



ROAD PAVEMENTS  
FORUM



Sustainable roads, Safer journeys



# EXECUTIVE COMMITTEE



The Exco will make recommendations to Sabita on issues that relate to the governance and management of the conference.

Mahendren Manicum	Conference Chair (Naidu Consulting Pty Ltd)
Philip Joubert	CAPSA – Technical Advisor
Benoit Verghaeghe	CAPSA – Supporting Technical Advisor
Philip Hendricks	SABITA CEO
Deon Pagel	Raubex Group
Duncan Mason	Atana

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# TECHNICAL ADVISORY COMMITTEE (TAC)



This committee will comprise persons well versed in the procedures and proceedings associated with similar industry conferences with experience and technical expertise covering the scope of conference topics and/or themes.

	Surname	Name	Company		Surname	Name	Company
Consultants	Greyling	Andre	BVi Consulting Engineers	Associations	Muller	Joanne	SAT
	Bredenhann	Steph	Naidu Consulting		Hofmeyr	Melanie	SARF
	Van Zyl	Gerrie	Mycube Asset Management Systems	Client Bodies	Kannemeyer	Louw	SANRAL
	Van Holt	Chris	Zutari		Naidoo	Krishna	SANRAL
	Le Roux	Francois	Nyeleti Consulting (Pty) Ltd		Nene	Simphiwe	KwaZulu Department of Transport
Contractors	Marais	Herman	Much Asphalt Eikenhof	Secondary Binder Producers	Gramni	Larusha	Tosas
	Francis	Robson	National Asphalt		Ramoraswi	Nteseng	Colas (SA) (Pty) Ltd
	Van Zyl	Eben	Roadmac Surfacing		Berning	Nik	Liesen Bitumen (Pty) Ltd

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# TECHNICAL ADVISORY COMMITTEE (TAC)



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	<b>Surname</b>	<b>Name</b>	<b>Company</b>
<b>Academia</b>	Mostafa	Mohamed	University of KwaZulu Natal School of Engineering
	Steyn	Wynand	University of Pretoria
	Komba	Julius	University of Pretoria
	Goosen	Elaine	University of Stellenbosch
	Jenkins	Kim	University of Stellenbosch
<b>Importers</b>	Swart	Gerrit	Afrikooh
	Simonsen	Mark	RUBIS

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# WORKSHOP COORDINATOR



The Workshop Coordinator (WC) will develop a programme of parallel interactive sessions to bring into focus issues currently facing the roads industry within the context of the conference theme and content.

Andre Greyling – BVI Consulting Engineers

# EXHIBITION COORDINATOR

The prime role of the exhibition coordinator is to ensure that the CAPSA 27 exhibition establishes itself as a primary feature of CAPSA and brings massive value to the exhibitors and CAPSA delegates.

Nik Berning – Liesen Bitumen (Pty) Ltd

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# CAPSA27 VENUE



Sun City Resort

19 – 22 September 2027



19 SEPTEMBER 2027 – SAT GOLF DAY



## *Circularity and Resilience in African Roads: Engineering Practical Pathways to Sustainability*

The optimization of future benefits of asphalt pavements will lie in maximizing circularity in the road sector – where material reuse and recycling, innovation, and digital solutions converge to cut emissions, close material loops, and help in the transition to a climate neutral, circular and more resilient road network and economy. Each kilometre laid becomes a step towards a sustainable, net-zero transport system.

The conference will present up-to-date global approaches and technology to demonstrate commitment and support to sustainable practice supportive of developing clear environmental, asset management and governance strategies.

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# FOCUS AREAS

## 1. PAVEMENT DESIGN



- Designing to increase re-used and recycled asphalt content in pavements, while ensuring their performance and safety.
- Working towards CO2 savings by designing for smooth road pavements, net-zero pathways, using Life Cycle Assessment tools, product category roads (PCR), environmental product declarations (EPDs), and carbon credits.
- Promoting circularity by closing the loop through end-of-life asphalt strategies, deconstruction planning, and materials passports.
- Design for uncertainty in design inputs (e.g. evolving climate scenarios, variable materials, etc.) through adaptive standards, increased pavement life and durability, as well as using stochastic flexible design methods.
- Designing asphalt pavements to be more resilient to weather variability and climate change through the introduction of innovative drainage, permeable/asphalt mixes, geo-composite barrier systems, etc.

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## 2. MATERIALS

### 2A. Asphalt Mix Technology

- Balanced asphalt mix design in practice
- Developments in asphalt mix technology to achieve energy efficiency, high RA content, binder substitution, rejuvenators, secondary and ecofriendly aggregates, industrial by-products, reflective asphalt surfacing, warm mix asphalt, Bitumen Rubber Asphalt and improved specifications

### 2B. Stabilised Materials

- Upgrading and recycling of granular base materials, and the use of nanotechnology and other additives

### 2C. Chip seals and Microsurfacing

- Climate change and performance impacts, binder rheology and performance classification, durable seal design practices.
- Use and application of winter seals.

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## REQUEST

Sabit Manual 35: Design and Use of Asphalt in Road Pavements. The document was published a year ago and there have been no complaints regarding its application.



Would appreciate feedback from the industry

Direct to Lorraine – [lewagner@sabita.co.za](mailto:lewagner@sabita.co.za)

# THANK YOU

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