



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, NNFCC
- 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, NNFCC
- 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

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Profiting from Sustainability using LCA

25 April 2012 @ SCI HQ, London, UK

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