Register now at www.argusmedia.com/africa-bitumen
Business opportunities across Africa are growing. With market participants still struggling with inconsistent bitumen supply, coupled with growing demand across the region, this is opening up opportunities for market players to take advantage of the lack of supply and expand their business across the continent.

The 3rd Argus Africa Bitumen conference will give you the chance to explore the future of consistent bitumen supply, the changing storage and logistics landscape and successful deliverability when faced with varying specifications and a lack of climatic data. Bringing together road agencies with end users, asphalt producers, suppliers, traders and refineries, this event has become the industry’s leading event for sharing information for success and building strong relationships.

“Excellent way to monitor progress and innovation across the pan-African bitumen market. Perfect networking opportunities.”

Gary Diepraam, Specialities Manager, Total South Africa

Country Focus

South Africa

Sustainable bitumen supply is the regions number one priority. Hear from Thomas Moons, General Manager Specialities, Shell as he discusses; finding consistency from South Africa’s refineries, understanding the market implications of refinery shutdowns and how these shortages can be prevented in the future. As emulsions evolve to meet the particular climatic and operational needs of South Africa, learn from Johan Muller, Technical Manager Bitumen and Road Binder, Tosas and understand the appropriate use of bitumen emulsions as one of the main bitumen binders in African countries.

Kenya

With an estimated $5.14 billion dedicated to road project developments and recent studies revealing that Kenya is set to become a hub for inter-regional trade, companies are looking to expand into East Africa. Keynote speaker Eng. Jacob Ruwa, Executive Director, Kenya Roads Board will explore new road projects and developing infrastructure in Kenya, so you can realise your businesses potential in the region.

Zambia

November 2015 has seen the Zambian government commence plans for improvement of the internal road infrastructure following the allocation of $400m from the $1.25bn Eurobond. Explore how this will be spent and future road projects with Eng. Kanyuka Mumba, Chief Executive Officer, Road Development Agency (RDA), Zambia.

Nigeria

Opportunities abound across the continent and nowhere more so than Nigeria – learn about market expansion opportunities, the current trading landscape, and what infrastructure is available to support inter-regional bitumen trading with Mustapha Fasinro, Executive Director and CEO, Linetrale Petroleum.

An unrivalled line-up of pan-African speakers:

Eng. Jacob Ruwa, Executive Director, Kenya Roads Board
Eng. Kanyuka Mumba, Chief Executive Officer, Road Development Agency, Zambia
Eng. Trevor Hiwa, Chief Executive Officer, Roads Authority, Malawi
Collins Donkor, Regional Director, Ghana Highways Authority
Thomas Moons, General Manager, Specialities, Shell
Herman Marais, Group Technical Director Materials, Much Asphalt
Barry Theron, Senior Director, Murray & Roberts
Johan Muller, Technical Manager Bitumen and Road Binder, Tosas
Ronny Muthusamy, Commercial Manager, Engen
Saied Solomons, Executive Director, SABITA
Jonathan Weston, Editor, Bitumen, Argus
Philip Wambugu, Infrastructure Director, East African Community
James Gooder, Business Development Manager, Argus
Wandile Musi Mseleku, Chief Executive Officer, Burgan Cape Terminals
Mustapha Fasinro, Executive Director and CEO, Linetrale Petroleum
Kevin Baart, Head of Strategic Projects, Sapia
Douglas Judd, Technical Manager, N3 Toll Concession
Georges Mturi, Senior Researcher, Manager Bituminous Binders Laboratory, CSIR
Keyvan Hedvat, Editor, Bitumen, Argus

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## Conference Day One  22 February 2016

<table>
<thead>
<tr>
<th>Time</th>
<th>Event</th>
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<tr>
<td>08.30</td>
<td>Morning registration and networking</td>
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<tr>
<td>09.30</td>
<td>Chairperson’s opening remarks</td>
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<td></td>
<td>Jonathan Weston, Editor, Bitumen, Argus</td>
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<tr>
<td>09.40</td>
<td>Keynote address: Exploring new road projects and developing infrastructure in Kenya</td>
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<td>• Identifying plans and new projects for road infrastructure in Kenya</td>
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<td>• Opportunities for investment in the road sector for national and international stakeholders</td>
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<td>Eng. Jacob Ruwa, Executive Director, Kenya Roads Board</td>
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<tr>
<td>10.00</td>
<td>Keynote address: Developing the road network and infrastructure in Zambia</td>
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<td>• Identifying plans and new projects for road infrastructure in Zambia</td>
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<td>• How to do business in Zambia: key challenges in trade, transport and logistics</td>
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<td>Eng. Kanyuka Mumba, Chief Executive Officer, Road Development Agency (RDA), Zambia</td>
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<tr>
<td>10.20</td>
<td>Keynote address: Assessing the current bitumen landscape in Malawi</td>
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<td>• What new infrastructure projects are on the horizon?</td>
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<td>• Understanding the need to support new infrastructure developments</td>
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<td>Eng. Trevor Hiwa, Chief Executive Officer, Roads Authority, Malawi</td>
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<tr>
<td>10.40</td>
<td>Speed networking</td>
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<tr>
<td>11.00</td>
<td>Morning refreshments and networking</td>
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<tr>
<td>11.40</td>
<td>Keynote panel discussion: Prospects for road development projects and financing across the African continent: Malawi, Zambia, Morocco, Botswana, Nigeria, Ghana and Tanzania</td>
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<td></td>
<td>• Developing road networks in emerging regions</td>
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<td>• Working closely with road agencies and identifying different bitumen specifications</td>
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<td>Moderator:</td>
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<td>Jonathan Weston, Editor, Bitumen, Argus</td>
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<td>Panelists:</td>
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<td>Eng. Jacob Ruwa, Executive Director, Kenya Roads Board</td>
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<td>Collins Donkor, Regional Director, Ghana Highways Authority</td>
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<tr>
<td>12.10</td>
<td>Outlook on bitumen prices</td>
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<td>• Impact of crude oil price fluctuations on bitumen prices</td>
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<td>• Looking at the changes in regional pricing for bitumen and the factors impacting the change</td>
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<td>Jonathan Weston, Editor, Bitumen, Argus</td>
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<tr>
<td>12.40</td>
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<tr>
<td>14.10</td>
<td>Speaker interview: Exploring bitumen supply and demand dynamics in a global context</td>
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<td>• Assessing current trading trends across the region to identify new business opportunities</td>
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<td>• Will new terminals compete with South African supply?</td>
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<td>Ronny Muthusamy, Commercial Manager, Engen</td>
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<td>14.40</td>
<td>Assessing the outlook of sustainable bitumen supply in the next 10 years</td>
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<td>• Finding consistency of supply from South African refineries</td>
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<td>• Rebalancing supply and demand</td>
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<td>Thomas Moons, General Manager, Specialities, Shell</td>
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<td>14.40</td>
<td>Increasing storage capacity</td>
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<td>Case study: Building fuel storage facilities at Burgan Cape Terminals</td>
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<td>• Meeting the growing demand for refined petroleum products in the region</td>
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<td>• Accepting imports and offering strategic business opportunities</td>
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<td>Wandile Musi Mseleku, Chief Executive Officer, Burgan Cape Terminals</td>
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<tr>
<td>15.10</td>
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<td>15.40</td>
<td>Afternoon refreshments and networking</td>
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<td>16.10</td>
<td>Country Roundtables</td>
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<td>Join 15-20 of your peers to explore the solutions to your number one challenge. Led by a thought-leader in the industry.</td>
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<td>Roundtable 1: South Africa: Recycling and maintenance techniques Led by: Barry Theron, Senior Director, Murray &amp; Roberts</td>
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<td>Roundtable 2: Zambia: Improving the supply chain</td>
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<td>Roundtable 3: Tanzania: Assessing storage capacity and infrastructure</td>
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<td>Roundtable 4: Kenya: Exploring growing demand and opportunities</td>
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<td>Roundtable 5: Nigeria: Opportunities to expand into the market</td>
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<td>Led by: Keyvan Hedvat, Editor, Bitumen, Argus</td>
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<tr>
<td>17.10</td>
<td>Roundtable leader’s conclusions and chairperson’s closing remarks</td>
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<td>17.20</td>
<td>Chairperson’s closing remarks</td>
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<td>17.30</td>
<td>Close of conference day one</td>
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<tr>
<td>17.30</td>
<td>Networking drinks reception</td>
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Conference Day Two  23 February 2016

08.30  Morning registration and networking

09.30  Chairperson’s opening remarks
James Gooder, Business Development Manager, Argus

Expanding business across Africa

09.40  West Africa: Expanding into new markets: Identifying opportunities in West Africa
• Exploring the growing demand for bitumen in West Africa
• Working with road agencies to accelerate infrastructure development
Mustapha Fasinro, Executive Director and CEO, Linetrale Petroleum

10.10  East Africa: Overcoming logistical challenges to trade successfully in East
• Exploring the growing demand for bitumen in East Africa
• Engaging the government to support local infrastructure development
Philip Wambugu, Infrastructure Director, East African Community

10.40  Morning refreshments and networking

Regulation

11.10  Case study: Investing around $1billion in the N3 Toll Concession (N3TC) to add additional capacity
• Exploring the need to expand the N3 highway with increasing usage over the years
• Addressing safety concerns
• Putting together a comprehensive traffic management programme to minimise disruption
• Reconstructing and rehabilitating roads and truck lanes with new asphalt overlay
Douglas Judd, Technical Manager, N3 Toll Concession

11.40  Stepping towards cleaner fuels by 2017 with the CF2 directive
• Exploring the national specifications for cleaner fuels: when will it come into force?
• What progress has been made in government negotiations?
Kevin Baart, Head of Strategic Projects, Sapia

Innovation in technologies

12.10  Understanding the appropriate use of bitumen emulsions as one of the main bitumen binders in African countries
• Using a more flexible, sustainable and versatile environmentally-friendly emulsion
• Reviewing the alternative to hot applied bituminous binder currently used in Africa
Johan Muller, Technical Manager Bitumen and Road Binder, Tosas

12.40  Networking lunch

14.10  Exploring polymer modified bitumen (PMB) development and demand in a pan-African context
• Measuring the demand for polymer modified bitumen across the continent
• Which countries in Africa are looking for improved performance from PMBs?
Herman Marais, Group Technical Director Materials, Much Asphalt

14.40  Panel discussion: Investing in new technologies and testing to improve product quality
• What criteria should be considered when assessing bitumen quality?
• How is the industry promoting investment for the development of new technology deployment in Africa?
Panelists:
Johan Muller, Technical Manager Bitumen and Road Binder, Tosas
Herman Marais, Group Technical Director Materials, Much Asphalt
Georges Mturi, Senior Researcher, Manager Bituminous Binders Laboratory, CSIR

15.10  Chairman’s closing remarks
James Gooder, Business Development Manager, Argus

15.20  Afternoon refreshments and networking

16.00  Close of conference day two

Post-conference workshop  24 February 2016

09.00  Morning registration

09.30  Moving towards performance-based specifications for asphalt mix designs
• Assessing a reliable supply of good-quality bitumen
• Emerging practices and technologies to improve the quality of bitumen
• Understanding the benefits of performance-based specifications in Africa
• Exploring best practice

12.30  Networking lunch

14.00  Close of conference day two

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- Suppliers 21%
- Technology 15%
- Trading 15%
- Asphalt Mixing Plants 13%
- Government 10%
- Construction 7%
- Chemical 6%
- Storage & Logistics 6%

Geographical breakdown of 2016 delegates

- Africa 52%
- Europe 24%
- Middle East 16%
- USA 5%
- Asia 3%

What’s new for 2016?

- Benefit from more panel discussions, speed networking and a dedicated workshop – ensuring you can spend even more time with your closest peers to overcome your biggest challenges
- Introducing interactive country roundtables where you’ll benefit from joining 20 of your peers who share the same strategic goals as you
- More pan-African road agency involvement – understand the current demand in even more countries, get the low-down on the right specification of bitumen for each environment and hear more on the latest business opportunities
- Expanding the technical content including emulsions and polymer modified bitumen sessions which will explore both the steps to improve product quality and innovative developments within the industry

Showcase your solutions to decision-makers in the ideal business environment

Gain direct access to a senior level audience through enhanced visibility and exposure to attract new business.

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- **Be seen as a thought leader** – grow your business credentials by showcasing your products or services in a dedicated learning environment
- **Keep up-to-date with key industry developments** – and offer the right solutions as companies debate the issues they are facing
- **Enjoy a unique networking opportunity** – and meet your marketing objectives with tailored packages

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22-24 February 2016

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Two day pass + workshop  £1,699  £2,209  £2,639
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