



Profiting from Sustainability:

Using LCA to add value and grow your business

Wednesday 25 April 2012

SCI HQ, London, UK



Organised by SCI's BioResources and Science & Enterprise
Groups in collaboration with NNFCC



- 09.00 Registration and refreshments
- 09.30 **Introduction by chair for morning session**
Roland Clift, Centre for Environmental Strategy, University of Surrey
- 09.35 **What is Life Cycle Assessment (LCA), and why is it important?**
Adrian Higson, NNFFC
- 10.00 **Using LCA to direct sustainable design and innovation**
Mike Pitts, CIKTN
- 10.25 **LCA to Go - a free web tool & training programme for bioplastic SMEs**
Jude Sherry, Ecodesign Centre (oral poster presentation)
- 10.40 **Implementing LCA and what it means for your business**
Richard Murphy, Imperial College
- 11.05 Refreshment break
- 11.25 **The costs and benefits of LCA, a manufacturer's perspective**
Lucy Cowton, Innovia Films
- 11.40 **Oral poster presentation 2**
- 12.05 **Understanding the sensitivities and impacts of LCA**
Nigel Mortimer, North Energy
- 12.30 **Oral poster presentation 3**
- 12.45 **Case study 1 - Using LCA to monitor biofuels sustainability**
Ausilio Bauen, E4tech
- 13.10 Lunch
- 14.00 **Introduction by chair for afternoon session**
Adrian Higson, NNFFC
- 14.05 **Case study 2 - Applying LCA methodology in agricultural production systems**
Kevin Moran, YARA
- 14.30 **Case study 3 - Using LCA to prove the business case**
Jason Leadbitter, Ineos ChlorVinyls
- 14.55 **Case study 4 - The CCalc tool**
Harish Jeswani, University of Manchester
- 15.20 **Case study 5 - LCA for materials**
Imperial College
- 15.45 Panel Q&A
- 16.15 Discussion
- 16.20 Refreshments and presentation of poster prize
- 17.00 Close

Synopsis

This one day meeting is intended for people who plan to implement a sustainable supply chain and want to learn more about the meaning and value of LCA for their businesses.

The main focus of this event is on LCA implementation for bio-based (and other more sustainable) energy, fuels, chemicals and materials, including:

- methodologies and how they apply to different industries
- importance of choosing appropriate assumptions and baselines for comparison
- understanding the scope and limits of assessment

Attendees

This meeting is aimed at business and commercial managers; R&D managers; managers of multidisciplinary research projects; marketing and business development managers; technical and operations managers; investment decision makers; estates managers and those responsible for regulatory development.

Sponsors



Call for Posters

Poster submissions are invited on the topic of R&D into LCA assumptions and methodology for biorenewables. To make a submission, please send a 250 word abstract entitled "Profiting from Sustainability using LCA - poster abstract", by **25 March 2012** to conferences@soci.org. All submissions will be acknowledged.

Partner Information

SCI is an international, independent charity whose remit is to promote the application of science for the benefit of society.

SCI is the publisher of many well respected journals and industry leader Chemistry & Industry magazine (C&I). SCI can offer a network of contacts spanning education, science and business, an in-depth knowledge of chemical related industries together with a rolling programme of conferences, awards and scholarships to help further knowledge and support those involved in the sector no matter what stage of their careers.

NNFCC www.nnfcc.co.uk is the UK's National Centre for Biorenewable Energy, Fuels and Materials

For more information on the benefits of joining SCI please go to www.soci.org/membership



Profiting from Sustainability using LCA

25 April 2012 @ SCI HQ, London, UK

If you would like to become a member of SCI today, please tick the box below and you can benefit from the SCI discounted member rate on booking this conference

I would like to become a member of SCI..... Member £90 ☐ Student £25 ☐

Please tick appropriate box below

Delegate fees

SCI/NNFCC Member..... £250 ☐

Non-Member..... £300 ☐

Student/Subsidised Member £75 ☐

Book online at www.soci.org/events (multiple delegates can easily be booked)

Membership number:

Surname First Name.....

Title Mr/Mrs/Dr/Prof/Other Position

Organisation

Address

.....

..... Postcode.....

Tel.....

Email

Special requirements: (dietary/access/other)

Signature Date

There are 3 ways to pay:

1. Online and receive a 5% discount at www.soci.org/events

2. Cheques made payable to 'SCI' should be drawn in GB£ and enclosed with form

3. Credit Card. Please debit £..... from my Mastercard/ Visa/ Amex (please circle)

<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------	--------------------------

Card Expiry Date ☐ ☐ / ☐ ☐ Signed.....

Please return completed forms to:

SCI Conference Dept, 14/15 Belgrave Square, London, SW1X 8PS

T: +44 (0) 20 7598 1561; F: +44 (0) 20 7235 7743; E: conferences@soci.org

Cancellations: Received in writing 1 to 3 weeks prior to the meeting will be subject to a 20% administration charge. Refunds cannot be made for cancellations received after this period although substitutions may be made. Should unforeseen circumstances occur, SCI reserves the right to alter the content of the programme and cancel or postpone any of its meetings without notice or, in the case of complete cancellation, liability to enrolled delegates other than return of fees.

Data Protection: The personal information included on this form will be used by SCI and its event partners only and will not be disclosed to any third parties. Please tick if you do not wish to be sent details of any future similar meetings or other services offered by SCI or its event partners. ☐

Register online at: www.soci.org/events