Lifelong Learning Programme.

**EURECOMP**

The overall objective of the EURECOMP project is to develop and promote the solvolysis process as a suitable route for recycling and re-use of thermoset-based composite waste – both post-production waste and also from end of life products.

The project, achieving a cost-effective waste treatment will allow industrial end-users, to fulfil environmental and waste disposal obligations. Composites is a key growth area for the plastics industry moving forward into the 21st century, with their wide ranging applications in advanced technologies.

This project has been part-financed by European Commission’s 7th Framework Programme.
RESEARCH & DEVELOPMENT PROJECTS

LIGHTFOAM

Lightfoam

The Lightfoam project continues to go from strength to strength. Lightfoam’s full title is:

“Novel Moulding Technology for the Production of Low Density Foams Based on Innovative Granule Technology”

The project is funded under the European Commission’s 7th Framework Research For Association programme.

This novel technology will enable manufacturers using engineering grade thermoplastics the following opportunities:

1. Reduced weight of products (critical for Automotive and Aerospace applications).
2. Reduction in raw material usage.
3. Increased productivity.

CAPSCRAP

This innovative project aims to develop an in-line monitoring system which will reduce the scrap produced during injection moulding, extrusion and blow moulding by monitoring the melt with an infra-red beam, before it is injected. Polymers considered include PET and engineering polymers such as PEEK and PPSU.

ROTOFLEX

This project is based upon an innovative development to improve cycle times and process efficiency whilst facilitating greater flexibility in product design and integrity for the SME-rotomoulding sector.

The objectives of Rotoflex are to advance the competitiveness of the European SME-rotational moulding sector through the:

- development of processes using the automatic feed system to make advanced composite products
- development of processes using the automatic feed system to deliver controlled internal mould pressurisation facilitating the use of engineering resins and sustainable resins for value added products

The Rotoflex project successfully completed a dissemination event, held at Queen’s University, Belfast, with attendee’s coming from as far afield as North America. This project has been part funded by the European Commission’s 7th Framework Programme and completed in December 2011.

The project website is as follows:
http://www.rotoflex-eu.org/

ULTRAFIBRE

Fibre reinforced polymers find wide commercial application in the aerospace, leisure, automotive, construction and sporting industries. There has been much interest in developing natural fibre reinforced polymers for a sustainable substitution of these synthetic, high-embodied energy materials to commercially exploit past research investment on the world market and for Europe to reap the sustainability benefits. New research must be undertaken to reduce processing costs and to improve fibre quality, consistency, and efficiency. The UltraFibre project will address these restrictions in the supply chain by delivering:

- A scalable, economic, continuous, clean-fluidsonics technology to deliver tonnage quantities of high quality fibre, conferring:
  - Reduced standard deviation in tensile test data by 30% of the fibres in comparison with conventional retting techniques, indicating improved fibre quality and consistency.
  - Integration of a Soft Plasma fibre treatment process giving a 25% increase in mechanical properties compared with the untreated fibre.

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

- A flow through ultrasonic processor unit has been developed
- Ultrasound treatment removes surface contaminants:
  - Consequently reduces fibre bundles to elemental fibres with clean
surfaces
- For enhanced adhesion prior to plasma treatment
- Plasma treatment of natural fibres results in an increase of mechanical properties of their composites, in particular:
  - Flax-PP flexural strength increase by 23% by using 1% MAPP
  - Hemp-PLA flexural strength increases by 20-24%

The project website is available to all at: http://ultrafibre.org/ and is funded under the European Commission’s 7th Framework Programme.

**ROTOFAST**
The Rotofast project will focus on the rotational moulding industry and developing energy efficient systems, reduce cycle times, without becoming more expensive. During this 3 year project, the Consortium will apply two technologies never used before in rotational moulding – induction heating and the use of ionic liquids on internal cooling.

Rotofast is part-financed by the European Commission’s 7th Framework Programme.

The project’s website has been updated and is available at http://www.rotofast.eu/

**GREENFLEXTUBE**
The GreenFlexTube project is a 3 year project, which will develop a universal flexible plastic pipe system, suitable for under floor heating, radiator heating and drinking water distribution. The project will also seek to develop a thermoplastic pipe without PEX, without bonding layers and without an integral aluminum layer, to allow 100% of the pipe-scrap to be recycled.

The benefit of this new pipe system will be that 100% of the pipe scrap is recyclable.

Nanoflex is part-financed by the European Commission’s 7th Framework Programme.

The project website will be continually updated through-out the three year duration - http://www.greenflextube.org/

**SUPERCLEANQ**
The goals of the SuperCleanQ project are to develop quality control and quality assurance tools and procedures for plastics recycling processes targeted at food contact applications to enable SMEs to conform to EC regulations on recycled plastic materials and articles intended to come into contact with foods.

The tools will be applied to a new process for the recycling of coloured and layered PET into food contact applications that cannot be processed by current PET recycling facilities. The project results will accelerate the development of new recycling processes for the wider food contact materials market and provide quality assurance for converters and end-users of recycled products applications for food contact thereby overcoming barriers and expanding this high value recycling market.

This is a “Research for Associations”, funded under the European Commission’s 7th Framework Programme.

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

**POLYSOLVE**
The PolySolve project commenced in November 2011 and is defined as follows:

“Development of a selective, green solvent-based recovery process for waste PS and PC”

The technology will build on the results achieved under the UK-TSB funded “HiPerPol” project whereby solvent based systems have already been developed for the selective separation of PVC and PE from mixed plastic waste streams. The extension of this technology to PS and PC will increase its capability to deal with higher volumes of mixed polymer waste.

This is a “Research for Associations,” funded under the European Commission’s 7th Framework Programme.
This year has been another eventful year for the Plastics Sector and Partners to the Climate Change Agreement.

Total income for the year at £726,308 was £445,578 lower than in 2010, due largely to the length of the previous 18 month trading period and reduced 2011 Partner fees; in line with the reduction in CCA discount on electricity to 65%.

Similarly, administrative expenses for 2011 at £725,632 were £410,489 lower than the previous period, leaving a £547 surplus after tax (2010: £28,255).

The year 2011 started with milestone 5 reporting for all Partners against the 2010 target. The sector reported on-time and, with the benefit of the sector emissions trading scheme, all partners met or exceeded target and were therefore recertified for benefits under the existing CCA scheme through to April 2013.

During 2011, BPF Energy again sponsored a number of energy communication and training initiatives including the publication of the second edition of the Sustainable Manufacturing Guide presented at Interplas and the continuing programme of energy management seminars. 2011 also saw the inaugural BPF Energy Award; sponsored and presented at the BPF Annual Dinner. Congratulations go to the winners James Dawson Limited and runner-up AAC Structural Foam Limited.

The other major activity in 2011 related to the launch of the consultation paper on simplifying the Climate Change Agreements Scheme, published by DECC at the beginning of September. This new scheme will be agreed during the course of 2012 with implementation April 2013.

In the Chancellor’s 2011 Budget Announcement in March he announced that CCAs would be extended to 2023 (as part of a new scheme consultation), that gas would be included as an eligible fuel with a levy discount of 65 per cent from April 2011 and that the electricity levy discount for CCA participants would be increased from 65 to 80 per cent from April 2013.

Subsequently in the Chancellor’s 2011 Autumn Statement in November he announced that the electricity levy discount for CCA participants available from 1 April 2013 would be increased to 90 per cent.

So, another eventful and successful year for the Scheme and Partner benefits; with the full consequences of the New Scheme to be revealed in 2012. The BPF and BPF Energy remain committed to supporting the sector and lobbying Government on security of supply, sustainability and renewable energy.
Throughout 2011 the BPF has continued to support the polymer activities within the Materials Knowledge Transfer Network (KTN). The year saw the continuation of the Materials KTN’s Innovation Column and the launch of the Materials KTN Funding Column within the BPF’s Members Newsletter. The Funding Column features, on a monthly basis, notices of calls for funding for research and development that are relevant to the polymer industry.

The Materials KTN and the BPF have held joint events together and the BPF has provided the Materials KTN with opportunities to meet and speak at BPF Working Group Chairs meetings and attendance at Council Meetings.

The fifteen KTNs, of which the Materials KTN is one, are funded by the UK Government through the Technology Strategy Board (TSB) who in May 2011 published their strategy: “Concept to Commercialisation;” this is a strategy for business innovation from 2011–2015 and aims to support the Government’s ambitions and reviews on growth and focuses on helping business navigate the difficult territory after a concept or idea has been initially developed, but before it can enter the market and be fully commercialised. The strategy builds on the approaches the TSB have developed to accelerate the pace of innovation in business - and takes new directions.

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

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

According to Dr Andrew Tinker, Advisory Board Chairman, Materials KTN Polymer Sector: “The Materials KTN strives to deliver innovation by:

- Enabling interactions to happen that would never normally happen – Materials KTN Polymers Group membership grew by 58% in 2011.
- Saving the organisations that they work with time by providing them with information, contacts and insight – in 2011, the Materials KTN Polymer Sector team published comprehensive reports on a variety of different topics and were involved in 45 events.”

Dr Matthew Thornton, Polymer Sector Leader for the Materials KTN, confirmed that “these interactions not only have a direct financial value they help to ensure that the UK polymer industry remains at the forefront of an increasingly competitive global industry.”

Throughout 2011 the Polymer Sector team of the Materials KTN provided many benefits for the UK polymer industry including:

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

The BPF also prides itself on having an academic organisations support system that is part of the BSN and offers key benefits. Universities such as London Metropolitan, Wolverhampton and The Polymer IRC are a selection of the 10 academic organisations that can assist with employee development. This can be explored through testing polymer applications at one of the in house testing facilities that are available or with one of the many training courses available. Throughout 2011 the Business Support Network’s members continued to take an active interest in its seminars and forums across the country.

Willis Commercial Network, Barclays, EnergyQuote and Greystone all presented at various seminars around the country, some even took the opportunity to exhibit at trade fairs under the BPF’s British Group pavilions.

**BUSINESS SUPPORT NETWORK MEMBERS**

- **Barclays Corporate**
  - Banking services

- **Listgrove Ltd**
  - International HR and Recruitment specialists

- **EnergyQuote JHA**
  - Energy consultants

- **London Metropolitan**
  - Polymer Centre Polymer Education, Research & Training

- **Money Corp**
  - Foreign exchange

- **Greystone**
  - Financial services

- **Loughborough University**
  - Polymer research and training

- **Impact Solutions**
  - Polymer testing and training

- **Nanoforce Technology**
  - Advanced Materials, R&D, Testing and Modelling

- **The Institute of Materials, Minerals and Mining**
  - Materials Information Service

- **PICME**
  - Skills training

- **Polymer IRC**
  - Polymer research, Training & Consultancy services

- **PerA**
  - Business Innovation

- **Willis Commercial Network**
  - Insurance services
The highly innovative Cycloc - a stylish wall mounted bicycle storage system - designed by Andrew Lang Product Design Ltd was confirmed as the winner of the prestigious Horners Award for Plastics Design and Innovation 2011. The presentation was made on 6th October 2011 at the Horners Annual Banquet held at the Mansion House. The ‘stunningly simple and attractive’ wall mounted bicycle storage system enables a wide variety of bicycle styles to be stored, suspended from either the frame or the seat posts.

The Cycloc was on display at the Interplas Exhibition at the Birmingham NEC from Tuesday 27th - 29th September on the BPF Stand which was in the centre of the British Centre of Excellence where it was officially announced as the winner of the Awards.

Panelists were agreed that the Cycloc’s unique design features resonated strongly with their winning criteria and were astounded by the commercial success the product has accrued to date - one of the key prerequisites of entries to the Horners’ Award.

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

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

The judges awarded the runner-up prize to the Baliza Marina Pedestal designed by TRIG Creative Ltd. They were presented with BPF’s Highly Commended Certificate at the British Plastics Federation’s Award Dinner on October 12th.

[www.hornersaward.co.uk](http://www.hornersaward.co.uk)
UK EVENTS

BPF ANNUAL DINNER
The BPF’s Annual Dinner is one of the largest, high profile events within the Plastics Industry and it was larger than ever in 2012! The BPF’s Annual Dinner continues to grow in strength and importance and has demonstrated a 30% year on year growth each year for the past three years! In 2011 the dinner attracted a record 450 attendees with more than 40 tables sold.

The dinner which was kindly sponsored by Inenco, BPF Energy and IQMS proved a huge success with full evening entertainment provided by three top class acts, including Evening Mist, Jazz Flavours and the sultry female vocalist Kate Westall. The after dinner speech was given by famed TV presenter and MP Gyles Brandreth who gave one of the funniest speeches ever given at a BPF Annual Dinner.

BPF President Philip Watkins of Gabriel-Chemie gave a very well received and rousing speech and amongst other things made a strong attack on the steep rise in UK energy prices, stating ‘shocking increases in energy prices have to be questioned.’ A comment that led to the largest round of applause of the night! In addition Philip congratulated the BPF Windows Group on its 30th Anniversary, an event that they celebrated in style at the dinner.

At the dinner James Dawson Ltd was announced as the winner of the inaugural BPF Energy Award. The Award was presented to the firm by BPF President Philip Watkins, in recognition of outstanding improvement in energy efficiency.

At the dinner the BPF Gold Medal was given to Frank Jones, Director of the BPF Plastics Pipe Group since 1993. Philip Watkins who gave Frank the award stated that Frank had “helped make it the thriving body that it is today. He has been influential on standards, absolutely key to the success of plastic pipes.”

INTERPLAS
The British Plastics Federation have been working in collaboration with the organisers of the Interplas show for over half a decade and 2011 was no exception. The show, which is now under the management of Rapidnews (publishers of BPR&J and EPPM) and attracted larger numbers than in recent years with 7,500 attendees and over 260 exhibiting companies.

The BPF’s stand was located in the middle of the British Centre of Excellence which was the focal point of the show. From the stand the BPF distributed thousands of Buyers Guides promoting its Members, products and services as well as holding the ceremony for the Horners Award for Plastics Design and Innovation 2011 which was awarded to the ‘stunningly simple and attractive’ wall mounted bicycle storage system which was given to Company Director, Andrew Lang of Andrew Lang Products Design Ltd.

In addition the BPF organised two highly successful seminar sessions on behalf of its Group Members these were ‘Design Innovation in Rotational Moulding’ and ‘Design Innovation: Adding Value through Colours & Additives’.

PLASTICS DESIGN AND MOULDING
The BPF once again took a stand at the annual PDM trade show which took place in May at London Excel. The BPF stand was used to promote its Members’ services with several hundred buyers guides being distributed to the attendees at the show.

In addition the BPF organised two highly successful seminar sessions on behalf of its Group Members these were ‘Design Innovation in Rotational Moulding’ and ‘Design Innovation: Adding Value through Colours & Additives’.

THE PLASTICS INDUSTRY AWARDS
The BPF have been a long time supporter of the Plastics Industry Awards which took place on 14th October 2011 at the London Hilton, Park Lane. The evening was compared by TV presenter and comedian Dara Ó Briain.

The personal contribution of the year award was won by Colin Williamson, former chairman of the British Plastics Federation’s Recycling Council and founder of Smile Plastics. Judges said Colin had been “banging the drum for plastics recycling long before it became trendy,” and should be thanked for his part in improving the image of plastics recycling.

A number of BPF Members took home the coveted prizes including Wavin (Best Business Initiative), Distrupol (Supplier Partnership: Polymer Distributor with DMM), Engel UK (Supplier Partnership: Prime Machinery with Ambic Equipment) and Birkby’s Plastics (Supplier Partnership: Ancillary Machinery with TH Plastics).
In 2011 the British Plastics Federation put together 14 cost-effective (or free) seminars on a wide variety of issues it considered (following consultation with its members) to be of importance to the industry.

17th February 2011
Trends in Packaging
This BPF Seminar drew on the expertise of leaders in plastics packaging and relevant sectors, who through a range of excellent presentations and discussions explored the future for plastics packaging under the themes of Business Economics of Plastics Packaging, Design in Packaging, Product Development and Materials Development.

11th May 2011 & 7 December 2011
Energy Management for Plastics Processors
These two workshops, led by Europe’s leading Energy Consultant Dr Robin Kent, focused on giving companies the tools to reduce their energy bills and offered an opportunity to hear Robin’s views on energy and energy management in the plastics industry.

18th May 2011
Design Innovation in Rotational Moulding @ PDM 2011
For the 3rd year in succession the BPF Rotational Moulding Group was invited by the organisers of PDM to put together a seminar which gave an opportunity for manufacturers, designers and suppliers to hear from leading industry experts on issues concerning rotational moulding.

19th May 2011
Design Innovation: Adding Value through Colours & Additives @ PDM 2011
The BPF organised two sessions at PDM aimed at designers and focused on the important role colour and additives play in producing innovative products. The event was organised by the BPF’s Masterbatch and Technical Compounds Group.

7th June 2011
A SIMPL Workshop on Health & Safety
As part of the BPF’s SIMPL initiative (Safety In the Manufacturing of Plastics) this interactive seminar and workshop provided delegates with comprehensive practical advice on developing risk assessments and communicating the health & safety message throughout the workplace.

8th June 2011
Bio-Based & Degradable Plastics
This seminar provided delegates with a series of presentations and case-studies from leading experts with a true understanding of the current market situation and potential for growth whilst providing an appreciation of their true impact and potential use.

6th October 2011
Budget Assumptions for Plastics Firms 2012
This seminar was created to assist plastics companies in developing their future budgets. Providing guidance on assumptions and potential key factors including trends in raw material supply and availability, insurance premiums and credit insurance, currency fluctuations and energy costs.

18th October 2011
Plastics Recycling
The seminar provided a close examination of the key issues impacting the recycling landscape with the exploration of the latest trends and innovations in recycling. The BPF recruited leading representatives with strong expertise in recycling and related fields.

20th October 2011
Opportunities in India for UK Companies
This event, which took place 3 months before the BPF led a trade mission to India and provided delegates with the opportunity to learn about the Indian Plastics Industry, the legal aspects of doing business in the market, taxation and getting paid in India.

2nd November 2011
An Introduction to Conductive Polymers
This BPF Seminar brought together a number of experts, both from academia and from industry, to explore conductive polymers, the market size, their uses and applications, and processing techniques.

10th Nov 2011
PVC: New Challenges – New Opportunities
The programme provided delegates with a unique insight into the latest progressive sustainability programmes that position PVC at the forefront of industrial materials in terms of the role it plays in helping to achieve society’s environmental objectives.

23rd November 2011
Tendering For Success: Writing Winning Bids
This well received workshop was aimed at companies and individuals who wanted to participate in official tenders in both the private and public sectors. The workshop was well suited to those who had experience in bid writing as well as "beginners"
**MEMBERS**

**BPF Membership list as of 31st December 2011**

**Additives Suppliers**
- Addmaster (UK) Ltd
- Americhem Europe
- Aquapurge Ltd
- Astropol Ltd
- Baerlocher UK Ltd
- BASF
- Bayer Plc
- Chemson Ltd
- Chemtura Manufacturing UK Ltd
- Colloids Ltd
- ColorMatrix Europe Ltd
- Croda Europe Ltd
- Eastman Company UK Ltd
- eChem Ltd
- Exxon Mobil Chemical Ltd
- Gabriel Chemie UK Ltd
- Hubron (International) Ltd
- IKA (UK) Ltd
- IMCD UK Ltd
- Kronos Ltd
- MINELCO Specialities Ltd
- Mitsui & Co Europe plc
- Omya UK Ltd
- Rakem Ltd
- Reagens UK Ltd
- Rohm and Haas Europe
- Visible 24/7 Ltd
- Wells Plastics Ltd
- West & Senior Ltd

**Bio-based & Degradable Plastics**
- A&O Filmpac Ltd
- BASF plc
- Colloids Ltd
- EPI (Europe) Ltd
- Novamont S.P.A
- Omya UK Ltd
- Symphony Environmental
- Wells Plastics Ltd

**Business Support Network**
- Barclays Bank Plc
- Energyquote
- Expense Reduction Analysts
- Greystone Financial Services Ltd
- Impact Solutions Ltd
- IOM3
- Listgrove Ltd
- London Metropolitan University
- Loughborough University
- Moneycorp Ltd
- Nanoforce Technology Ltd
- PERA Innovation Ltd
- PICME Ltd
- Polymer IRC/University of Leeds
- Polymer Training & Innovation Centre
- Travers Smith
- Willis Commercial Network

**Cellular PVC-U**
- Deceuninck Ltd
- Epwin Group Plc
- Kestrel BCE Ltd
- Latiumn Building Products
- LB Plastics Ltd

**Composites**
- Forbes Technologies Ltd
- Hygrade Industrial Plastics Ltd
- Llewellyn Ryland Ltd
- Motherwell Bridge Ltd
- Plasicon UK
- Solent Composite Systems Ltd

**Equipment Group**
- Aqua Cooling Solutions Ltd
- Autodesk Ltd
- Buhler Sortex Ltd
- Boston Matthews
- Cinpres Gas Injection Ltd
- CCS Technology Ltd
- C R Clarke & Co (UK) Ltd
- Engel UK Ltd
- Farrel Ltd
- Filton Ltd
- Formech International Ltd
- Gough & Co (Engineering) Ltd
- Hi Tech Automation Ltd
- IDT Systems Ltd
- Intouch Monitoring Ltd
- Instron
- IQMS
- Krauss Maffei (UK) Ltd
- Lloyd Instruments Ltd
- Meech Static Eliminators Ltd
- MSA Engineering Systems Ltd
- NDC Infrared Engineering Ltd
- Pipe Coil Technology Ltd
- R&D Factory Ltd
- Rondol Technology
- Solarsoft (Mattec Ltd)
- Summit Systems Ltd
- TransXL International Ltd
- Triton Technology Ltd
- Xtrutech Ltd

**Expanded Polystyrene (EPS)**
- Chemtura
- Domestic & General Insulation Limited
- Energystore
- Hirsch Maschinenbau GmbH
- Ineos Styrenics
- Insta Group
- Moulded Foams
- Polimeri Europa UK Limited
- SCA Foam Products
- Simplipac Limited
- Springvale
- Springvale Insulation Limited
- Springvale NI, Aerobord Ltd / kingspan
- Styrochem Finland Oy, UK Regional Office
- Sundolitt Limited
- Sunpor
- Vita Cellular Foam (UK) Limited Trading as Kay-Metzeler EPS
- Warmfill Limited

**Flexible Foam**
- Carpenter Ltd
- Recticel UK Ltd
- Vita Cellular Foams UK Ltd

**Flexible Foam Converters**
- Breasley Pillows Ltd
- Comfortex Ltd
- Dee Bee Foams
- Duflex Ltd
- Foams 4 Sports Ltd
- GNG Foam Converters (Lancs)Ltd
- Livedale Foam & Sundries
- Platt & Hill Ltd
- T KT Cosyfoam Ltd

**Industrial Plastics Welding and Fabrication (IPWAF) Members**
- Abbey Distribution Ltd
- Advanced Plastic Technology Ltd
- Barkston Ltd
- Plastipack Ltd
- TWI Ltd
- Welwyn Tool Group Ltd

**Masterbatch and Technical Compounds**
- Addmaster (UK) Ltd
- Americhem Europe
- A. Schulman Inc. Ltd
- Broadway Colours Ltd
- Colloids Ltd
- Colormatrix Europe Ltd
- Colourtone Masterbatch Ltd
- Gabriel-Chemie UK Ltd
- Hubron (International) Ltd
- Performance Masterbatches Ltd
Prisma Colour Ltd
Silvergate Plastics Ltd
Wells Plastics Ltd

**Moulding**
AAC Plastics Group Ltd
Aeroplas (UK) Ltd
Agentdraw Ltd
A K Industries Ltd
Algram Group Ltd
Avalon Plastics Ltd
Bemis Ltd
Big Bear Plastic Products Ltd
Birkbys Plastics Ltd
BNL (UK) Ltd
Bolton Plastic Components Ltd
Broanmain Limited
Calsonic Kansei (UK)
Carclo Technical Plastics Ltd
Champion Mouldings Ltd
Cinram Operations UK Ltd
CJ Tools and Mouldings
Contico Europe Ltd
Daniels Healthcare Ltd
Data Plastics Ltd
Denroy Plastics Ltd
Desch Plantpak Ltd
Dubois Ltd
Eaton Automotive
Fiskars UK Ltd
F L Plastics Ltd
Flambeau Europlast Ltd
Forteq (UK) Ltd
Frontier Plastics Ltd
Hallam Plastics Ltd
Harold Fisher Plastics
HM Prison Service
Homelux Nenplas Ltd
Hozelock Ltd
Husqvarna UK Ltd
Intier Automotive Interiors Ltd
John McGavigan
Johnstone Safety Products Ltd
Labone Castleside
Lettergold Plastics Ltd
L H Plastics Ltd
LINPAC Group
McKechnie Plastic Components
McLaren Plastics Ltd
Measom Freer Ltd
Mecaplast
Melba Plastics Ltd
Molliertech UK Ltd
Moss Plastic Parts Ltd
Northern Ireland Plastics Limited
Northpoint Limited
Numatic International Ltd
Oxford Plastics Systems Ltd
Peek Plastics Ltd
Peerless Plastics & Coatings
Piolax Manufacturing
Plastic Omnium Automotive Ltd
Powell Plastics Ltd
Rge Engineering Co
Ricoh (UK) Products Ltd
RPC Containers
R-Tek Ltd
Sherwood Plastic Products Ltd
Siljet Plastics Ltd
SMR Automotive Mirrors UK Ltd.
Spectra Masterbatch Ltd
SPM Plastics Ltd (t/a UPG)
SPS (EU) Ltd
Sterilin Ltd
Stewart Plastics Ltd
Strata Products Ltd
Taylor Engineering and Plastics Ltd
Technical Mouldings Ltd
Tex
Thumbs Up (Bury) Ltd
TS (UK) Ltd
W H Smith & Sons (Tools) Ltd
Warden Plastics Limited
Weltonhurst Ltd
West Pharmaceutical Services
Zotefoams Ltd

**Packaging**
Alpha UK
Artenius PET Packaging
Automated Packaging Systems
Bericap (UK)
Blowplast
Canyon Europe
Constar International (UK)
Cope Allman Jaycare
Esterform Packaging
F-L Plastics
Global Closure Systems
Graham Packaging Plastics
JF McKenna
Jubb UK
LINPAC
Logoplate UK
Measom Freer
Mipack
M & H Plastics
Nampak Plastics Europe
Philips Avant
Plastek UK
Plastic Bottle Supplies
Promens Packaging
Robinson Plastic Packaging
RPC Group
Solo Cup Europe
Spectra Packaging Solutions Ltd
Superfos

**Pipes**
AEI Compounds
Aliaxis UK
Asset International Ltd
Durapipe UK
Geberit Sales Ltd
George Fischer Sales Ltd
Hepworth Building Products
Hunter Plastics
Hydro International
John Guest Ltd
Marley Plumbing & Drainage
McAlpine and Co Ltd
PipeLife UK
Polypipe plc
Rehau Ltd
Sustainable Drainage Systems Ltd
Uponor Housing Solutions Ltd
Wavin

**Plastics and Rubber Equipment**
Aqua Cooling Solutions Ltd
Autodesk Ltd
Buhler Sortex Ltd
Boston Matthews
Cinpres Gas Injection Ltd
CCS Technology Ltd
C R Clarke & Co (UK) Ltd
Engel UK Ltd
Farrel Ltd
Filton Ltd
Formech International Ltd
Gough & Co (Engineering) Ltd
Hi Tech Automation Ltd
IDT Systems Ltd
Intouch Monitoring Ltd
Instron
IQMS
Krauss Maffeii (UK) Ltd
Lloyd Instruments Ltd
Meech Static Eliminators Ltd
MSA Engineering Systems Ltd
NDC Infrared Engineering Ltd
Pipe Coil Technology Ltd
R & D Factory Ltd
Rondol Technology
Solarsoft (Mattec Ltd)
Summit Systems Ltd
TransXL International Ltd
Triton Technology Ltd
Xtrutech Ltd
MEMBERS

Polymer Distributors & Compounders
4Plas Ltd
ALBIS UK Ltd
Alphagary Ltd
Azelis UK Ltd
Biesterfeld Petroplas Ltd
Distrupol Ltd
Elasto UK Ltd
Hardie Polymers
Hellyar Plastics
Nexeo Solutions
Perrite
Plastribution Ltd
Resinex UK Ltd
Resin Trade Ltd
Sumika Polymer Compounds (UK) Ltd
Teknor Apex UK Ltd
Ultrapolymers Ltd

Polymer Producers
Alphagary Ltd
Arkema
Axion Recycling Ltd
Basell Polyolefins UK Ltd
Bayer Plc
Berwin Group
DuPont (UK) Limited
Eastman Company UK Ltd
INEOS ChlorVinyls UK
JSW International Ltd
Lanxess Ltd
Luxus Ltd
Plastic Technology Services Ltd
Sabic UK Ltd
Solvay Polymers Ltd
Vinnolit Ltd

Rotational Moulding
Amberol Ltd
Balmoral Group Ltd
Container Components Europe Ltd
Corilla Plastics
Crompton Mouldings
Fitso Industries
ICO Polymers Ltd
Impact Solutions
JFC Manufacturing (Europe) Ltd
JSC Rotational
Kingspan EC
Kirkdale 2000
Leafield
Mailbox Mouldings International Ltd
Micropol Limited
Queens University Belfast
Rotational Mouldings Ltd
Rototek
Total Petrochemical
Ultrapolymers

Recycling Group
2K Manufacturing Ltd
Avanti Environmental Group Ltd
AWS/Eco Plastics Limited
Axion Recycling
Baylis Recycling
BPI Recycled Products
C K Plastic Recycling Ltd
Centriforce Products Ltd
Chase Plastics
CL Rye Trading Ltd
Closed Loop Recycling
Cromwell Polythene Ltd
Dekura Polypro
DS Smith Recycling (Severnside Recycling)
Ecodek Vannplastic
eReco EMEA Corporation Limited
Greenstar WES
Jayplas (J & A Young -Leicester- Ltd)
JFC Plastics Ltd
Luxus
Norpols Recycling Limited
Oxford Plastics Systems Ltd
PET Processors (UK) LLC
Philip Tyler Polymers Ltd
Plastics Sorting Ltd
PPR WIPAG Ltd
RECOUP
Regain Polymer Ltd
Roydon Polytene Ltd
Simba International (UK)
Sims Group UK Ltd
Summit Systems
TDG Recycled Plastics
Veka Recycling Ltd
Vinyl Recycling Ltd
Viridor Polymer Recycling Ltd
Wellman Recycling
Yorkshire Plastic Recycling

Sheet & Coated Fabrics
Altro Limited
Fenner Plc
Ferla (P L Ltd
Polyflor Ltd
Tarkett-Marley Floors Limited
Wardle Stores

Specialist Processors
Peerless Plastics & Coatings
Plasweld Ltd
Silkjet Plastics Ltd
Zotefoams Plc

Vinyls
Aliaxis UK
Altro Ltd
Arkema Group
Baerlocher UK
Berwin Group
Chemson Ltd
Chemtura Manufacturing UK Ltd
Exxon Mobil Chemical Ltd
Ineos ChlorVinyls UK
Polyflor Ltd
Polypipe plc
Renolit Cramlington Ltd
Rohm & Haas Europe
Solvay Polymers Ltd
Tarkett Ltd
UKRFA
Vinnolit Ltd
Wavin Ltd

Windows
Bowater Building Products Ltd
Bowater Windows Limited
Chemson Ltd
DecoPlastics Ltd
Duraflex (Masco UK)
Epwin Group Plc
Eurocell
Follit Ltd
Halo
LB Plastics Ltd
Lister Trade Frames Ltd
Mitsui & Co UK plc
Network Veka Plc
Profile 22 Systems
Profine UK Ltd
Rehau Ltd
Renolit Cramlington Ltd
Rohm and Haas Europe
Schlegel UK
Siegenia-Aubi Ltd
Snowdonia (Windows & Doors) Ltd
Spectus Window Systems
Swish Window & Door Systems
Rohm and Haas Europe
Schlegel UK
Siegenia-Aubi Ltd
Snowdonia (Windows & Doors) Ltd
Spectus Window Systems
Swish Window & Door Systems
WHS Halo
### The Council of the British Plastics Federation as of 31st December 2011

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- Philip Watkins
  - Gabriel-Chemie UK

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  - Arkema
- Mike Boswell
  - Plastribution
- John Ellis
  - Bayer Material Science

**Additives Suppliers & Specialist Compounders**
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  - Gabriel-Chemie UK
- Andy Jones
  - Baerlocher UK
- Philip Watkins
  - Gabriel-Chemie UK

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  - Spectus Windows
- Chris Bowman
  - Recticel
- David Clark
  - Tarkett
- Brian Cosgrove
  - Solvay Polymers
- Calum Forsyth
  - Wavin UK
- David Hall
  - Polypipe Ltd
- Iain Leicester
  - Carpenter
- Bruce Margetts
  - RPC Containers
- Philip Maddox
  - Leafield Environmental
- Stephen Mancey
  - Logoplate
- Danilo Oliynik
  - Linpac Allibert

### Staff of the British Plastics Federation as of 31st December 2011

**Hon Treasurer**
- Brian V Mann
  - McKechnie Plastic Components

**EX OFFICIO MEMBERS**
- Peter R C Davis
  - Director-General BPF
- Philip K Law
  - Public & Industrial Affairs Director

**Federation Secretary**
- Alan V Davey
  - Finance & Admin Director BPF

**Council Secretary**
- Foizia Ghadiali
  - PA to Director General

### AFFILIATED ASSOCIATIONS

- **Gauge and Toolmakers Association (GTMA)**
- **Northern Ireland Polymers Association (NIPA)**
- **Packaging and Films Association (PAFA)**
- **Plastics Consultancy Network (PCN)**
- **PlasticsEurope**
- **Scottish Plastics and Rubber Association (SPRA)**
- **Gauge and Toolmakers Association (GTMA)**
- **PlasticsEurope**
- **Scottish Plastics and Rubber Association (SPRA)**
BPF EVENTS 2012

TRADE SHOWS

18 - 21 April 2012
CHINAPLAS
Shanghai, China

29 May - 01 June 2012
PLASTPOL
Kielce, Poland

8 - 12 May 2012
PLAST
Milan, Italy

29 Nov - 02 Dec 2012
PLASTEURASIA
Istanbul, Turkey

7 Jan - 10 Jan 2013
ARABPLAST
Dubai, UAE

29 Jan - 1Feb 2013
INTERPLASTICA
Moscow, Russia

16 - 23 Oct 2013
K 2013
Dusseldorf, Germany

SEMINARS

25 Apr 2012
TECHNOLOGY FOR PLASTICS PROCESSORS
BPF Offices, London

16 May 2012
REACH
MASTERCLASS
BPF Offices, London

24 May 2012
ENERGY MANAGEMENT
BPF Offices, London

20 Jun 2012
HEALTH & SAFETY
BPF Offices, London

2 OCT 2012
PVC
Museum Of Science & Industry, Manchester

11 Oct 2012
PLASTICS RECYCLING
BPF Offices, London

25 Oct 2012
TRENDS IN PLASTICS PACKAGING
BPF Offices, London

14 Nov 2012
BIODEGRADABLE PLASTICS
BPF Offices, London

5 Dec 2012
PLASTICS IN AUTOMOTIVE APPLICATIONS
BPF Offices, London

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British Plastics Federation