

3LOG

# 'S Tire Recycling Technology Uses Microbiology

A Scottish tire recycling company that has developed a technique that can make rubber easily bondable with natural or synthetic rubbers is to receive support from the U.K. - based Recycling Commercialization Centre.

The Centre, managed by Imperial Innovations on behalf of the Waste & Resources Action Programme (WRAP), will provide support services to Recyclatech, a Scottish company set up in 2006 after being spun out of Napier University in Edinburgh. The firm has developed a microbiological rubber devulcanization process that generates a recycle that can be used in high value rubber products.

According to Bill Findlay, Recyclatech CEO, the technique is similar to a bug attacking the rubber and eating away at the sulphur on the surface. "This allows the rubber to be remolded and introduced into normal rubber processes and reused again," he told PRW.com. "It makes it easier to be bonded with other natural or synthetic rubbers."

The firm is currently seeking investment of between £5m and £10m to build a plant but has yet to decide on a location. The Recycling Commercialization Centre, which supports recycling companies and technologies which have commercial potential, will assist Recyclatech by providing resources and support for technical testing.

It will also offer help with business planning, identify sources of funding, develop the company towards investment readiness and identify markets and customers. ♦

Source: Helen Gilbert, PRW.com



# Pennsylvania Funds Recycling Grants

Pennsylvania Governor Edward Rendell has announced that the commonwealth is making \$1 million available for manufacturers to buy equipment that increases use of recycled content in finished products.

The governor also announced \$950,000 to continue the progress being made by the Pennsylvania Recycling Markets Center in expanding and developing markets for recovered materials, and stimulating demand for products with recycled content.

The \$1 million available through the recycling markets infrastructure development grants program will help companies find new ways to use more types of recyclable materials. Grants of up to \$500,000 are available to buy machinery or equipment that will increase consumption of recyclable materials recovered in Pennsylvania.

The grants are made to businesses and nonprofit organizations that will manufacture a product or reuse an existing product using recyclable materials.

Grant applications will be accepted until Nov. 3. Visit [www.depweb.state.pa.us](http://www.depweb.state.pa.us), keyword: Market Development, or contact Charles Scheidler, Bureau of Waste Management, [cscheidler@state.pa.us](mailto:cscheidler@state.pa.us), (717) 787-7382. ♦

# European Tire Recycling Report

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The Tyre Recycling Guide, published by Dublin, Ireland-based Research and Markets (R&M) summarizes current European practices for dealing with post-consumer tires. It covers four levels of tire recycling currently in use, from shred to microscopic particles. Energy recovery is also considered in this R&M report. The primary scope of study is the EU, but reports from the U.S. have also been cited, R&M officials said. Statistics from the EU market illustrate changes in the industry since the inception of the European Tyre Recycling Association 10 years ago. It contains around 400 references with abstracts. To order see [www.researchandmarkets.com](http://www.researchandmarkets.com) ♦

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