ISRI Adopts Position Supporting Rubberized Asphalt

At its 2011 Convention and Expo in Los Angeles (April 6 to April 10, 2011), the Washington, DC-based Institute of Scrap Recycling Industries, Inc., (ISRI), approved a position statement that supports the efforts of federal, state and local governments to use rubberized asphalt in their road construction projects.

Additionally, the position statement encourages rubberized asphalt use as an environmentally friendly way to draw down the nation’s stock of scrap tires currently stored in illegal tire piles across the country. Such tire piles are a contributing factor to the spread of diseases carried by insects. Eliminating this threat to human health and the environment has been a priority of the federal, state and local governments for decades.

“Rubberized asphalt is a proven material that has stood the test of time. It helps ensure scrap tires are recycled in an environmentally responsible manner and can provide enormous benefits for the driving public,” said ISRI President Robin Wiener.

ADOT Embraces Environmental Stewardship Role On Earth Day

As Earth Day celebrations unfolded across the globe last month, the Arizona Department of Transportation (ADOT) has made environmental stewardship a critical part of its mission every day.

Examples of the positive strides ADOT has made in this area include the use of rubberized asphalt; wildlife connectivity work in Northern Arizona and proactive efforts such as the Adopt-a-Highway program.

Rubberized asphalt has been used to resurface highways and city streets in Arizona for more than 20 years. In addition to being more durable than regular asphalt, rubberized asphalt helps eliminate land disposal of scarp tires and rubber.

Approximately 1,500 tires per lane are used for every mile of rubberized asphalt paving overlay applied at a depth.
SSI shredders can shred almost anything.
See for yourself at:
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GreenMan Seeks Buyer For Recycled Rubber Division

GreenMan Technologies, Inc., Lynnfield, MA once a leader in tire and rubber recycling innovation and products, is selling its last remaining recycled rubber subsidiary.

In a March 10 statement, GreenMan announced that its Board of Directors had authorized management to find potential buyers for Green Tech Products, Inc., GreenMan’s molded recycled rubber product subsidiary in Carlisle, Iowa. The move is in keeping with GreenMan’s intent to focus its resources on advancing GreenMan’s dual fuel conversion business.

GreenMan began positioning itself as an alternative energy and renewable fuel company over the last two years with the sale of its scrap tire processing operations in Iowa and Minnesota to Liberty Tire Services of Ohio LLC.

Green Tech Products was formed in 2007, from GreenMan’s acquisition of Welch Products, Inc., a Carlisle, IA-based manufacturer of playground safety tiles and other recycled rubber products. ♦

Source: GreenMan, Tire Business

ISRI, continued from page 1...

To raise the profile and increase the awareness of the benefits rubberized asphalt, ISRI members voted to support federal, state and local legislation that:

- Releases funds currently allocated to rubberized asphalt projects ahead of other conventional asphalt surface paving projects;

- Seeks to expand the use of rubberized asphalt as the preferred material of choice when evaluating alternatives for a conventional asphalt surface project;

- Requires standards and specifications that would allow rubberized asphalt to be used whenever possible and;

- Seeks to reduce carbon emissions and climate change through the use of rubberized asphalt.

Advancing and promoting the use of this technology would ultimately benefit the public by the construction of safer, smoother and quieter roads, the policy noted.

The long-term cost savings states could realize by utilizing this technology can provide fiscal benefits in terms of lower maintenance costs. Additionally, the ability to ensure scrap tires are utilized in this environmentally friendly manner contributes to a reduction in the production of green house gas emissions. ♦
Firefighters Contain Fire At Arizona Rubber Recycling

The Maricopa Fire Department, with assistance from other agencies, was able to contain and cap a tire fire at the Arizona Rubber Recycling Center within hours of the fire breaking out.

Kary Environmental Services, a firm specializing in site remediation, assisted in containing the fire and were able to cover the estimated 10,000 square foot blaze with dirt, according to local reports.

An estimated 30,000 tires that erupted in flames in the early evening hours on April 11 were actually the remnants of a fire in September 2007 that engulfed about 250,000 tires and forced the plant’s closure.

According to news sources, the Arizona Department of Environmental Quality (ADOT) had warned the owner of Arizona Rubber Recycling’s parent company just weeks before last month’s fire of potential legal action if its leftover inventory wasn’t cleared from the site.

On March 22, ADEQ’s solid-waste inspections and compliance unit, notified PermaLife Products LLC of an Arizona law that finds a person who knowingly discards or abandons 500 or more waste tires for commercial purposes guilty of a Class 5 felony. ADEQ also warned PermaLife, a crumb-rubber manufacturer, that the company could also face civil fines of up to $500 per tire if the site was not cleaned up.

USA Recycling Buys Interest In Scrap Tire-Rubber & Used Battery Firm

North Carolina Exporter’s Auto Rubber & Battery Business to be Acquired USA Recycling Industries, Inc., formerly Voyager Petroleum, Inc., Reading, PA announced it has signed a Letter of Intent to acquire a 51 percent interest in the scrap tire-rubber and used auto battery export business of Continental Waste Management, LLC, a North Carolina based waste recycling & export company with a trading network worldwide.
STC Offers Enhanced Certification Program

The Synthetic Turf Council’s (STC) enhanced Certification Program offers buyers, end-users and anyone interested in learning more about synthetic turf a path to finding companies, products and services that come highly recommended.

“Our goal is to ensure certification criteria is rigorous enough to have real value to members and the marketplace,” Rick Doyle, President of the Synthetic Turf Council, said.

STC certified companies voluntarily commit to deliver products or services that meet or exceed customer specifications, and conduct themselves in a responsible businesslike manner. To qualify, each applicant must have a minimum of two years of experience in providing their specific product or service, provide up to twenty customer references which are independently verified and agree to abide by the STC’s Code of Ethics. The association’s Board of Directors recently approved several key program enhancements, such as allowing members to apply in more than one category and detailing new eligibility criteria within six overall categories: Builders, General Contractors & Installers, Independent Professionals & Consultants, Testing Labs, Material Manufacturers & Suppliers, and Specialty Manufacturers & Service Providers. To learn more, visit www.syntheticturfouncil.org.

STC promotes quality assurance through certification.

ADOT, continued from page 1...
of about one inch. Rubberized asphalt has the added benefit of being smoother and quieter, and was most recently applied last year on Interstate 17 north of Loop 101.

In 2002, Arizona launched the Quiet Pavement-Pilot Program, a three-year, $34 million project to cover 115 miles of Phoenix-area highways with rubberized asphalt to create a smoother ride for motorists and quieter neighborhoods for those who live adjacent to the roads.

In all, more than 15 million old tires have found new life as a component in rubberized asphalt in Arizona since 1988. "Quiet Paving" is now under way on Grand Avenue and I-10 in the West Valley area of Phoenix.

As part of its wildlife connectivity work, ADOT and multiple agencies recently partnered to construct wildlife underpasses and elk crosswalks along State Route 260 and desert bighorn sheep overpasses near historic Hoover Dam on U.S. Highway 93.

Since 1988, ADOT’s Adopt a Highway program has helped keep the state’s roads clean. Through its litter abatement program, ADOT collects more than a million pounds (798 tons) of trash and litter along with hundreds of abandoned tires from state roads annually.
Rubber Recycling NEWS
Montgomery's Riverwalk Gets a Facelift
Rubber sidewalk to replace traditional concrete

Montgomery, Alabama Mayor Todd Strange announced a project last month to improve the main level and walkway of the city’s Riverfront with a sidewalk comprised of recycled tire rubber. The city is partnering with the Alabama Department of Environmental Management (ADEM) to replace gravel in the Riverfront area. City officials said the area has never been paved.

ADEM is providing $240,000 in grant funds to support the use of recycled rubber from scrap tires at the Montgomery Riverwalk. The city has chosen Rubbersidewalk Versatile - a recycled rubber surfacing product manufactured by California-based Rubbersidewalks, Inc.

By mid summer the 2x2 tiles made of scrap tire rubber will start going down. The tiles which will be about an inch thick are a slimmer version of the original Rubbersidewalks and provide the same comfort and safety. The tiles are being installed in the Riverwalk’s gravel area to create a durable, safe and attractive walkway.

Approximately 32,000 scrap tires will be reused as part of the project once installation is complete. Each square foot of sidewalk surface will be composed of approximately the same amount of recycled tire rubber that is contained in one whole tire. In addition, the sidewalk surface is both permeable allowing for the infiltration of storm water and sound-absorbing, providing a sound muffling benefit to the Riverwalk area.

"This project is another example of ADEM utilizing its resources to provide environmental benefits and economic benefits for the citizens of Alabama," said ADEM Director Lance LeFleur. "I appreciate the willingness of the City of Montgomery to partner with us on this project and we look forward to working with other municipalities to enhance the reuse of scrap tires in Alabama.”

The Department's efforts are supported through Alabama’s Scrap Tire Fund, which is funded by a $1 per tire fee on the sale new, used, or retreaded tires.

EWS Installs Processing System

Environmental Waste International Inc. (EWS) Toronto, Canada announced that the installation phase of the TR900 System at the Ellsin Environmental Ltd facility in Sault Ste. Marie is substantially complete. The TR900 System consists of a processing tunnel plus several subsystems that need to work in harmony to allow for the successful operation of the tire recycling process.

EWS will now begin in situ testing of each completed subsystem. The company anticipates that this phase of the commissioning process will take between four to six weeks. The next step will be to operate all systems simultaneously and begin processing used tires. The final phase will include the ongoing modification, fine-tuning and programming needed to optimize process efficiency while improving the quality of the System byproducts.

The TR900 System showcases EWS's patented Reverse PolymerizationT Process as it applies to tire recycling. The TR900 is designed to break down 900 used tires per day into carbon black, oil and steel. The power generation system is designed to use the collected tire gases as fuel to power the entire facility.

EWS also designs processors for the medical and food waste industries and for the recovery of usable by-products from other organic sources. EWS continues to explore new applications for its technology.
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Eldan Recycling delivers both turnkey systems as well as single machines. Apart from the standard tire recycling systems, we offer customized solutions for steel wire cleaning (steel fractions with a purity of up to 98-99%), rubber quality upgrading (purity up to 99.99%) and further powder reduction (down to 50 mesh).

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ECORE Closes The Loop With Take Back Program

The new "Redeux" material take back program launched April 1, 2011 lets ECORE customers send back their old or remnant recycled rubber and cork products for recycling to ECORE’s Lancaster, Pennsylvania manufacturing facility.

The Redeux program partners with building professionals committed to deconstruction methods that separate and reclaim ECORE’s rubber flooring, underlayments, and rubber and cork industrial products claim after their useful life. The program aims to help keep building materials out of landfills. Reclaimed flooring products end material’s are made into new flooring, underlayments and industrial products by ECORE.

What makes the Redeux process unique is the fact that ECORE’s products are initially manufactured from recycled materials including crumb rubber from scrap tires. Under ECORE’S new program these products are able to be "re-recycled" again and again,” Arthur B. Dodge III, ECORE’s chairman and CEO said.

Customers must first submit an application to have their material accepted into the Redeux program which asks questions about the amount of material to be returned and confirms that the material is free of foreign contaminates like stones, wood, concrete, drywall, etc. Materials accepted into the Redeux program are shipped to ECORE’s Lancaster facility to be sorted, shredded, cleaned and ground for the next generation of recycled rubber flooring, underlayment and industrial products.

ECORE's proprietary process for recovering, reclaiming and recycling its flooring products assures complete quality control, minimizes potential sources of contamination and provides cost savings by eliminating shipping to a separate rubber recycling company, the company said in announcing the program.

All products manufactured by ECORE are eligible for the Redeux take back program including: ECOsurfaces Commercial Flooring, Everlast sports surfacing with Nike Grind, Everlast Contender, TRU, QT Sound Insulation, PlayGuard Safety Surfacing, Training Ground with Nike ECOsports flooring is just one of the many flooring products customers can send back for recycling under the Redeux program. (Photo courtesy of ECORE)
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Mexican Representative: TECNOBAL, S.A. DE C.V.
Miguel Arana, Phone 52-55-5606-4254, miguelaranac@cablevision.net.mx
Grants, Cleanup Efforts, Rule Changes Keep State Tire Programs Active

2011 Scrap Tire Legislation

A number of bills related to scrap tires are on the dockets of State legislatures this Spring. These include:

California

AB 525 (Gordon, D-San Mateo) requires CalRecycle to restore the Rubberized Asphalt Concrete (RAC) Use Grant program. The bill passed out of the Assembly Natural Resources Committee on a 8-0 bipartisan vote and is headed to hearings in the Assembly Appropriations Committee. SB 211 (Emmerson, R-Riverside)—which would change violating the California Air Resources Board’s “check and inflate” regulation from a criminal penalty to a civil fine—is scheduled to be heard in the Senate Environmental Quality Committee on May 2.

SB 758 (Fuller, R-Bakersfield)—which would reduce the California tire fee from its current $1.75 to $1.15 (with $0.75 going to the California Air Resources Board)—was referred to the Senate Environmental Quality Committee. According to the California Tire Report, the bill’s author requested that SB 758 be a two-year bill. It can be reintroduced in 2012.

Illinois

Proposed Rulemaking (35 IL. Adm. Code Part 848: Used Tire Management Standards). The Illinois Environmental Protection Agency (EPA) is proposing changes to the Illinois Environmental Protection Act. Section 55 of the Act sets forth prohibitions relative to the storage, processing, disposal and transportation of used and waste tires.

Missouri

HB 578 allows the state, any agency or political subdivision of the state, to transfer ownership of used tires, scrap tires or tire shred to a private entity for disposal or recycling.

Texas

HB 2871 would establish a disposal fee for motor vehicle tires. This bill was referred to the Environment Committee on March 17.

SB 615 amends the current law relating to requiring a retail seller of motor vehicle tires to render certain tires unusable by puncturing a hole at least two inches in diameter through the body of the tire and provides a civil penalty. SB 615 was passed out of the Senate Transportation and Homeland Security Committee on April 26, with amendments including and exemption for businesses that use registered, bonded transporters. It was sent to the Texas House for committee assignment on April 29.

Intent of SB 615

Used tire disposal has been a rampant problem for years in Texas, with almost four million scrap tires generated annually. This issue is more acute in the border region than in the rest of the state. For example, Ciudad Juarez, which is directly across the border from El Paso, has the largest tire pile in the border region, with approximately four to five million tires in its landfill.

Tire piles cause increased vector-borne disease (e.g., mosquito-borne disease) and the increased possibility of fire, which in turn pollutes the air. Tire pile cleanup and tire reuse efforts through the Border 2012 initiative—almost half a million dollars invested in eight projects—have removed 2.2 million tires.

Some of these tires were used to generate tire-derived fuel while others were utilized in reuse demonstration projects. Despite significant progress, these tire piles remain. According to the latest assessment every month but 30,000 tires are added in Ciudad Juarez. A major contributor to these tire piles is that tires that do not meet tread requirements in the United States are often sold as “used” tires in Mexico.

As introduced, S.B. 615 will help prevent the majority of these “used” tires from accumulating in various parts of the state as well as from crossing the border by requiring tire retailers to render tires “unusable” when the tires do not meet existing safety standards. The bill makes a few exemptions, including one for businesses that use a registered, bonded tire transporter.

Michigan Targets Scrap Tire Sites

Michigan Department of Environmental Quality (DEQ) officials announced about $300,000 in grants for the complete cleanup of 17 scrap tire sites and 20 community cleanup days.

According to the agency, scrap tires pose several environmental concerns, “including fires and mosquito breeding areas.” Agencies that received the funds have until Aug. 31 to complete the contract requirements. The money is expected to lead to the clean-up of 277,000 passenger tire equivalents.
Kentucky Playground Grants

Grants totaling $400,000 have been awarded for 31 Kentucky playground projects.

The funding comes from Kentucky’s Waste Tire Trust Fund, established by the General Assembly in 1998 to receive a $1 fee for each new tire sold in the state. The fund manages 4 million scrap tires generated in Kentucky each year and helps develop markets for recycled tire products.

Gov. Steve Beshear said in a statement that the playground projects will use crumb rubber from Kentucky waste tires for playground mulch, fitness or walking tracks, landscaping and for its safety benefits and reduction in soil degradation on athletic fields.

The City of Princeton, a first time grant recipient will use a $16,500 award to purchase crumb rubber mulch for the city’s Princeton Playground.

"We had applied for this grant before, but did not receive it. This type of material is in high demand for use on playgrounds and other outdoor areas," said Diane Knox, Finance Director for the city. "The amount of grant monies available each year is dependant upon how many pounds of tires are recycled, and really how many tires are purchased."

Other recipients include the Lyon County Preschool/Head Start program which will receive a $9,100 grant and Crittenden County’s recreation area at Riverside Park which will receive an $8,600 grant.

Communities must provide evidence that the tires used to produce their mulch were made from Kentucky tires.

CalRecycle Awards $8.1 Million in Grants

The California Department of Resources Recycling and Recovery (CalRecycle) has awarded 48 grants worth $8.1 million to California cities and towns to fund rubberized asphalt pavement projects. Overall, the pavement projects awarded in this grant cycle are expected to consume 1.2 million scrap tires.

Rubberized asphalt concrete (RAC) combines ground-up tire rubber with asphalt binder and other aggregates. The RAC grant program awarded money in two categories: $4.9 million for the Targeted Incentive Grant for applicants with little or no experience using recycled tires for major road paving, and $3.2 million for chip-seal grants for new or repeat users for repair and maintenance.

First time grant recipient Solano County plans to use the money for numerous projects in unincorporated areas and will apply chip seal to 20 miles of roads and rubberized asphalt to another 16 miles, county officials said. CalRecycle is assisting 16 first-time users with its Targeted Grant.

Grant money covers the difference in cost between rubberized asphalt concrete pavement and traditional pavement. Although initially more expensive to use, it lasts longer, making it more cost-effective over time, officials said. CalRecycle also provides technical assistance such as education and training on RAC usage and design.

Kansas Tire Recycling Grants

The Kansas Department of Health and Environment’s (KDHE) Bureau of Waste Management has awarded nearly $350,000 in waste tire recycling grants to municipalities and school districts across the state. Most of the grants will go toward partially funding safe surfacing at playgrounds and picnic tables and benches made from waste tires.

This year’s 24 waste tire recycling grants, ranging from $379 to $89,520, are distributed to recipients across the state. This is the fifth round of the grant program following several years of grants to Kansas tire processors to purchase equipment to process the tires into a usable raw material. The grants are funded through a 25-cent tax paid on the purchase of new tires.

In one of the largest allocations for 2011, the city of Salina will use its $89,520.00 grant to purchase a pour-in-place rubber truck surface for a 46,233 sq. ft. track at Salina Stadium.

"Over 140,000 waste tires will be recycled to make the products funded by these grants," explained Bureau of Waste Management Director Bill Bider.

ECORE, continued from page 8...

Grind, Pavesafe, and ECORE Industrial branded products. Materials with ECOguard coating, scrim, products installed with ECORE’s E-Grip III adhesive, and products made with ECORE’s patent-pending istru Technology will also be accepted.

Materials will be taken back and recycled on a case-by-case basis, ECORE’s announcement stated. The full requirements for the Redeux program can be found on ECORE’s website, www.ecoreintl.com.

Visit us on the Web: www.scraptirenews.com
Garb Oil & Power Expands Its Tire Recycling Interests

Garb Oil & Power Corporation, Salt Lake City, Utah has signed a Letter of Intent (LOI) with USA Recycling Industries Inc., to form a joint venture operation in North America to process scrap tires.

The Joint Venture will operate on a 50/50 basis, whereby Pennsylvania based scrap metal recycler, USA Recycling Industries, will provide access to its national contracted commercial customer locations, for the purpose of establishing collection and processing operations for scrap tires.

In addition the recycling company will also make available its warehousing facilities and provide access to international consumers of recycled rubber and steel. Rubber and e-waste recycling specialist, Garb is to provide the joint venture operation with cost price technology for its warehousing facility, as well as expertise in tire recycling.

Garb Oil also announced negotiations to acquire the rubber recycling business of the Italian firm FDG Di Colli S.n.l. According to Garb, the companies entered discussions last month. FDG operates a 24,000 metric ton rubber recycling facility in Sardinia, Italy. FDG’s assets includes existing contracts with recycled rubber product manufacturers, warehouse facilities, production plants and substantial land holdings.

In addition to the technology and management experience Garb would provide to the acquisition, FDG’s facilities would be used to aid Garb in future tire recycling contracts that exist within the European Union, the company’s announcement said.

Road Project Targets Tire Litter

Lauderdale County, Alabama commissioners have entered an agreement with the Alabama Department of Environmental Management (ADEM) to help keep the roadways clear of scrap tires.

Under the agreement, ADEM will provide up to $100,000 to the county to help offset the cost of collecting old tires thrown along county roads and by-ways, Lauderdale Solid Waste Manager Robert Bevis said.

Bevis said the money comes from the $1 surcharge added to all new tires at the time of purchase.

"Anytime we pick up adopt-a-mile garbage or trash from other programs, we usually get a few tires," Bevis said. "And then from time to time we'll get calls about tires that have been dumped out on county roadways." He said the ADEM money will cover the expense of properly disposing of the tires.

Illinois EPA Rids Tires From City Lots

The Illinois Environmental Protection Agency removed tens of thousands of abandoned tires from sites in Chicago and Harvey in late April. The EPA planned the cleanup prior to the onset of warmer weather to mitigate the threat of disease-carrying mosquitoes, officials said.

The Illinois EPA used funds from its Used Tire Cleanup Program to remove and properly dispose of the tires. The Used Tire Program receives its revenues from a $2.50 per tire user fee that consumers pay when purchasing tires at retail.

The Agency is also continuing work with local governments to curtail chronic illegal dumping activities and is stepping up its enforcement against waste tire dumpers and other open dumping violaters. House Bill 2001, which recently passed the Illinois House of Representatives and is now under consideration by the Senate, increases the penalties for this type of violation from a misdemeanor to a felony.
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Provincial Board Chooses Fuel Market For Legacy Tire Pile

Solution Reached to Eliminate Tire Stockpile at Placentia

The Multi-Materials Stewardship Board (MMSB) has reached agreements with two cement manufacturers in Quebec - Holcim (Canada) Inc. and Lafarge Canada Inc. - to eliminate the 1.9 million tires stockpiled at Placentia in Newfoundland and Labrador. The companies will utilize the tires for tire derived fuel.

Provincial officials estimate it will take about two years to rid all the tires from the stockpile. The MMSB has budgeted $4.9 million for the project, MMSB officials reported. The recycling agency will issue a tender for firms to bid on the transportation of the tires and expects to see tires rolling out of the province this summer.

Prior to the new agreements with Holcim and LaFarge, MMSB took steps to halt the growth of the stockpile. In 2010, MMSB entered into an agreement to manage the tires generated annually in the province. Now more than 575,000 tires collected through the Used Tire Recycling Program are sent to Quebec for tire derived fuel annually.

The Used Tire Recycling Program, which was implemented in 2002, is administered by the MMSB on behalf of the Department of Environment and Conservation. The program places a ban on the disposal of used tires in municipal waste disposal sites throughout Newfoundland and Labrador and provides residents with an environmentally safe way to dispose of used passenger and light truck tires.

The program is paid for by a $3 levy charged on the sale of new tires, up to and including a rim size of 24.5 inches. The money is used to fund tire collection and disposition of scrap tires. It is estimated that the MMSB will collect and divert 400,000 used tires in 2011.

Previously, the MMSB had considered shipping the tires to New Brunswick, where they could be recycled into other products. But, the tipping fees for that option were too expensive.

In fact, officials said everybody in the province has always thought that the tires were going to be recycled. Still, others would have preferred to see the tires get used in rubberized asphalt. Despite this, Environment

These tires will be used for fuel at cement kilns.

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Elgi Rubber Acquires Dutch Rubber Recycler

Elgi Rubber International Limited has acquired a 100 percent interest in Rubber Resources B.V. Elgi, headquartered in India, has operations in the USA, Brazil, East Africa and other parts of the Indian Subcontinent, focusing on rubber recycling, especially in tires and retreading. Elgi says the acquisition "means a strong presence in Europe and big step towards being a worldwide supplier of reclaim to the rubber industry".

Rubber Resources, based in Maastricht, the Netherlands, is dedicated to recycling polymers specifically from natural rubber and butyl-based products. The company, which manufactures regular natural rubber reclaim and regular butyl rubber reclaim under the ECORR™ brand, is a primary supplier of reclaimed rubber to leading tire companies and rubber goods manufacturers.

Rubber Resources has more than 50 years’ experience in recycling rubber and services customers in Europe, the United States and Japan. Elgi says the acquisition will allow it to “provide products and solutions that were until now parts of two different domains and this union will bring synergies to customers and suppliers worldwide”.

Elgi envisions Maastricht as the center for its growth in the rubber reclaim business and in developing new processes, products and solutions in rubber recycling. Rubber Resources and the ECORR™ brand will become the trade name for Elgi’s rubber reclaiming businesses.

Scrap rubber is the primary feedstock for ECORR™ reclaim.
Newstead Visitors Center Construction Includes Tires

ATS Euromaster, a UK-based tire and automotive service firm is participating in an eco-build project in Newstead, Nottinghamshire that will feature the largest single tire wall in the world. ATS supplied a truckload of scrap tires which are being used to form the building blocks of a new visitor center and café.

The project is using a construction process pioneered 25 years ago in New Mexico and increasing in popularity in Europe. Known as Earthship, the building technology is based on using tires rammed with earth to form solid walls. Each of the scrap tires is rammed with earth using a sledgehammer and laid in courses to form a highly insulating wall at the rear of the visitor center. The construction process is very simple and can be carried out reasonably quickly by an un-skilled workforce, Penny Altham, managing director of Newstead Enterprise, said.

Altham gave high marks to ATS Euromaster noting that sourcing 1,500 scrap tires with an equal mix of two specific tire sizes in a relatively short time frame, was a real challenge. ATS Euromaster was able to deliver the required volume and mix of tires on time.

Anthony Thistle-Smith of Architects Waugh Thistleton, said the simplicity of the building made it "ideal for a community of projects." Thistleton said his firm was developing and adapting the original Earthship technology more appropriately for the UK climate and to make it look more modern. The BBC has been filming in Newstead since May 2010 and the piece is likely to be broadcast in June. Newstead is one of six villages to receive a grant from the Village SOS project, sponsored by Big Lottery Fund and the BBC.

Scrap Art Featured at Iowa Festival

German artist and sculptor Mirko Siakkou-Flodin (Artist MO) was invited to work with school groups in Cedar Rapids, Iowa to create a kinetic sculpture inspired by the Dung Beetle for the city's Eco Art Festival.

Together with Metro Alternative School students and student artists from Mt.Mercy University, Artist MO used scrap steel, large found objects and tires to design and sculpt the two-meter Dung Beetle.

The artist, who says he is not a teacher, presented a one day workshop at Johnson Elementary School of the Arts and an art lecture at Mt. Mercy University in the weeks before the festival. The scrap art project which was sponsored by a local recycling firm received funding, workplace and equipment support from the Kirkwood Industrial Technology Department. Artist MO unveiled the sculpture at the Eco Festival in conjunction with an Earth Day program last month.

Estimates are that the measure would increase revenues from the tire fee by $6.6 million a year. Under the new law, 28 percent of the money (or the first 70 cents of the fee) from the tire fund will be allocated to the Department of Environmental Quality Revolving Fund for state air pollution monitoring efforts.

The rest of the money will go to recycling efforts in the state, including reimbursements of $54 per ton of processed material to used tire processors, and up to $53 per ton to collectors who deliver tires to a recycling facility. The program also pays up to 10 percent reimbursement to used tire facilities for tire recycling-related equipment purchases.

The state originally established the tire fee in 1989 to pay for programs to clean up illegal tire piles in the state and fund recycling efforts but the Legislature raided the fund for $4.6 million in 1999 and 2000 leaving an ongoing shortfall in the fund.

The new law change the name of the state tire recycling law from the Oklahoma Waste Tire Recycling Act to the Oklahoma Used Tire Recycling Act. It defines the term "used tire" and changes the word "waste" to the word "used" throughout the Act. As established by HB 1939 "used tire" means "any unprocessed whole tire or tire part that can no longer be used for its original intended purpose but can be beneficially reused".

The bill has been sent to Oklahoma Governor Mary Fallin for signing.
...LTR Products, a subsidiary of Pittsburgh-based Liberty Tire Recycling, recently donated Pinnacle Rubber Mulch to replace the wood mulch in the play area of the the Arsenal Family and Children's Center. Pinnacle Rubber Mulch is an innovative and eco-friendly alternative to wood mulch for landscaping and playgrounds that is made from recycled scrap tires. LTR Products donated 4.5 tons of brown rubber playground mulch for the playground project. Additionally, Pittsburgh-based PLS Logistics donated the freight services for the project.

...Lehigh Technologies, Atlanta, GA is now offering nitrile rubber based MicroDyneT and PolyDyneT micronized powders, according to a recent announcement. Nitrile rubber, a form of synthetic rubber resistant to oil, fuel and other chemicals, is used primarily in the automotive, oilfield and aeronautical industries to make items such as hoses, seals and grommets. Nitrile powders are also used to create items such as footwear, adhesives, sealants, sponges, expanded foams and floor mats.

...The Geauga-Trumbull Solid Waste Management District in Ohio has awarded $28,168 to townships and villages in Geauga County to implement localized scrap tire collection programs. The purpose of the scrap tire grant program is to financially assist all the political subdivisions within the district so that they can implement localized scrap tire collections within their community such as one-day collection programs, curbside collection, or illegally dumped roadside clean-ups. Collection dates and program guidelines are available at www.startrecycling.com.

...Paul Fiore has been named director of government affairs for the Washington, DC-based Automotive Aftermarket Industry Association. Fiore was formerly director of government and business relations at the Tire Industry Association.

...A task group of government officials and industry stakeholders is working on achieving the certification of retreaded tires under the U.S. Environmental Protection Agency's SmartWay Transport Partnership program, according to task force members. The Smartway Program, launched in 2004, is a collaborative effort between the EPA and truck fleets to improve fuel economy and reduce greenhouse gas emissions. SmartWay certifies tractors, trailers, tires and aerodynamic equipment as complying with the program’s goals, and truck fleet owners can demonstrate compliance with SmartWay by purchasing these products.

...Recycled tire product manufacturer Rubber Bark, Ballico, CA is promoting a program to encourage tire buyers to buy one 40 lb. bag of rubber mulch with every new set of tires they purchase. The concept of buying a bag of rubber mulch along with new tires allows individuals to drive the market in an eco-conscious direction when making an every day purchase, Rubber Bark's announcement state. The California manufacturer makes its rubber bark mulch in seven colors and says that one bag is enough for a small flowerbed or planter box.

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