

Workshop

End of Life Options for FRP Composites

2nd December 2010, NetComposites Office, Chesterfield, UK

Aim of the Workshop

Fibre reinforced polymers (FRPs) are increasingly being used across many sectors due to their light weight, ease of installation, low maintenance and tailor made properties. The UK FRP industry produces around 160,000 tonnes of waste per annum, with about 70% of this coming from end-of-life and 30% post-production. At present the most common disposal method for UK FRP waste is landfill. Current and impending waste management legislation will put more pressure on the industry to address the options available for dealing with FRP waste. Such waste legislation focuses on dealing with waste through the waste hierarchy and will therefore put more pressure on solving FRP waste management through recycling and reuse.

To assist in the transition from disposal in landfill to recycling, the FRP industry needs to consider designing materials and components for easier deconstruction, reuse and recycling at the end of the product life. Successful composite recycling requires incentives, infrastructure, recycling techniques and market commitment.

This workshop will enable delegates to learn about waste disposal options for FRP waste. Current UK recycling programmes and facilities will be presented along with plans for the future. Any gaps in technology or knowledge will be identified and ways to address these discussed.

Call for papers

Papers are invited on the subject of End of Life Options for FRP material. Themes include:

- Recovery of waste
- Recycling routes
- Incineration
- Waste minimisation
- Re-use options
- Design for deconstruction
- Emerging technologies
- Case studies

Please send a short abstract (250 words max) to: claire.whysall@netcomposites.com outlining the key aspects of your presentation. There will be no requirement to prepare a full paper. Abstracts should be submitted by 8th October 2010.



NetComposites Ltd
4A Broom Business Park
Bridge Way
Chesterfield
S41 9QG, UK

- Tel: +44(0)1246 266244
- Fax: +44(0)1246 266249
- Email: info@netcomposites.com
- www.netcomposites.com