

The Future of Bio-based and Degradable Plastics: Markets & Applications

A BPF Seminar

**Wednesday
2nd June 2010**

**BPF Offices
Nr Old Street
London**

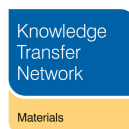
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Bio-based and degradable plastics are attracting increasing interest from the public, media and downstream users and are increasingly being specified for industrial and consumer applications. Due to their wide range of properties and perceived positive environmental impact, they are increasingly being used in packaging, agriculture, medicine, automotive, and many other areas.

Presentations and case-studies from leading experts will provide delegates with a true understanding of the current market situation and potential for growth whilst providing an appreciation of their true impact and potential use. The day will culminate with a consideration of the issues these materials can present when entering the waste stream.

Co-organised By:



CPD Approved:



A British Plastics Federation Seminar

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CHAIR: Philip Law

10.00 **Registration & Refreshments**

10.25 **Chairman's Introduction**

Philip Law
BPF

SESSION 1: Markets

10.30 **Market Overview: Bio-based and Degradable Plastics**

- ♦ An overview of the current market place
- ♦ European trends in product applications
- ♦ Market demand-current and future trends

**Graham
Whitchurch**
Solutions4Plastics

10.55 **Adequacy of Feedstock Supply**

- ♦ The future for the practical production of and use of bio-based and degradable plastics

John Williams
NNFCC

11.15 **Bio-plastics: Assessing their environmental effects, barriers & opportunities**

- ♦ Overview of the Project / Interim findings

Kathy Illingworth
Valpak

11.35 **Assessing the Environmental Impacts of Oxo-degradable Plastics Across their Life Cycle**

- ♦ Project Review
- ♦ Headline findings

**Dr Andrew
McLaughlin/Dr
Jane Clarke**
Loughborough
University

11.55 **Update to Defra's Guidance on Green Claims**

- ♦ Making responsible environmental claims

Bob Ryder
DEFRA

12.10 **PANEL DISCUSSION**

12.30 **NETWORKING LUNCH**

SESSION 2: Applications

13.15 **Sustainable Packaging: Areas for Application**

- ♦ What is sustainable packaging?
- ♦ Communicating with customers—the pitfalls of incorrect disposal

Iain Ferguson
Co-op

13.40 **Developments in polymer-based bio-materials for customised medical implants: Custom IMD**

- ♦ Overview of the Custom IMD project
- ♦ Development of bio-resorbable polymers for use in medical implants.
- ♦ Development of a biomedical polyurethane for spinal nucleus implant applications.

**Dr Steve
Rowlands**
Smithers Rapra

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14.05 **Agrimulch Films: The solution for oxo-biodegradable additives**

Gary Ogden
Wells Plastics

- ♦ The chemistry of oxobiodegradation additives and their use in agricultural mulch films
- ♦ Control of film breakdown
- ♦ Mineralisation of film

14.30 **TEA / COFFEE BREAK**

SESSION 3: Waste Management

14.45 **The Performance of Oxo-biodegradable Plastics in Landfill**

Andy Koutsandreas
EPI Europe

- ♦ How landfills work
- ♦ Results of independent tests
- ♦ Behaviour of oxo-biodegradable plastics in the landfill environment

15.10 **Compostable Bags for Organic Waste Collection: A Case Study**

Henk Vooijs
Novamont

- ♦ Garden Waste Sacks: Opportunities and benefits for local councils
- ♦ Kitchen Caddy Liners: a tool for optimizing the collection of kitchen waste at home and in municipal and commercial collections

15.35 **PANEL DISCUSSION**

16.00 **Round up & Close**

Venue:

British Plastics Federation

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Rivington Street
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REGISTRATION FORM FOR SEMINAR 2nd June 2010 PLEASE FAX OR POST BACK TO THE ABOVE ADDRESS

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No. Delegate spaces that you
wish to reserve

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COMPANY NAME

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Phone

EMAIL

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BPF MEMBERS	—	£175.00 + VAT
AFFILIATE MEMBERS	—	£200.00 + VAT
NON BPF MEMBERS	—	£250.00 + VAT

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Terms and Conditions

All payments must be completed by the commencement of the seminar. A VAT receipt will be issued on receipt of your payment and forwarded as well as joining instructions.

Cancellation: If you are unable to attend after having confirmed your registration, please inform us in writing so that your registration may be transferred to any member of your company.

Refunds: A charge of 20% will be made on written cancellations received before 24th May 2010 — No refund will be given after the this date. The British Plastics Federation is a company limited by guarantee. Registered in England no 282883

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