



Update 21
October 2010

Here's the latest newsletter for the **Centre for Remanufacturing & Reuse**, established and run by Oakdene Hollins Ltd to promote remanufacturing and other reuse options.

Read our **Centre News** for the latest progress in the promotion of remanufacturing and other reuse options.

Keep up to date by reading our **Industry News**.

Further information on the items below, many other current reports and news items and back issues of the newsletter can also be found on our **website**.

You can contact the **Centre for Remanufacturing & Reuse** directly by either using the remanufacturing hotline **01296 337165** or e-mailing **info@remanufacturing.org.uk**.

CRR Remanufacturing Seminar & Workshop

BOOK NOW-LIMITED PLACES REMAIN

Thursday, 14th Oct 2010

We have speakers from Philips Healthcare, Rolls-Royce, Ricardo and more, with Professor Walter Stahel of the Product Life Institute in Geneva. Combined with a report of the outcomes of CRR's 2007-10 activities, we look forward to a lively debate on future support and intervention needs in reman and reuse. Themes for the event include:

- Performance business models
- Reuse capabilities
- Emerging Reuse

For more details on the programme, please go to the CRR **website**.

Educating Business Leaders on Remanufacturing

We are delighted to announce the release of our Remanufacturing in Practice CPD module developed last year in conjunction with SONY Computer Entertainment Europe. It takes the form of a case study based on SCEE's real experience of setting up a PS2® remanufacturing operation using a third party agent. Although designed for the MBA market, the module is easily adapted for use in CPD for managers interested in models of sustainable business based on reuse. You can download the case study materials [here](#).

Standards Mapping

As you know, we have been actively involved in developing standards for remanufacturers and reusers of products. More information on our progress is given below. In addition to this work, we have been asked to perform a piece of research for WRAP to identify all the relevant UK and international standards on reuse and remanufacture in the UK. The report is currently in the draft stage but has surprisingly uncovered over 50 different standards relating to remanufacturing, reuse and refurbishment. These span a range of different industries including the automotive, oil and gas and medical equipment sector. Some are formal standards such as ISO or EN standards but others are set-up by trade groups umbrella organisations. If you would like to know more please contact **Ben Walsh**

Recondition/refurbish standard

We are pleased to announce that a new refurbishing standard, BS8887-240 is currently undergoing the final checks by BSI prior to release for public comment. Similar to the BS8887-220, it has been produced to describe the steps necessary to refurbish a product and is designed to be general enough to be used by the refurbisher of any product. Please contact **Ben Walsh** if you would like to be informed when it is released for consultation.

Carbon Footprint

Carbon is becoming increasingly popular within sustainability indicators and companies are now involved in calculating their carbon footprint. Known as Corporate carbon footprint, this is calculated within the guidelines of ISO 14064 and GHG Protocols. These protocols involve quantifying the direct (Scope I), indirect (Scope II) and part of supply chain (Scope III) emissions. The work on bringing full supply chain emissions is in progress. Bringing supply chains emissions to the equation will also help move towards product carbon footprint. Currently, product carbon footprint is carried out within the guidelines of ISO 14040-44 Life Cycle Assessment and PAS 2050 by Carbon Trust. ISO is currently developing product carbon footprint standards (ISO 14067), which will be available in early 2011. CRR has the capability to measure and assess carbon footprint of corporations, products and services. Two of our consultants are expert users of SimaPro, LCA software, and Carbon Trust registered Carbon Footprint Experts. The CRR has conducted comparative carbon footprint of remanufactured and new products such as inkjet and toner cartridges, PV panels, gearboxes, cutting tools, chopping boards, office furniture etc. Please contact **Dr Hüdayi Kara** to discuss this further.

A Change of Guard

David Parker has led the CRR from its inception over three years ago. The work undertaken in that time has increased the profile of this important sector both in government and industry resulting in a real change in the mindset of what is meant by remanufacturing and reuse. As we all know, times have changed and the CRR's funding is now reliant on individual projects and as such we have to be more focused in our work. As part of this reshape, David is moving on and up within our parent organisation, Oakdene Hollins, leaving the helm of the CRR in the capable hands of Dr Ben Walsh, who now takes on the mantle of Centre Manager. David will still have involvement within the CRR, but in a reduced role around the education programme, and he will be attending the workshop event next week. You may know Ben from his work on standards or last year's collaborative project on furniture; he is taking over the CRR at an interesting time where remanufacturing and reuse could solve problems for both buyers and producers of goods looking to reduce costs but deliver the same product. It will be interesting to see if remanufacturing gains further relevance as its profile rises as a cost effective and environmentally friendly option.

USA - Mack Trucks tours mobile training centre

Greensboro-based Mack Trucks is demonstrating the benefits of buying its "REMACK" remanufacturing parts with a mobile training centre that is currently touring the U.S. and Canada. [Read more.](#)

Remanufacturing Global Assembly to take place in China

Chairman of Print-Rite Holdings Ltd will join hands with 55-year industry veteran Art Diamond to jointly chair the charter Global Remanufacturing Industry General Assembly (GRIGA). [Read more.](#)

US Navy launches C-2A aircraft remanufacture study

The US Navy may launch a remanufacturing programme to extend the service lives of 36 Northrop Grumman C-2A Greyhounds by using tooling and components already developed for the E-2D. [Read more.](#)

USA - remanufacturing hit as defense contract work slows

Pittsburgh Business Times reports that the changing missions in Iraq and Afghanistan, coupled with discussions in Washington about creating a budgetary-minded culture in the Department of Defense, are signalling the start of leaner times for many military contractors. [Read more.](#)

UK - Caterpillar set to close remanufacturing plant

More than 100 jobs will be lost after Caterpillar revealed it is closing its operation which is based on the Sanders Lodge industrial estate, Rushden. It has entered talks with staff with a view to moving its entire manufacturing base to three new locations. Work currently based in Rushden would be managed across the company's three European facilities in Shrewsbury, at Chaumont in France and at Radom in Poland. [Read more.](#)

Are antiques greener than new furniture?

And if so, what is the difference between their carbon footprints? Carbon Clear Limited has been commissioned by the antiques trade to compare the carbon efficiency of antique furniture against new. The study focuses on comparing the greenhouse gas emissions associated with manufacture, use and disposal of both antique and new furniture. [Read more.](#)

China - Print-Rite launches next generation environmental friendly bio-toner

In China, at Remax Asia 2010, now the world's largest trade show for remanufacturing industry and aftermarket consumables, ICMI (China) Ltd ("ICL"), a subsidiary of Print-Rite Holdings, announced a next generation of new toner made from bio-organic material ("Bio-Toner") for leading OEMs' office & desktop printers. [Read more.](#)