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European Regional Development
Fund (ERDF) grant



Welsh
Composites
Consortium



Ariennir gan
Lywodraeth Cynulliad Cymru
Funded by
Welsh Assembly Government



WCC Technology Day

Thursday 5th June 2008
Environment Centre Wales
University of Wales Bangor

Composites and the Environment

Increased ecological awareness has resulted in growing interest from academia, industry and consumers in issues such as recyclability and environmental safety, as well as the use of more sustainable materials and the minimisation of waste. Environmental legislation is also increasing the pressure on manufacturers of materials and end-products to consider the environmental impact of their products at all stages of their life cycle, including recycling and ultimate disposal. These issues have raised interest in the development of sustainable composite materials, their life-cycle assessment and recycling.

The Welsh Composites Consortium (WCC) and the Welsh Institute for Sustainable Environments (WISE) are organising this one day conference to give an overview of the national and global trends for a 'cradle-to-grave' approach in the composites sector. This Technology Day is aimed at composite users, material suppliers, manufacturers, environmentalists, engineers, enthusiasts, researchers, students and technicians from industry, governmental organisations and HE and FE institutions. It highlights the potential for the Welsh SMEs to explore the opportunities and conceive ideas to develop their businesses in this sector.

Programme of presentations and workshop:

- 09:45 Registration and Coffee
- 10:00 Welcome and Overview of WCC activities
- 10:15 Welcome and Overview of WISE activities
- 10:30 Natural composites, Dr. Morwenna Spear, BioComposites Centre, Bangor University
- 11:10 Designing Out Waste and Maximising Recycled Content, Ms Rebecca Huck, Bangor University
- 11:50 Life Cycle Assessment of Composite Materials, Dr. Cris Arnold, SU
- 12:30 Lunch and networking
- 13:15 Recycling of Carbon Fibre Reinforced Composites: An overview of industry challenges. Mr. John Davidson, Milled Carbon Ltd
- 13:55 Use of recycled MDF fibres in wood plastic composites, Dr. Rob Elias, BioComposites Centre, Bangor University
- 14:35 Tea/Coffee break

14:50 Talk & Interactive Workshop on Sustainable Development: Are you making the most of your composites?

"Composites have some obvious potential for contributing to sustainability. Have you considered the less obvious? This workshop will introduce you to an approach which can help you to identify key sustainability characteristics of your work, which you can use to enhance your future research bids, marketing, publicity or daily professional practice. Join us for an interactive introduction to 'Professional Practice for Sustainable Development' (PP4SD), an established training approach to help professionals think around their everyday practice and to locate it more thoroughly in the context of sustainable development. Join a facilitated discussion with your colleagues to think about how the approach can help you broaden and capitalise on the opportunities your work offers. At the end of this session, you will have tools to use and ideas to build on, and you will have access to more self-guided and facilitated PP4SD training to help you develop this introduction into a more considered practical plan for building on your sustainability credentials." Dr. Jane Claricoates, SU

16:20 Event close

To register your interest in attending this FREE event please

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www.welshcomposites.co.uk

WCC Partners & Advisors



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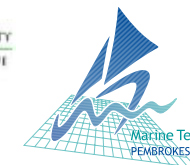
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