

## Newsletter n° 9/2006 - June

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### Featured Companies

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#### **Mil-tek Danmark A/S**

Mil-tek manufactures a unique range of air-powered balers and waste presses. From their manufacturing base in Denmark Mil-tek export their balers worldwide. In the UK there are 8 strategically located depots to provide nationwide service and support.

Mil-tek balers are clean, quiet and easy to operate. The balers are ideal for compacting cardboard, plastic and polystyrene waste. Their unique method of "constant compression" ensures that the waste material is formed into dense bales.

Mil-tek offers a wide choice of balers and waste presses. We can supply high capacity balers for large volumes and compact balers where space is at a premium.



#### **Shred-Tech Corp.**

Shred-Tech is the leader in reduction engineering and manufacturing. Shred-Tech designs and manufactures reduction systems and shredding machinery to cost-effectively solve the world's most difficult waste reduction and recycling problems. The company is recognized globally for its first class product as well as a continual program of engineering innovation and quality.

Shred-Tech's fields of specialization include systems for [tire](#)



shredding, waste processing, product recovery/destruction, computer and electronic hardware recycling, plastics reduction, paper shredding, metals recycling and mobile document destruction systems.

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### **Hellweg Maschinenbau GmbH & Co. KG**

The company Hellweg Maschinenbau has specialized in the development and the production of recycling machines for the plastics-processing industry.



Hellweg granulators come in the form of slow-speed granulators, central granulators and special grinders for crushing blown sections, profiles, plates and film.

The wide product range for the plastics industry includes peripheral equipment such as suction systems and individual types of film cutters. All products are of a high quality

*made in Germany*

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### **Featured Events**

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#### **10th European Lead Battery Conference**



10ELBC brings together key technical, manufacturing, marketing and R&D personnel to discuss and examine the strategic, technical and commercial issues of greatest importance to the industry today.

26-29 September 2006 , Athens, Greece

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## Metalriciclo



Exhibition on: technologies, products, equipment, machines and plants for collection, selection, machining, recycling and recovery of ferrous and non ferrous scrap

14-16 September 2006 , Brescia, Italy

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## RWM 2006



RWM06 (The Recycling & Waste Management Exhibition) runs between 12th -14th September 2006 at the NEC, Birmingham, UK.

It features an extensive Seminar Programme, Training Zone plus outdoor vehicle and waste demonstration areas.

12-14 September 2006 , NEC, Birmingham, United Kingdom

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## Entsorga-Enteco



International Trade Fair for Waste Management and Environmental Technology.

The new Entsorga-Enteco will cover the entire value chain for waste management and environmental technology.

24-27 October 2006 , Cologne, Germany

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## Latest News

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### India : Demand for Used Plastics

20/06/2006 (recycle.de)

Europe exports around 40,000 tonnes of used plastics to India monthly. There approx. 8,000 enterprises work in plastic recycling and satisfy 40 percent of the demand for plastic for the whole country from 2.5 million tonnes of processed secondary material.

The demand is rising by 14 percent annually. The government is considering the

introduction of high subsidies for irrigation work. As a result more recycled plastic would be required for pipes...

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#### **UK: Cheshire awarded £40 million in PFI credits**

*20/06/2006 (letsrecycle.com)*

Defra announced today that Cheshire county council is to receive £40 million in PFI credits to help divert municipal waste from landfill...

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#### **UK: January 1 2007 proposed as new WEEE day**

*20/06/2006 (letsrecycle.com)*

The Department of Trade and Industry has suggested that the Waste Electrical and Electronic Equipment regulations will be implemented from January 1 2007, with full implementation on July 1 next year, writes Adam Hooker

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#### **UK: Green light for Belvedere energy-from-waste incinerator**

*20/06/2006 (letsrecycle.com)*

A major new energy-from-waste incinerator was today given the green light by the Department of Trade and Industry. Ministers announced this morning that the Belvedere plant proposed by waste firm Cory Environmental for the London borough of Bexley will go ahead.

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#### **Keep tyres out of artificial turf, say Swedes**

20/06/2006 (endseuropedaily.com)

Sweden's national chemicals inspectorate KemI has warned against what it terms the "inappropriate" use of recycled rubber from scrapped tyres in artificial turf on sports pitches. Users should demand information on the chemical composition of such products and the removal of any toxic constituents, while pushing for the development of better alternatives, it said on Wednesday...

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### [Rubberized Asphalt to Be Tested in Washington](#)

14/06/2006 (recyclingtoday.com)

The Washington state Department of Transportation (DOT) has announced that it will begin testing rubberized asphalt on a section of southbound Interstate 5 in August, according to a report in the Seattle Times. One test segment of asphalt will have a blend of rubber recycled from old tires and another will have fiber and polymer blended in, according to the report....

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### [Regional EPA Office Releases Tire Recycling Guidebook](#)

14/06/2006 (recyclingtoday.com)

The Environmental Protection Agency and the state of Illinois have created the Scrap Tire Cleanup Guidebook , A Resource for Solid Waste Managers Across the United States. The guidebook, written for tire manufacturers, state and local government, regulators, auto recyclers and collectors, contains practical solutions including: - Examples of scrap tire cleanup programs and funding - Legal considerations and property issues - Cost recovery - Local and regional markets for scrap tires - Cleanup planning - Selecting contractors - Project management The guidebook includes case studies highlighting success stories.

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## South Africa: E-waste Recycling Project

14/06/2006 (bionet.net)

The international interest group eWASA (electronic Waste Association of South Africa) lobbies for consumer education and improved recycling of electronic waste. Under its auspices the Green e-Waste Channel as established in 2005. Two service providers of the network operate a successful project in Cape Town: At a collection point all types of electronic waste are accepted and repaired or used for spare parts and recycled. Useable components are sold, refurbished devices go to charitable organisations. Three sorters are employed on a full-time basis. They receive ongoing training to improve their skills. The project partners keep detailed records of waste collected that can be fed into waste information systems in the province and at a national level. Educational programmes are offered and workshops have been conducted to over 250 learners from schools in the surrounding areas. The South African project is one of three worldwide with the goal of developing decentralised business models in the area of e-waste, which create jobs and alleviate poverty along the lines of the Basel Convention

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## UK: A new era for wastes management

13/06/2006 (edie.net)

Steve Lee, chief executive of the Chartered Institution of Waste Management, tells to the edie.net web site how waste policy must change to meet future challenges.

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## UK: Crucial times for composting industry

13/06/2006 (edie.net)

Alexander Maddan, managing director of composting company Agrivert Ltd writes describes the rapidly changing face of the industry.

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### United States: Steel Can Recycling Increases in 2005

09/06/2006 (recyclingtoday.com)

The Steel Recycling Institute (SRI) has announced that the recycling rate for steel cans has increased to 63 percent in the United States for 2005. This rate reflects another slight increase from the 2004 record-setting rate of 61.7 percent, according to a press release from the SRI.

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### Aleris Plans on Chinese Zinc Recycling Plant

09/06/2006 (recyclingtoday.com)

Aleris International, Inc. announced plans to build a zinc recycling facility in the Economic Development Zone of Changshu, China, about 100 kilometers outside of Shanghai. The plant will recycle secondary zinc materials generated in the steel galvanizing process...

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### BIR Convention: Steel's Sustained Strength

09/06/2006 (recyclingtoday.com)

The urbanization of China and India brings with it a need for steel that should sustain a bull market for steel for several more years, according to securities analyst Peter Hickson of UBS Investment Bank, London. Speaking at the Ferrous Division meeting at the Spring 2006 Bureau of International Recycling (BIR) Convention, Hickson compared the current steel situation to the one that accompanied the urbanization and re-building of Japan in

the 1960s....

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## Latest Documents (Download Section)

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### **Scrap Tire Cleanup Guidebook**

The U.S. Environmental Protection Agency (EPA) and the state of Illinois have created the Scrap Tire Cleanup Guidebook, A Resource for Solid Waste Managers Across the United States. The guidebook, has been written for tire manufacturers, state and local government, regulators, auto recyclers and collectors.

Source: [US EPA Web site](#)

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### **Recycled Rubber Products in Landscaping Applications**

Rubber from scrap tires is a waste material that is ideal for use in landscaping applications. By using recycled rubber products, landscapers can create cost-effective, high-quality, and environmentally beneficial projects. The landscaping market is potentially large enough to recover all the scrap tires that are currently discarded in landfills or tire piles.

Source: [US EPA web site](#)

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### **HA oils in automotive tyres - prospects of a national ban**

The Swedish Government has commissioned the National Chemicals Inspectorate to investigate the prospects of a Swedish ban on the use of highly aromatic oils (HA oils) in automotive tyres.

Source: [US EPA web site](#)

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See the [Waastexchange.co.uk](http://Waastexchange.co.uk) Download Section

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## Latest TO/TR (Technology Offers / Technology Requests)

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### **New materials for building and infrastructure industry based on recycled waste**

A Belgian company offers a wide range of applications (bricks, panels, etc.) made of recycled waste. Their formulations are suitable for all construction techniques (injection, projection, moulding, prefabrication, finished products, etc.) and offer an economic and environmental solution for recycling of numerous wastes. The company would like to collaborate with any waste producers interested in valorisation of their waste. Several cooperation formulas are sought.

(Ref: 06 BE BIRC OF9W - 13/06/2006)

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### **Wastewater treatment and recycle in the processes of wet textile dyeing**

An Italian research Centre has developed an innovative process to treat wastewaters from textile dyeing, based on a physical-chemical treatment and an ultra-filtration technology utilising flat membranes. The technologies are applied in a pre-industrial scale prototype and allow partial reuse of treated wastewater during the production cycle. The centre is looking for partners interested in the realisation of full scale plants for applications in the textile and in other industrial sectors.

(Ref: 06 IT TUPR OFJ3 - 13/06/2006)

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### **Convective aeration of compost stacks – the DOM aeration method**

A small innovative German company, specialised in composting technologies, is offering a new composting method based on convective aeration of compost stacks. This method is a very effective and economical procedure without the need for energy supply. The compost stacks do not have to be moved and mixed. The procedure works smell-free,

without seep water and produces high-quality compost. The company is looking for public or private companies interested in new composting methods.

(Ref: 06 DE NSNA OFE9 - 13/06/2006)

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### **Modular unit for sorting and collecting waste in the home or office**

An Irish company has developed a modular unit for sorting and collecting waste in the home or office. The unit is designed to be aesthetically pleasant and hygienic, and eliminates the use of liners. The design also allows for a degree of customisation by users to suit their particular waste streams. The individual modules can be then collected, so no need for a wheelie bin. The company seeks a license agreement with a company operating in the areas of consumer goods or recycling & recovery

(Ref: 06 IE IEEI OFCG - 30/05/2006)

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[See the Wastexchange.co.uk TO/TR Section](#)

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## **Next Events**

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### **World Urban Forum**

The third World Urban Forum (WUF 3) and 30th anniversary of the first UN conference on Human Settlements. During this five-day event, non-governmental organizations, community-based organizations, urban professionals, educators, politicians, academics, engineers, artists and journalists, among many others, will focus their attentions on one common topic: the city.

19 - 23 June 2006 Vancouver, Canada

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[1st ICEEE Int. Conference on "Bioorganic Municipal Waste and Landfill Manamement"](#)

ICEEE (the Clean Energy and Environmental Engineering Institute) - Waste Management Section, is organising the "1st International ICEEE Conference on Bioorganic Municipal Waste and Landfill Management" in Shenyang from June 24th through 25th. Experts from Germany, Austria, Italy, Hong Kong and China are discussing the feasibility and design criteria for an integrated biotechnological waste treatment system in Shenyang and China. Currently the country is the world's largest producer of waste and the content of bioorganic material in Chinese municipal waste is double that of western countries

24 - 25 June 2006 Shenyang, China, People's Rep.

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#### [Plastics Recycling Conference & Trade Show](#)

With market demand for an event focusing on plastics recycling at an all-time high, the Recycling Today Media Group announces the inaugural Plastics Recycling Conference & Trade Show to be held June 25-27, 2006, in Chicago, Illinois in conjunction with the popular Paper Recycling Conference & Trade Show.

25 - 27 June 2006 Chicago, Illinois, United States

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#### [Paper Recycling Conference & Trade Show](#)

conference offers attendees a diverse education program focused on current market issues, extensive networking opportunities and an exhibit hall full of new equipment and service offerings to browse. Don't miss this opportunity to stay in the loop on the latest paper industry trends and happenings

25 - 27 June 2006 Chicago, Illinois, United States

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## IFAT CHINA 2006 - 2nd International Trade Fair for Environmental Protection

IFAT CHINA is the comprehensive exhibition on the Asian market for practice-oriented solutions in the key sectors for environmental protection and waste disposal including water supply, sewage, recycling, air pollution, environmental technology and environmentally sound energy sources.

27 - 30 June 2006 Shanghai (Pudong), China, People's Rep.

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## Effective Waste Management Strategies

The NBCC (Netherlands British Chamber of Commerce) is organising a 2-day fact finding visit on effective waste management strategies in the Netherlands for British local and regional authorities and waste management companies

27 - 28 June 2006 Amsterdam, Netherlands

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## 2nd International Conference on Quantified Eco-Efficiency Analysis for Sustainability

The concept of eco-efficiency has emerged as one of the crucial themes linking the economy and environment and presenting opportunities for joint improvement in economic and environmental performance. In June 2006 the Second International Conference on Eco-Efficiency, on the theme Quantified Eco-Efficiency Analysis for Sustainability and building on the First International Conference in 2004, will further develop understanding of the concept of eco-efficiency, how it is being implemented in industry, and what policies are most effective in promoting it.

28 - 30 June 2006 Leiden, Netherlands

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## ICBR 2006: International Battery Recycling Congress

ICBR is the only internationally recognized event in battery recycling and thus, it should not be missed by anyone involved in the field.

28 - 30 June 2006 Interlaken, Switzerland

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## ENTECH Pollutech Asia 2006

16th International Exhibition of Environmental Protection, Pollution Control Technology and Renewable Energy.

06 - 09 July 2006 Bangkok, Thailand

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## Managing Industrial And Commercial Waste

Through Minimisation, Treatment And Recovery To Reduce Waste Costs And Deliver Legal Compliance The ENDS report's second waste conference will examine the most pressing issues that current waste legislation presents...

11 July 2006 London, United Kingdom

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## WASTECON 2006

WasteCon is the biennial international conference and exhibition of the Institute of Waste Management of Southern Africa (IWMSA) A series of plenary and parallel technical sessions, as well as workshops, will be scheduled throughout the 3-day conference, followed by a one-day optional technical tour.

05 - 08 September 2006 Cape Town, South Africa, Republic of

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## Solid Recovered Fuel: Why waste it?

This seminar brings together local government, economists, fuel market experts, process specialists, and researchers to review the commercial opportunities and progress of SRF becoming a regularly used fuel in the UK and Europe and asks the question - Is SRF to be regarded as a viable energy resource or just another waste?

07 September 2006 Bedfordshire, United Kingdom

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## International Conference on Infrastructure Development and the Environment (ICIDEN ABUJA 2006)

To provide a forum for scientific and policy analyses; business development; technology assessments; inter-agency and inter-institutional collaboration; and formulation of frameworks, approaches and technical systems for global sustainable development, the International Conference on Infrastructure Development and the Environment (ICIDEN ABUJA 2006) will be held in Africa for the first time. Many international, national, and regional agencies, universities and corporations are involved in various programs of this conference.

10 - 15 September 2006 Abuja, Niger

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## RWM 2006

RWM06 (The Recycling & Waste Management Exhibition) runs between 12th -14th September 2006 at the NEC, Birmingham, UK. It features an extensive Seminar Programme, Training Zone plus outdoor vehicle and waste demonstration areas. For more information, and to register for your free of charge entry badge, visit [www.rwmexhibition.com](http://www.rwmexhibition.com).

12 - 14 September 2006 NEC, Birmingham,, United Kingdom

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### **ECOZONNE - ECOLIFE 2006**

Expo Transilvania S.A., Margran S.R.L., Cluj Chamber of Commerce and Industry in partnership with "Babes-Bolyai" University, The University of Agricultural Sciences and Veterinary Medicine, Cluj-Napoca Technical University and The Regional Agency for Environment Protection invite you to participate to the 9-th edition of ECO LIFE-ECO ZONNE fair, The most important specialized event in Transilvania. Application Form | Invitation

13 - 16 September 2006 Cluj-Napoca, Transilvania, Romania

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### **ORBIT Conference, 2006**

5th International Conference - Biological Waste Management >>> From Local to Global

13 - 15 September 2006 Weimar, Germany

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### **Metalriciclo**

Exhibition on: technologies, products, equipment, machines and plants for collection, selection, machining, recycling and recovery of ferrous and non ferrous scrap

14 - 16 September 2006 Brescia, Italy

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### **SIBESA - Italian- Brazilian Symposium and Fair of Sanitary and Environmental Engineering**

VIII Sibesa - Italian- Brazilian Symposium and Fair of Sanitary and Environmental

Engineering to be held from September 17 to 22, 2006, at Marina Park, in Fortaleza, Ceará is sponsored by CAGECE - Cia de Água e Esgoto do Ceará (Ceará Water and Sewage Company), Fortaleza City Hall, Fortaleza Convention Bureau and the Ceará Government Infrastructure Secretariat. The Symposium, which is held every two years, alternately held in Brazil and Italy, is organized by the Brazilian Association of Sanitary and Environmental Engineering - ABES, ABES section CE and Associazione Nazionale di Ingegneria Sanitaria Ambientale - ANDIS- Italy. It aims at providing a technical, scientific and political interchange between professionals and companies from both countries generating a large assessment of the scenario and the new practices in the sector of Environmental Sanitation and Water Resources.

17 - 22 September 2006 Fortaleza - CE, Brazil

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#### **International seminar on european project development: Energy and Environment**

The European Commission will drastically change the funding schemes available for environmental and energy projects starting from 2007. These changes concern the introduction of completely new programmes and a significant increase in the budget of the existing ones. Leaning heavily on the experiences gained from years of successful project development under the current funding schemes the lecturers of the seminar will introduce these new programmes for the first time.

21 September 2006 St. Julians, Malta

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#### **European Paper Recycling Conference**

The European Paper Recycling Conference offers recovered paper merchants, brokers, consumers, mill representatives and equipment and service providers involved in the paper recycling industry an important forum to network with industry colleagues and

discuss the latest market trends.

25 - 26 September 2006 Barcelona, Spain

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### 10th European Lead Battery Conference

10ELBC brings together key technical, manufacturing, marketing and R&D personnel to discuss and examine the strategic, technical and commercial issues of greatest importance to the industry today.

26 - 29 September 2006 Athens, Greece

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### Anaerobic Biological Waste Treatment

The 5th professional symposium "Anaerobic Biological Waste Treatment" in Dresden addresses: legal foundations, processing technology developments, research results, energy use, plant security and examples from the field. Firms can present themselves as part of an exhibition. The organisers of the event: Technische Universitaet Dresden, Fachhochschule Trier, Technische Universitaet Hamburg-Harburg and Technische Universitaet Muenchen.

27 - 28 September 2006 Dresden, Germany

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### ISWA General Assembly and Annual Congress

This Congress will focus on existing decision-making methods and models in development as well as their feasibilities and limitations. The Congress will also highlight the new agenda for waste management as included in the proposed EU Waste Framework Directive, expected to be adopted in 2 years time. This directive will be of crucial

importance for waste management and industries both in EU Member States and in the rest of the world, surrounding Europe. At the same time the Congress will present how systems, institutions and companies have adapted to the new demands and targets placed upon modern waste management systems.

01 - 05 October 2006 Copenhagen, Denmark

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### 15th PROMA International Environment Fair

The ambitious program of parallel events includes the 10th Environmental Engineering Congress, the 5th Technology Transfer Encounters, the 4th Latin-American Environmental Encounters and the 2nd Iberian Congress on the future of Recycling, making PROMA 2006 the ideal forum for environmental research, for technological advances in cleaner production and for environmental business affairs.

03 - 06 October 2006 Bilbao, Spain

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### E-Scrap 2006

E-Scrap 2006 will feature extensive and detailed industry assessments, including analyses of stewardship systems and trends in the U.S. and Canada, e-scrap collection issues, recycling market factors, and legislative and policy considerations.

18 - 19 October 2006 Austin, Texas, United States

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### National Recycling Coalition congress and exposition

The Annual Congress & Exposition is NRC's annual education and networking event and is considered the premiere national event for recycling professionals

22 - 25 October 2006 Atlanta, Georgia, United States

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### Entsorga-Enteco

International Trade Fair for Waste Management and Environmental Technology. The new Entsorga-Enteco will cover the entire value chain for waste management and environmental technology.

24 - 27 October 2006 Cologne, Germany

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### BIR Autumn Convention

Bureau of International Recycling Autumn Convention

30 - 31 October 2006 Brussels, Belgium

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### Ecomondo 2006

ECOMONDO strengthens its leadership for the entire waste recovery cycle, sustainable energy, water recycling, reclamation, air quality and risks and safety.

08 - 11 November 2006 Rimini, Italy

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### Energia International Expo 2006

The unique Exhibition & Forum in Greece, under the auspices of the Greek Ministry of Development, exclusively on Energy Products, Technologies & Processes download the brochure

09 - 12 November 2006 Athens, Greece

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## World Recycling Forum - Shanghai '06

International Conference & Exhibition on Car, Electronics and Battery Recycling

14 - 17 November 2006 Shanghai, China, People's Rep.

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## Entech India 2006

South asia's only international exhibition & conference on environmental technology & renewable energy

16 - 18 November 2006 Mumbai, India

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## Austria - Waste Management Conference

From November 22nd through 24th, 2006 representatives from the scientific world and business are meeting for the eighth time at the DepoTech in Leoben, Germany. The focus: waste and landfill technology, contaminated sites and sustainable waste management. Practical experience or scientific work is welcome as lecture or poster. Deadline for the submission of papers is February 28th, 2006.

22 - 24 November 2006 Leoben, Germany

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[See the Wastexchange.co.uk Events Section](#)

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