



pre

Plastics Recycling Expo

18 – 19 June 2014, Telford International Centre

Launch event

The only dedicated plastics recycling exhibition and conference in Europe

www.plasticsrecyclingexpo.com

CONFERENCE GUIDE

Sponsored by



Co located with



Supported by



In association with



Media partners



Organised by



Crain Communications Ltd

ABOUT



Plastics Recycling Expo (PRE) is a launch exhibition and conference designed specifically for plastics recycling professionals. It will bring together key players from the plastics and recycling sectors from across Europe in order to learn, network and capitalise on the business opportunities plastic recycling offers.

In association with our partners and the leading trade associations we have developed an extensive conference programme to run alongside the exhibition. It is free to attend for all registered visitors.



Key topics include:

- An industry overview
- Technology and innovation
- Supply chain collaboration
- Challenges within plastics recycling
- Pricing
- Applications of recycled plastics
- Local authority spotlight

See overleaf for the complete speaker line-up and conference programme

OVERVIEW

10.30 Chairman opens seminar programme
Steve Eminton, Editor, Letsrecycle.com

10.40 Special address from
Barry Gardiner MP, Shadow Minister for the
Natural Environment & Fisheries

11.10 The role of recycled plastics in a circular
economy and an update on PIRAP – Plastic
Industry Action Plan

- The huge financial benefits to UK businesses through the efficient use of resources
- The leaps in recycling seen between 2000 and 2010 - have the easy wins all been achieved? Where does plastics recycling fit into the picture?
- An introduction to PIRAP - Plastic Industry recycling Action Plan
- The Circular Economy vision for 2020 - can it be achieved?

Gareth Hollinshead, Key Account Manager,
Plastics, **WRAP**

11.40 A look at the plastics recycling journey
by **Recoup**

- Recoup - an introduction to the challenge of developing plastics recycling in the UK and beyond
- The different stages in plastics recycling: design, collection, sorting and processing, development
- An informed look at Recoup's latest UK Household Plastics Collection Survey

Stuart Foster, Chief Executive, **Recoup**

12.10 How do we make things happen?
Phillip Ward, Chairman, **Resource Futures**

12.40 – 13.40 Lunch break

TECHNOLOGY AND INNOVATION

13.40 Case study: new technology in
recyclable plastics

- Renewable sources for plastic bottles - Plant Bottle - a fully recyclable PET bottle made from plant sources
- Technology and processes
- Ford and the first ever car interior fabric made from PlantBottle packaging

Dr. Klaus P. Stadler, Director, Environment & Water
Resources Europe, **The Coca-Cola Company**

14.10 PIM process - a moulding process
using mixed plastic waste

- An introduction to PIM – Powder Impression Moulding

- The re-cyclability of the process – the capability of using mixed-waste materials as filler composites
- The future of PIM

Lee Clayton, Managing Director,
Environmental Recycling Technologies PLC

14.40 Packaging design and the Recyclclass
tool

- How products are designed without any real knowledge of their recyclability
- Why it is therefore not possible to increase the recycling ratio of products made from recycled plastics.
- Europe - balancing of industrial growth and environmental protection. How plastics recycling can be brought to another level and create green growth
- The Recyclclass tool - an introduction

Mr Paolo Glelean, Sales Director, Aliplast SpA
and Board Member, **Plastics Recyclers Europe**

SUPPLY CHAIN COLLABORATION

15.10 Setting up an efficient supply chain:
how can we get more recycled plastics back
into the industry?

- AkzoNobel's experience of collecting and using recycled plastics
- should be linked back to the recovery of the same material?
- What challenges do we as a product manufacturer face? Is it our problem?
- How can the waste management and the plastics recycling industries help to develop a supply stream of polymers back into manufacturing?
- Comparisons to the mature plastic bottles recycling chain
- A future look - what would the ideal supply chain look like, and how would it work?

David Cornish, Global Sustainability Manager -
Resource Efficiency, **Akzo Nobel**

15.40 Panel: Creating collaboration in
the supply chain to deliver increased
specification and use of recycled plastics

Bringing designers, manufacturers, users, local
authorities and recyclers together

Andrew Speck, Commercial and Environmental
Packaging Manager, **Marks and Spencer**

Other speakers to be announced

Moderator: **Roger Baynham**, Chairman, **BPF
Recycling Group**

16.10 Chairman's summary and
close of day one

10.30 Chairman opens day 2
Steve Eminton, Editor, **Letsrecycle**

CHALLENGES WITHIN PLASTICS RECYCLING

10.40 Myths about plastic packaging and recyclability

- Plastic is less environmentally friendly than glass or metal
- Plastic packaging is not recyclable
- Plastic packaging is not being recycled
- Debunking the myths, spreading the word about the reality of plastics recycling, and moving forward

David Baker, General Manager, **RPC BEBO**

11.10 Pots tubs and trays - moving on from the mature plastic bottle recycling stream

- A look at where plastic bottle recycling started and where it is now - from 0 - 70%
- Recycling pots, tubs and trays - the latest challenges and technological developments
- Closed loop with pots, tubs and trays - getting Muller's products back on the shelves in a specific time frame

Ben Gerry, General Manager, **Boomerang Plastics**

Dan Jordan, Recycling Line General Manager, **Boomerang Plastics**

11.40 Integration required and challenges to overcome for a more resource-friendly society - things that need to be addressed, and some uncomfortable truths!

- As 80% of all waste is designed in - are targets driving the right behaviours in the right places? How can plastic-based materials be considered
 - Across individual organisations
 - Across individual supply chains
 - Within a circular economy
- The importance of getting in at the design level
- How social change has to occur to get the desired results, not policies and metrics
 - Consumer patterns
 - The 'leasing model'
- Can sustainable capitalism exist?

Stuart Highward-higham, Technical Director, **SITA**

12.10 PRNs and PERNs – how can we improve the system to benefit the UK plastics recycling industry and ultimately the economy?

- Why the PRN/PERN system was originally set up; encouraging recycling of materials to minimise the amount sent to landfill.

- The improvements needed to incentivise recycling and keep this valuable resource in the UK, and promote the use of recycled content in packaging
- How the current PRN system offers an unfair advantage to exporters of plastic waste
- Suggestions for change: a revised PRN system that rewards those who proactively choose to use recycled plastic in their products.

Chris Dow, Chief Executive Officer, **Closed Loop**

12.40 – 13.40 Lunch break

PRICING

13.40 Forecasting the price of recycled plastic

- Market trends within the plastics industry
- Price: one of the main drivers for a manufacturer to decide whether to use secondary materials
- Forecasting prices of recycled plastics – how do they compare to virgin material?

Paul Sanderson, Editorial Director, **Resource Efficient Business**

APPLICATIONS OF RECYLED PLASTICS

14.10 Case study: Recycled plastic material application within the automotive industry

- The challenges that the automotive industry is currently facing
- The history of recycled plastic material application by Nissan
- What future opportunities exist for recycled plastic materials
- The challenges facing the plastic recycling industry - what needs to be put in place to further expand opportunities for the plastics industry
- The latest recycled plastic applications on Nissan's battery electric models, current products, and future models.

Mark Ellis, Manager - Materials Design & Test, **Nissan Technical Centre Europe**

14.40 Use of recycled plastic for food contact products

- The food contact regulations that are applicable to plastics and those regulation that are specifically aimed at the use of recycled plastics
- The types of plastics currently being recycled for food use and the types of products being manufactured

- The different types of recycling systems commercially available and how they are being used within the EU and other areas of the world
- The testing regimes that need to be employed to ensure recycled products are compliant with existing food contact regulations

Dr Martin Forrest, Principle Consultant, **Smithers Rapra**

15.10 Speaker from **DEFRA** (tbc)

15.35 **Chairman's summary and close of conference**

Local Authority Day – LARAC Wednesday 18 June Day One

10.30 **Chairman opens seminar programme: The role of LA's in achieving the 2017 targets**

Chairman: **Andrew Bird**, Chair, **LARAC**

10.40 **Understanding plastics – which plastics are recyclable?**

- Lifecycle of different plastics and comparison with other materials
- Why can't we use only one plastic type?
- Recycling of tops, PTT and Black plastic
- The evolution of plastics processing capacity

Jonathan Short, Founder and Deputy Chairman, **EcoPlastics**

11.10 **Plastic recycling - a retailer's perspective**

Andrew Speck, Commercial and Environmental Packaging Manager, **Marks and Spencer**

11.40 **Special address from Barry Gardiner MP, Shadow Minister for the Natural Environment & Fisheries**

12.10 **The role of recycled plastics in a circular economy and an update on PIRAP - Plastic Industry Recycling Action Plan**

- The huge financial benefits to UK businesses through the efficient use of resources
- The leaps in recycling in the decade between 2000-2010 - have the easy wins all been achieved? Where does plastics recycling fit into the picture?
- An introduction to PIRAP - Plastic Industry Recycling Action Plan
- The Circular Economy vision for 2020 - can it be achieved?

Gareth Hollinshead, Key Account Manager, Plastics, **WRAP**

12.40 - 13.40 **Lunch break**

13.40 **Local authority case study: quality and MRF inputs**

Andy Hudson, Head of Environment and Waste, **Milton Keynes Council**

14.10 **Increasing plastic recycling and removing confusion: a collaborative approach to plastic recycling communications**

- Recoup collection survey results
- Slower growth in bottle collection and big increases in pots, tubs and trays (PTT) collections; what is going on, and impacts on collection schemes
- The cost of not recycling - the potential value of those items not recycled, and how much it cost to send them to landfill
- Looking forward - UK and EU strategy and policy that might affect local authority plastic recycling

Stuart Foster, Chief Executive, **Recoup**

14.40 **Recovering recyclable materials from municipal sources with a special focus on plastics**

- Do we need targets and if yes what targets should be adopted ?
- Opportunities/risks with no targets
- Adopting a residual waste reduction only target
- Weight or environmental burden/benefit based targets, how do plastics fare against the rest?
- Market influences and devolved authorities

Stuart Highward-Higham, Technical Director, **Sita**

15.10 **Presenting the case for the much-maligned plastic bag**

- Virgin, recycled and biodegradable options over other alternatives
- Demonstrating the positive contribution they make to the environment
- The advantages they bring when used as part of centralised recycling collection schemes

James Lee, Founder and Chairman, **Cromwell Polythene**

15.40 **Chairman's summary and close of seminar**

Register today



Register **FREE** online at
www.plasticsrecyclingexpo.com

Registration to the exhibition and conference streams is free and gives you access to the biggest names in the plastics recycling market.

If you have any questions about registration or the event please contact **James Lamb**

T: **+44 208 253 9631**

E: jlamb@crain.com

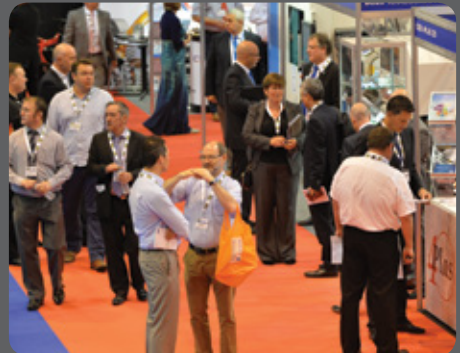
Co-located event

PRE is co-located with Plastics Design and Moulding (PDM), the leading exhibition and conference for the design and moulding aspects of the plastics industry. Register for PRE and you will automatically gain entry to the exhibition and conference within PDM.

See the website for an exhibitor list and conference programme

www.pdmevent.com

pdm
Plastics Design & Moulding



www.plasticsrecyclingexpo.com