



Walid Hikmat - Consultant

استشاري تدوير مخلفات

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MERAS II

2nd Middle East Tire Recycling

And Rubber Pavement Symposium

Nov. 28-29th 2010

Cairo Sonesta Hotel

Introduction

The 1st Middle East Asphalt Rubber Symposium was concluded successfully on Nov. 28th 2009 at the same venue, 45 delegates and six speakers discussed tire recycling methods and technologies, rubber asphalt and rubber products were the main highlights in the event. This year's event will attract even more attention from the region as governments are paying attention to recycling and particularly to tire recycling.

The problem:

Millions and perhaps billions of tires are scrapped every year adding to already piled up scrapped tires over the years, it is estimated that at least one tire is scrapped annually for each citizen, while 20 million tires are scrapped in Egypt reflecting an average of 40 million kilograms of precious raw material thrown either into the ground via land-filling or burned into the air in the form of hazardous oxides, in a country like Jordan at least there are one and half million tires may be scrapped this year at 30,000 tons on average.

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Rubber tires don't decompose if buried; they float to the surface over time, and render the landfill unusable for any development in the future. Further on, when piled up they become subject to fires such fires may be difficult to extinguish if not expensive for that matter, thus emitting dangerous gases and damaging the environment, if they escaped fires and because they have cavities they become a good breeding ground for insects and spread of disease.

Recycling – the solution:

Many recycling methods were developed throughout the last few decades each is being considered for a different end product, the most successful and possibility the “will be a lasting one” is ambient grinding, this method is proved effective when dealing with large amounts of scrap tires at a given time span while the final product is widely used in hundreds of application. Extracting the valuable components of tires through recycling is not an option, it is a must.

Roads and pavements

Asphalt and concrete pavements have long been used to make walking and driving on smooth and easy, however they don't have any shortage of problems of their own. They expand and retract under day heat and night drop in temperature, when they retract they don't do that back to their original shape, thus forming cracks first on the surface then cracks become deeper into the structure, when moisture or rainwater fill in these cracks and temperature falls water expands pushing the cracks wider and deeper damaging the pavement.

Sound is another issue, most of the noise we hear while driving comes from the contact points of tires and pavements, while some will come from the vehicle driving against the



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wind, with modern aerodynamic technologies applied to vehicle's body the sound of tires hitting the road will still be the major noise source, this is as far as the passengers are concerned and yet there is still the neighborhoods and noise pollution caused by the tires-road contact.

Tires lose 10-15% of their original weight before they are scrapped due to friction between the tire and asphalt pavement, where does this waste go? It goes into the air we breathe and the food and water we consume.

Why should we do it?

1. Environmental reasons: To avoid burning or burying tires, lowering noise levels, lowering frictions and lowering emitted hazardous gases into the air.
2. Economy: Avoiding wasting valuable raw material, improving pavement quality thus reducing maintenance costs and prolonging pavement service life and reducing wear of the tires themselves which will reflect on their consumption.

The symposium:

This two days symposium will address the above issues and discuss ways and means on how we can help our environment, economy, health and our way of life through the use of scrap rubber tires in asphalt pavements.



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The audience:

Tire recyclers, Municipalities, Public works – military and civil, Contractors, Scholars and researchers, Environmental specialists, Consulting engineering houses and Universities from the Middle East region.

Participation:

1. As a delegate, you will get hands on knowledge directly from the experts, network and discuss various tire recycling and asphalt rubber issues.
2. As a speaker, you will benefit attendees from various engineering, construction, and recycling sectors by sharing your ideas or present the technology to a new and fresh market.
3. As a sponsor, you will enjoy exposure to a new lucrative market.

Who will be exhibiting?

A display area will be allocated for:

1. Asphalt rubber systems developers and equipment vendors
2. Crumb rubber and crumb rubber products manufacturers
3. Research and development houses

For registration and symposium information please contact us or visit the symposium website: www.plasticandtires.com



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MERAS Overview

Name	Middle East Rubber Asphalt Symposium
Theme	From Tires to Pavement
Dates	Nov. 28 th through Nov. 29 th 2010
Venue	Sonesta Cairo Hotel – Egypt
Audience	From public works, civil and military, Municipalities, Engineers, Consultants, Tire recyclers, Universities, Environmental organizations
Territories	Egypt, Gulf States, Syria, Lebanon, Jordan, Iraq and Yemen
Presenters	Tire recycling systems manufacturers, Asphalt Rubber Plants Manufacturers, Crumb Rubber Producers, Researchers and Scholars, Associations. Profit and Non Profit Organizations
Exhibitors	Limited stands available
Platinum Sponsor	One available
Gold Sponsor	One available
Silver Sponsor	Two available
Organizer	Walid Hikmat – Recycling Consultant



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Topics and schedule:

1. Sunday Nov. 28th 09:00 Hrs.
Introduction to tires
 - History of tires
 - How tires are made
 - Tires composition
 - Scrap tires – environmental impact

2. Sunday Nov. 28th 13:00 Hrs.
Introduction to scrap tires recycling
 - Methods
 - Emphasis on ambient grinding
 - Granules quality and properties
 - Economics of recycling

3. Monday Nov. 29th 09:00 Hrs.
Introduction to asphalt
 - About asphalt
 - Physical properties
 - Environmental issues
 - Economics of asphalt

4. Monday Nov. 29th 11:00 Hrs.
About asphalt rubber
 - History
 - Technologies
 - Applications
 - Environmental and long term economic impact

5. Monday Nov. 29th 16:00 Hrs.
Conclusions, recommendations

6. Nov. 29th 18:00 Hrs. **Symposium ENDS**



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Sponsorship Opportunities

Platinum Sponsor - Opening Cocktail Reception

Overview: On the opening day of the conference, a cocktail reception will be held prior to the keynote speaker. The welcome reception will be held on Nov. 27th at 20:00 Hrs.

The reception will include local, organic hors d'oeuvres and beverages.

Sponsor Highlights:

- Welcome guests at the reception together with the organizer
- Highlight the sponsor's initiatives and stewardship in the industry during the welcome address.
- Sponsor's name and logo will appear on a banner displayed prominently in the reception area.
- Sponsor's logo will also appear on the conference website and program.
- Additional signage, provided by the sponsor, can be positioned throughout the cocktail area.
- Prominent Exhibition Space
- Two free seats at the symposium.

Gold Sponsor – keynote Speech

Overview: The conference keynote address will be attended by all participants and is one of the most important components of the conference. Distinguished keynote speaker will address all attendees and set stage for the conference, Gold will have the opportunity to address the audience following the Keynote Speaker.

Sponsor highlights:

- Welcome guests together with the organizer.
- Sponsor's logo on the introductory slide of the keynote presentation, and all intermission slides positioned on the screen before each of the general track sessions.
- Sponsor's logo on the conference website and program.
- Prominent exhibition space.
- Two free seats at the symposium.

Silver Sponsor – two available

Overview: Lunch for all attendees, panelists, and presenters will be held on 28th, and 29th Nov. The lunch will include a local, organic buffet and Beverages.

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Sponsor Highlights:

- A banner highlight the sponsor's company logo and URL displayed in the dining area.
- A joint speech together with a MERAS representative to welcome guests at the networking lunch.
- The opportunity to display and distribute promotional material on a table near the coffee-service.
- Sponsor's logo on the conference website and program.
- One free seat at the symposium

Please contact us to book your preferences

Organizer: Walid Hikmat - Recycling Consultant Alexandria – Egypt tadweer@plasticandtires.com www.plasticandtires.com	MERAS '10 2 nd Middle East Tire Recycling And Rubber Pavement Symposium Nov. 28-29, 2010 Sonesta Hotel, Cairo
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REGISTRATION FORM

Please print the requested information, this information will be used for your name badge

Registrant		Birth Date	
Company		Occupation	
Address		City	
		Country	
Tel/Fax		E-MAIL	

FEES – Please fill in as applied, room is optional			
Amount	Type	Totals	
\$750	Speakers		
\$850	Individual Registration		
\$950	Commercial presentations w/ Free display stand		
\$140	Room per night w/Breakfast.	Number of nights	Total
		Total payment to accompany this form	

Terms
<ul style="list-style-type: none"> • All registrations must be received by 28/09/2010. • Government staff and NGO members must provide a letter from their organization. • Walk in registration accepted at the door with cash payment only if seats are available. • Registration fee is non-refundable, substitutions not accepted. • Payment receipt must accompany this registration form. • Registration forms received without payment are discarded. • Send this form with voucher to: tadweer@plasticandtires.com

Payment		
Via Western Union	Pay to: Walid Hikmat	Voucher "Receipt" must accompany this form.
By wire – T/T	Walid Y. Hikmat – CIB Commercial International Bank, Loran Branch, Alexandria, Egypt A/C No. 440090-7723 - Swift Code: CIBEEGXX044	

Authorized Name		Date	/ /2010
Stamp if applicable		Signature	

This area is for the organizer use, please don't write in this area			
Comments:			
Received on	/ /2010	Checked and processed by:	