

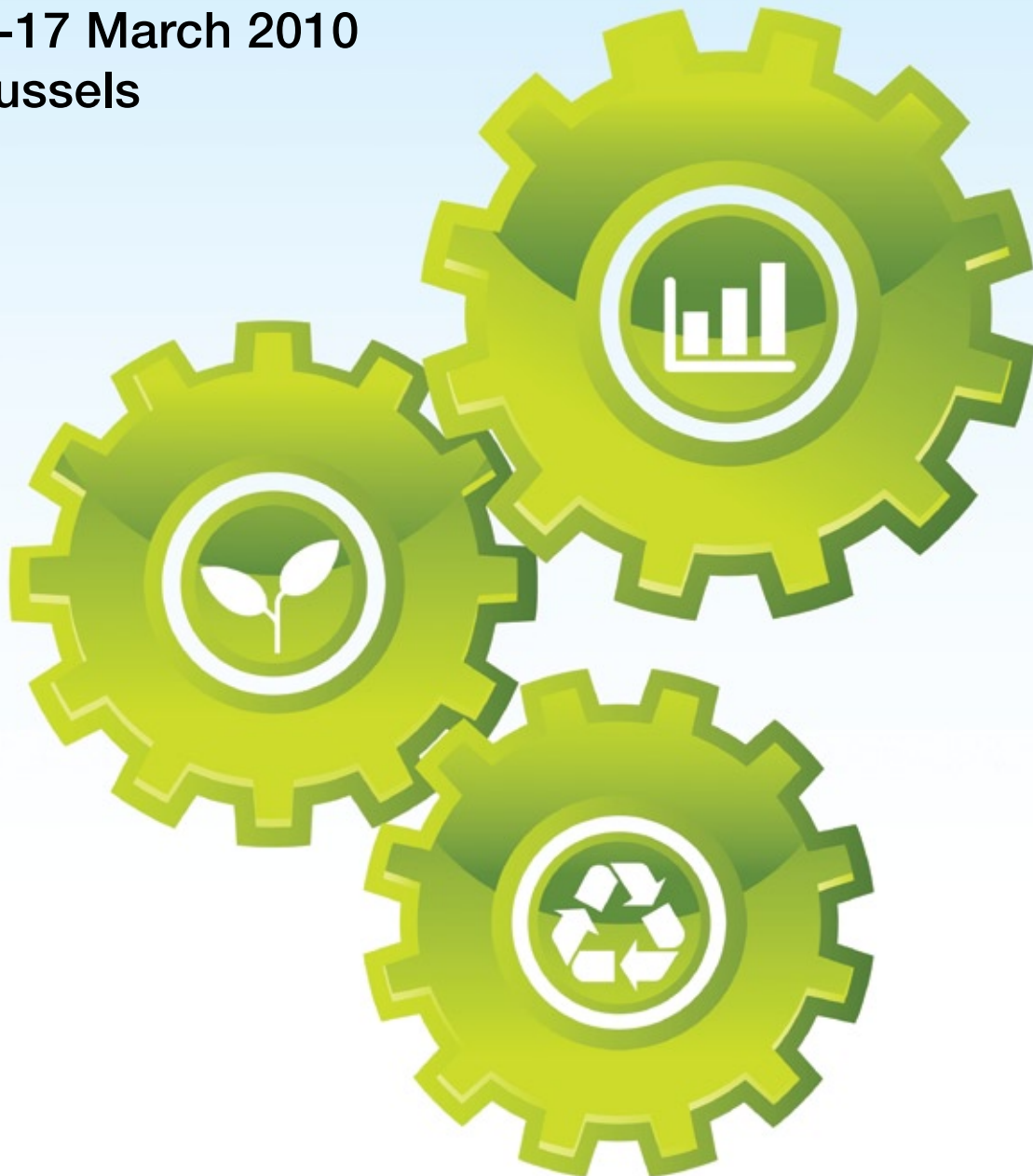
1st International Conference

EnviroPlas 2010

Maximising profitability through environmental compliance in the plastics supply chain

16-17 March 2010

Brussels



Media sponsors:



Organised by:



www.polymerconferences.com

EnviroPlas 2010

1st International Conference

Maximising profitability through environmental compliance in the plastics supply chain

iSmithers and Smithers Rapra are pleased to announce the first international environmental sustainability conference of its kind for the non-packaging plastics industry.

EnviroPlas 2010 has been developed to address the environmental decisions that the non-packaging plastics supply chain can take to increase their environmental integrity, comply with current and pending regulations and crucially, maximise their profits.

With the plastic products sector acknowledging the need to consider the environment throughout a product's life cycle, many companies are now realising the benefits of communicating these efforts to the consumer through product labelling to encourage a purchase and simplify post-use disposal. This new two day conference will feature best practice case studies from key industry actors to illustrate the steps that can be taken at each stage of a product's development - from conception, design and material selection and processing to the ways in which it can be reused post-consumer.

Attend and you will have a unique opportunity to get up to date with current legislation, review recent developments in environmentally appropriate plastics grades, explore energy saving in plastics processing and the latest thinking in end of plastics product life technology. Plus you will get to hear how companies such as Purac, Sabic Innovative Plastics and RENAULT approach the selection of credible material grades, the design of new products, and the development of end of product life strategy such as recycling.

Early Registration Offers

Register before **11 January 2010** to take advantage of the special Early Bird Discount registration fee.

Companies sending one or two delegates

€799 + Belgian VAT @ 21% per delegate before 11 January 2010

€1099 + Belgian VAT @ 21% per delegate after 11 January 2010

Companies sending three or more delegates

€699 + Belgian VAT @ 21% per delegate before 11 January 2010

€999 + Belgian VAT @ 21% per delegate after 11 January 2010

Registration includes a copy of the proceedings, lunches and refreshments during the day. The cost of accommodation is not included in the delegate registration fee.

Conference Venue

The Sheraton Hotel, Place Rogier 3, Brussels 1210, Belgium. Telephone: + 32 2 2243111
reservations.brussels@sheraton.com

Rising high above the Brussels skyline, the Sheraton Brussels Hotel is a four-star hotel in the heart of the city's business district. The hotel is a short stroll from Brussels main shopping area as well as the renowned Grand Place. Situated on the Brussels city centre ring, with Brussels North station a mere five-minute walk away and direct metro access, the hotel is a great choice for business or pleasure in the European capital city.

Accommodation

We are holding a number of rooms at the Sheraton Brussels Hotel at a specially negotiated rate. An accommodation booking form will be sent with your joining instructions on receipt of your completed conference registration form. Alternative accommodation in Brussels can be booked via our agents, Resotel, using the following web address: www.resotel.be/ENVIR. You will find a selection of accommodation for a range of budgets.

For further assistance please contact conferences@ismithers.net.

Sponsorship & Exhibition

A limited number of cost effective sponsorship opportunities are available to maximise your corporate profile at this important event. For further information please contact Alix Reeves, areeves@ismithers.net.

Conference Language

Please note that the conference will be conducted in English.



Conference Agenda

Day One: Tuesday 16 March

08.30 REGISTRATION AND COFFEE

09.25 Welcome and Introduction to EnviroPlas 2010

Session 1: Plastics Materials Sustainability

09.30 Key Note Presentation: Plastics – a sustainable use of carbon resources

Wolfgang Siebourg, Plastics Europe, Belgium

10.00 Learnings from 2009 UK Household Collection

Stuart Foster, Recoup (RECYCLING of Used Plastics Limited), UK

10.30 Vinyl 2010: Experience and perspectives in PVC sustainable development

Dr Arjen Sevenster, Vinyl 2010, Belgium

11.00 COFFEE

Session 2: Environmental Design for Plastic Products

11.30 PE 100-RC – a high performance pipe material for environmentally friendly installation techniques

Dr-Ing Joachim Hessel, HESSEL Ingenieurtechnik GmbH, Germany

12.00 Comparative analysis of the carbon foot print of wood and plastic lumber railway sleepers in Brazil and in Germany

Dr Ana Claudia Nioac de Salles & J Woidasky, Fraunhofer Institut für Chemische Technologie (ICT), Germany & Dr LFL Legey, LP Rosa & EBAV Pachero, Federal University Rio de Janeiro, Brazil

12.30 Appropriate design for recoverability specifications, based on end-of-life treatment path modeling: case study for plastics in cars

Léonard Chemineau, Daniel Froelich & Fabrice Abraham, Arts et Métiers ParisTech & RENAULT Material Engineering Direction, France

13.00 LUNCH

Session 3: Energy Efficiency

14.15 Developments in polymer technology driven by our need for sustainability

John Colbert, Smithers Rapra Technology Limited, UK

14.45 Energy efficiency labeling and criteria development for communicating energy efficiency

DI Rainer Pamminer, Erik Sehnal & Wolfgang Wimmer, Vienna University of Technology, Austria

15.15 COFFEE

Session 4: Plastics Recycling Technology

15.45 Cryogenic technology: A cool alternative

Neil Hansford, Air Products, UK

16.15 Case study of recently developed thermoplastic recycling plants in Europe

Anthony S Georges, AMUT SpA, North America, USA

16.45 HDPE recycling from end of life industrial containers through partnership: A joint venture between Axion Polymers and TDG

Dr Neil Quinn, Axion Polymers, UK

17.15 End of Day One

18.30 EVENING DRINKS RECEPTION

Day Two: Wednesday 17 March

09.00 COFFEE

Session 5: Plastics Technology

9.30 State of the art sorting technology for the plastics recycling process with a special emphasis on recycling of food grade plastics

Peter Mayer, S&S Separation and Sorting Technology GmbH, Germany

Session 6: Materials

10.00 From industrial polymerisation wastes to high valued material

Dr Jesús María García-Martínez, S Areso, J Taranco & EP Collar, Instituto de Ciencia y Tecnología de Polímeros, Spain

10.30 Value-chain based systems approach for PLA

Dr J F van der Pol, PURAC, The Netherlands

11.00 Upcycling PET to PBT resin, a new way of making engineering thermoplastics in a sustainable way

Dr Jos Braat, Yasuhiro Sugawara & Arthur van Dijk, SABIC Innovative Plastics, The Netherlands

11.30 COFFEE

12.00 Increased use of recycled polyolefins in new sustainable biocomposites

Emma Strömberg & Sigbritt Karlsson, KTH School of Chemical Science and Engineering Fibre and Polymer Technology, Sweden

Session 7: Life Cycle Assessment

12.30 Operating medium voltage switch gear mechanism insensitive to environment

Romain Maladen, Patrick Bailly, Dr Daniel Piccoz & Christopher Preve, Areva T&D, France

13.00 LUNCH

14.15 End of Conference

Please note: The conference organisers reserve the right to modify or change the above programme if necessary.

About the Organisers

iSmithers has been organising world class technical conferences for the polymer and related industries for over 30 years. Drawing authorities from industry and academia, conferences offer the ideal forum to hear original, pioneering technical papers and meet and exchange ideas with like-minded peers from across the world. With topics spanning the latest developments in rubber and plastics technology, legislative changes and market trends, iSmithers conferences continue to attract over 1,200 senior technical executives and decision makers per year.

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 3. Full Name..... Job Title Dr/Prof/Mr/Mrs.....
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Registration includes a copy of the proceedings, lunches and refreshments during the day and an evening drinks reception.

- Wallet Service:**
 €750 + Belgian VAT at 21% (*Insertion of one pen or brochure, up to 6 A4 pages, in every delegate conference bag*)
 Tabletop Exhibition:
 From €2000 + Belgian VAT at 21% (*includes one delegate place*)
 Members Discount:
 Rapra Members are entitled to a further discount off the standard registration fee.

If you have a Promotional Code please enter it here

Payment Information

Please indicate in which currency you wish to pay. If no box has been ticked the default currency will be \$US.

- € Euro** **£ Sterling** (This will be applicable at the prevailing rate) **\$ US** (This will be applicable at the prevailing rate)

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Cancellation Terms By completing and returning this form delegates are agreeing to be bound by the cancellation terms and conditions of registration. Substitutions can be made at any time, please inform us in writing prior to the conference. If you wish to cancel your registration please do so in writing. A full refund less 20% administration fee will be applicable 28 days before the conference. Cancellations received after this time will be liable for the full registration fee.

Return to:

Sharon Garrington, Conference Department,
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