



# Update 10

## October 2008

*Helping you to stay abreast of current developments in remanufacturing worldwide.*

Here's the latest newsletter for the **Centre for Remanufacturing & Reuse**, established by Oakdene Hollins Ltd with Defra support 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**.

**Get Involved** with remanufacturing by participating in projects currently being carried out at the Centre.

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](tel:01296337165) or e-mailing [info@remanufacturing.org.uk](mailto:info@remanufacturing.org.uk).

## Standards

Our work with the British Standards Institute is bearing fruit. BSI will shortly release BS8887-2, which will contain an official definition of remanufacturing, for comment.

Creating standards for purchasers is key. Once standards are produced we aim to encourage purchasers to specify the standard, increasing the competitive edge for high quality remanufacturers.

Are you in automotive remanufacturing or a purchaser of automotive parts? Are you a local garage or a multinational OEM? [Contact us](#) if you are aware of any nationally or internationally recognised automotive remanufacturing standards.

Also on the hit list, we are beginning to gather support for remanufacturing standards for compressors. [Contact us](#) if you are in compressors.

## Enhanced Capital Allowances

CRR has met with Defra, the Carbon Trust and HMRC to progress the idea that remanufactured products might be eligible under the ECA scheme. [Read more](#) to find out what would need to happen.

## Carbon footprint: putting the boot into cartridges

The UK Cartridge Remanufacturers Association invited Dr Hudai Kara of the CRR to give a talk on carbon footprint and life cycle thinking at their AGM in Warwick on 24 September. [Read more](#).

If you want to have your toner cartridge carbon footprint calculated, then please [contact us](#).

## And printer cartridges hit the news.....

The recent CRR carbon footprinting study and the ensuing debate was covered in the ENDS (Environmental Data Services) Report for September. ENDS also covered the retread tyres study published by the CRR. [Read more](#)

## Uniform reuse project

The website [www.uniformreuse.co.uk](http://www.uniformreuse.co.uk) is in development as we speak. This is the main output from the CRR's corporatewear project and will be officially launched at the Corporate Clothing and Workwear Show at the NEC on 1-2 April 2009. Catch us on stand B12!

On another note, Fiona Kelday – lead consultant for the project - was recently interviewed for Aylesbury local radio station Mix 96 on the corporatewear project and general sustainability issues in clothing.

## Durham reman research project needs your help

Dr Qing Wang is asking for the help of industrialists who might be interested in collaborating with her on a resource efficiency remanufacturing project.

The aim of the project is to improve methods which assist remanufacturing companies in achieving better design, planning and control of remanufacture and repair flow processing lines, as well as increasing adaptability to cope with changing product characteristics.

She is especially interested in remanufacturers in these sectors:

1. Aero engine
2. Refrigeration and electronic
3. Equipment
4. Industrial compressor and air conditioning
5. Automotive

If you can help by being a partner or supplying information, please contact [qing.wang@durham.ac.uk](mailto:qing.wang@durham.ac.uk)

## How hot is remanufacturing?

Stand by for the reman thermometer! We'll shortly be sending you an email inviting you to tell us how "hot" reman is in your sector. It's the first time we've done this and we want to get a feel for your view of the state of reman today compared to a year ago, and where you think it will be in five years. As a starter, we'll assume that last year we were at body temperature (40°C). You've got from zero to 100°C to indicate whether prospects are dead or off the scale. Look forward to your answers.

## Carbon footprint of remanufactured products

At the CRR we have recently developed a methodology to calculate the carbon impact of various remanufactured products and compare it with the new ones. The methodology includes end-of-life options for each part that forms the original product and allows the incorporation of real life scenarios into the calculation (logistics, transport, recovery rates, remanufacture cycle etc). So far toner cartridges and Photovoltaic (PV) panels potential have been completed. We are now working on the starter motors for cars.

If you are a starter motor remanufacturer and would like to be involved in this study then please [contact us](#). Upcoming products are cutting tools, washing machines, vending machines and so on. If you have a product and would like to know its carbon impact, then please [contact us](#).

## Grants for new technology development

Do you have or need answers to these problems: assembly & disassembly processes; control of product degradation; metrology, validation and through-life durability measures; improved recovery and reuse processes; design for end-of-life? Sounds like reman. The Technology Strategy Board's latest call for projects under its Sustainable Materials and Products call may be the leg up you need for funding in collaborative R&D. If you're interested visit [www.innovateuk.org](http://www.innovateuk.org) for more details. If you're interested but need help finding other partners, [contact us](#) or [Charlie Rea](#) at the Resource Efficiency KTN.

## **USA - repowered engines offer huge savings**

In these difficult economic times, few people realize the savings provided by repowering their vehicle with a remanufactured/rebuilt engine. When faced with serious engine repair or replacement, repowering adds years of reliable life to the vehicle's engine and saves the cost of monthly car payments, which average US\$479 per month according to Edmonds.com. Over four years, that saving adds up to US\$22,992. [Read more.](#)

## **UK CEED: report highlights growing economic importance of environmental services**

A new report by the UK Centre for Economic and Environmental Development (CEED) on the importance of the environmental service sector to the UK economy has been published as part of a Government initiative on innovation in the services sector. Further details are available on our [website.](#)

## **Singapore - Caterpillar to open new facility to serve the region**

The new site, expected to fully operational by mid-2010, will become the regional source for remanufactured major components, such as mining-truck engines, transmissions, final drives and torque converters. This will help dealers in Asia meet product support challenges associated with growth in the region tied to mining and large infrastructure projects. [Read more.](#)

## **Greening of the Office**

IKON Office Solutions (Canada) has provided a list of ten very simple things we can do to help reduce our carbon footprint at the office. Further details may be found on our [website.](#)

## **US marine helicopter manufacturing proves successful**

Bell Helicopters, has a contract to remanufacture AH-1W Super Cobra attack and UH-1N utility helicopters to the AH-1Z and UH-1Y standard. Overall, the remanufactured models will share about 80 percent common parts, including a glass cockpit. The US Marine Corps will put the first UH-1Ys in service by early 2009. [Read more.](#)

## **Caterpillar's Progress Rail to provide locomotive, rail-car services in Australia**

Australian engineering, logistics and rolling stock repair services firm Coote Industrial Ltd. recently reached a distribution agreement with Caterpillar Inc. subsidiary Progress Rail Services Corporation for the provision of certain locomotive and rail-car parts and rebuilds, and track maintenance technology in Australia. More details are available on our [website.](#)

## **USA - meeting the demand for refurbished CISCO equipment**

E-Basis Bay has been appointed exclusive distributor for Cisco's certified refurbished networking equipment. The refurbishing process includes systems testing, debugging and repairs, product engineering upgrades, cleaning and reconditioning. Last year, Cisco Capital Remarketing remanufactured more than 410,000 units worldwide preventing some 4,800 tons of equipment ending up as toxic waste. [Read more.](#)

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