



**ROAD PAVEMENTS  
FORUM**



## FEEDBACK ON 48<sup>th</sup> RPF – APRIL 2025



# BACKGROUND

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- 48<sup>th</sup> Road Pavements Forum (RPF).
- First in-person meeting since 2019.
- RPF provided a platform for knowledge exchange, technical innovation, promotion of best practices and discussion on issues of strategic importance to the roads sector.
- 265 delegates
- Numerous requests to revert to the 1.5 days as the industry missed the in-person platform.

# KEYNOTE SESSION

## ROAD PAVEMENTS FORUM

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*CSIR, International Convention Centre, Pretoria, Gauteng  
09 April 2025*

### AGENDA

#### WEDNESDAY 9 APRIL 2025

09:00-09:30 REGISTRATION

09:30-10:30 KEYNOTE SESSION – Chair Mr. P. Hendricks (Sabita CEO)

Welcome, Announcements and Overview of the Programme

**SANRAL** – sharing of latest developments and the way ahead regarding the expansion of the network, structural changes and SANRAL R100bn spend over next three years. – *Mr. Louw Kannemeyer (SANRAL Chief Planning, Design & Projects Engineer).*

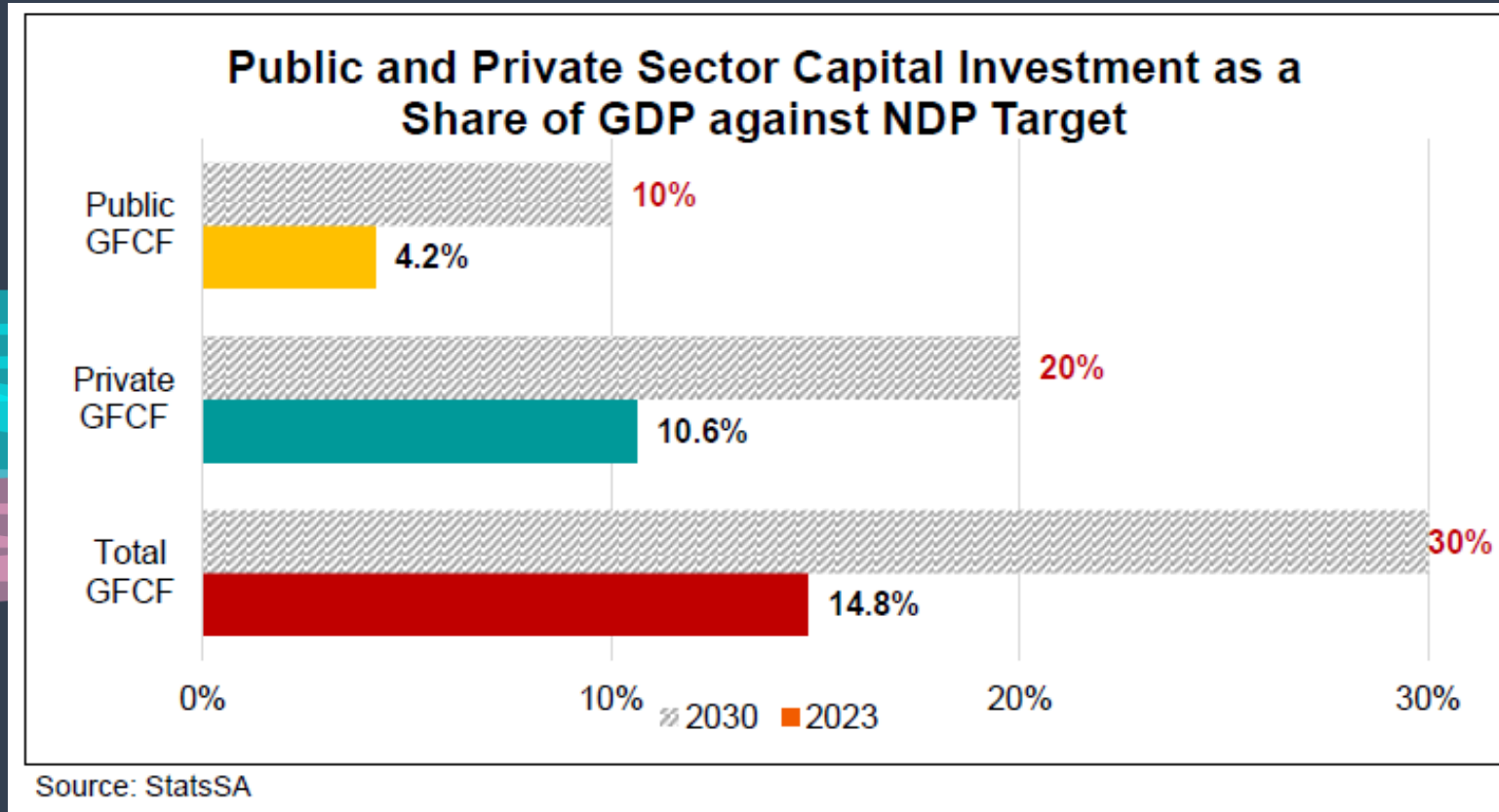
**INFRASTRUCTURE SA** – progress on mandate regarding issues such as the pipeline of strategic priority infrastructure projects, improved project delivery and project finance mechanisms – *Dr. Hubert Joynt (Programme Manager: ISA Centre of Excellence).*

# KEYNOTE SESSION

Project type	Non-toll		Toll		Total	
	Design	Construction	Design	Construction	Design	Construction
Routine maintenance	189	125	69	76	258	201
Periodic maintenance	181	78	31	16	212	94
Special maintenance	130	49	22	6	152	55
Community projects	134	35	14	0	148	35
Strengthening	34	15	7	3	41	18
Improvements	140	52	16	2	156	54
New facilities	185	48	40	6	225	54
Total projects	993	402	199	109	1 192	511
	1 395		308		1 703	
Total project value (R million)	R132 000		R49 000		R181 000	

**SANRAL three-year project pipeline**

# KEYNOTE SESSION



Capital Investment Target versus NDP Target

# QUALITY & HUMAN CAPITAL DEVELOPMENT

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10.30 -11:10

QUALITY AND HUMAN CAPITAL DEVELOPMENT – Chair – Ms. Melanie Hofmeyr (SARF – Deputy President) – SESSION SPONSOR ROMH



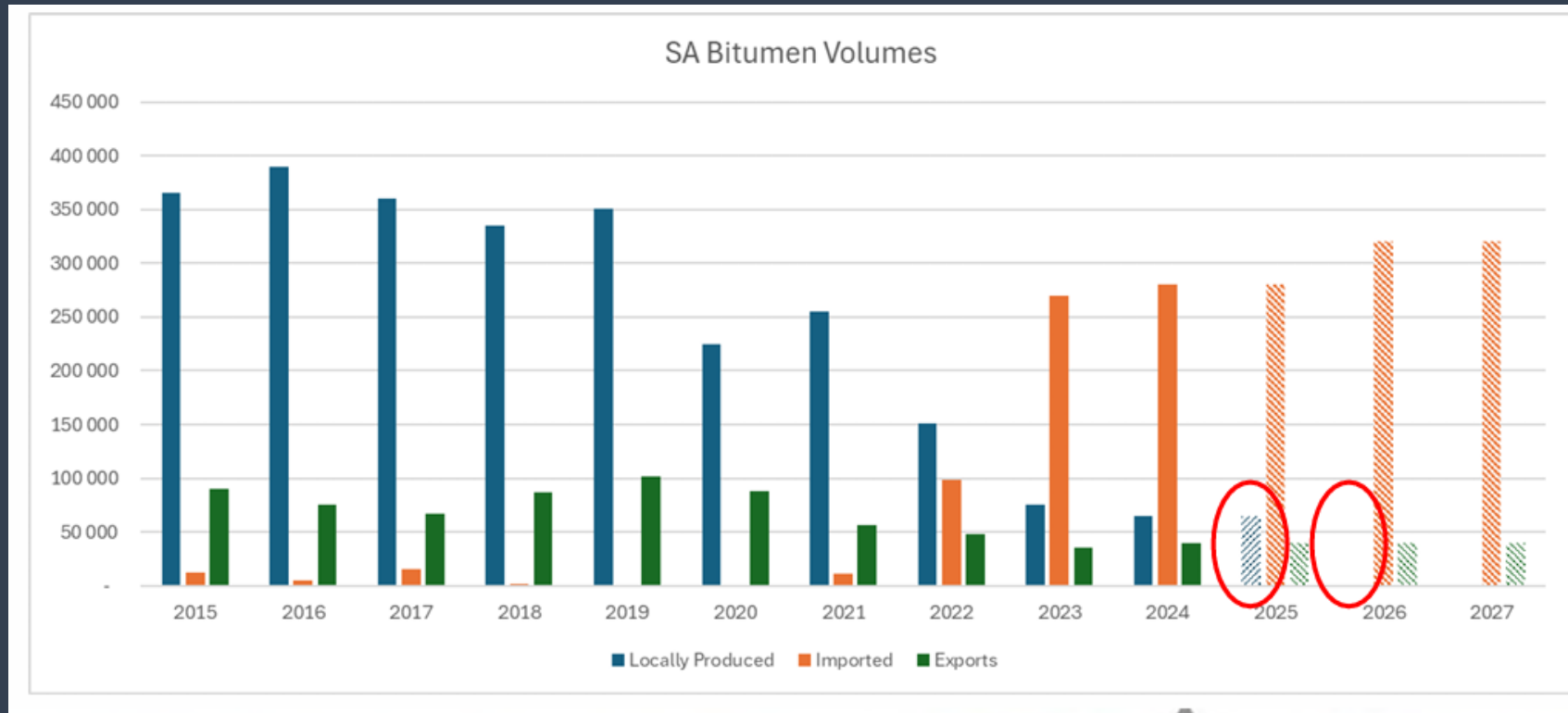
10:30 – 10:50

Bitumen Imports – status quo and open moderated discussion – *Mr. Fanie Loubser (COLAS - Business Unit Manager – Bitumen).*

10:50 – 11.10

Rubber Crumb for modified binder and Aggregate Supply Chain Demand on N2/N3 corridor – *Ms. Salome Naicker (SANRAL - Project Manager) / Mr. Krishna Naidoo (President – SAT, SANRAL – Project Manager)/ Mr. Xolani Mbatha (AfriSam - Regional Product Technical Manager).*

# QUALITY & HUMAN CAPITAL DEVELOPMENT



## RESOLUTION ONE

The RPF is requested to establish a WG(s) to facilitate the engagement between the bitumen importers and the road authorities to engage, discuss and plan issues related to quality and sourcing of bitumen, logistics and contractual matters such as special materials and rise and fall. (Note this may require two distinct WGs dealing with logistics and contractual matters).

# QUALITY & HUMAN CAPITAL DEVELOPMENT

11.30 -13:00



**QUALITY AND HUMAN CAPITAL DEVELOPMENT – Chair – Ms. Melanie Hofmeyer (SARF – Deputy President)**

Sample Preparation - Defined by SANS3001-GR30:2024 & The TRH20 - The Normalisation of the Grading Material – Ms. Natasya van Rooi (*Power Construction – Power Laboratory Manager*)

Training Initiatives/Issues in the Industry – *Mr. Zain Babamia (SANRAL - Pavement & Materials Engineer).*

Quo Vadis training materials, qualifications and feedback on recent RMF special meeting – *Mr. Hilton Scholtz (CoCT - Director of Roads Infrastructure Management).*

SANRAL Research Panel progress – *Dr Elna Fourie (SANRAL R&D Manager)*

Progress on pilot and establishing University/Industry Research Forum – *Professor Kim Jenkins (University of Stellenbosch - Professor in Pavement Engineering, SANRAL Chair in Pavement Engineering)*

13:00-14:00

LUNCH – SPONSORED BY MUCH ASPHALT

# QUALITY & HUMAN CAPITAL DEVELOPMENT

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- Erratic Work packages roll-out
- Availability of Resources
- “Predatory Pricing”

Newer Test methods published  
PG Binder  
Manual 35  
New product  
developments?

Slow roll-out of publishing of  
SANS 3001 updates

- Materials and Quality not attractive enough?
  - Materials Testers
  - Laboratory Managers
  - Quality Assurance Managers
  - Materials Technicians
- Ongoing investments into development

# QUALITY & HUMAN CAPITAL DEVELOPMENT

Research Focus Area 1	Asset Management
Research Focus Area 2	Geotechnical
Research Focus Area 3	Future Transportation
Research Focus Area 4	Pavements
Research Focus Area 5	Drainage & Hydraulics
Research Focus Area 6	Structures
Research Focus Area 7	Traffic
Research Focus Area 8	Road Safety
Research Focus Area 9	Transportation Planning
Research Focus Area 10	Environment
Research Focus Area 11	Communications
Research Focus Area 12	Public Administration & Management
Research Focus Area 13	Economics
Research Focus Area 14	Legislation
Research Focus Area 15	Technical Innovation
Research Focus Area 16	Electrical/Mechanical

STATUS	Count of STATUS
IN PROGRESS	15
COMPLETED	12
PROJECT PROPOSAL RECEIVED	7
APPROVED BY RIAC	4
CANCELLED	1
PROJECT PROPOSAL PENDING	1
<b>Grand Total</b>	<b>40</b>

Actual investment to date is R109 879 618.00

# QUALITY & HUMAN CAPITAL DEVELOPMENT



**Establishment of a Forum for Industry-University Regional Initiative  
enabling Students' Participation and improved Research Benefits**



**Sabita: Regions Participating in Workshops – Western, Eastern and Central**  
*Consolidated Report on Workshops: April 2025*

**South African University & Industry Research Forum**



## Resolution

The RPF requests that the University/Industry Forum look at broadening the research focus to include other transportation issues.

# STANDARDS & GUIDELINES

14:00 -15:30



## **STANDARDS AND GUIDELINES: STATUS REPORTS – Chair – Ms. Joanne Muller (SAT- Vice President) - SESSION SPONSOR – NATIONAL ASPHALT**

New manual development – SMA – *Mr. Piet Myburgh (Sabita – Consultant)*

COTO/RMC Feedback – *Mr. Krishna Naidoo (SAT - President, SANRAL – Project Manager)*

RPF Bituminous Materials Committee – *Mr. Krishna Naidoo (SAT - President, SANRAL – Project Manager)*

SANS 1083 Review – *Mr. Nithianand Pillay (Regional Product Technical Manager – AfriSam)*

PG Specifications – Update – *Mr. Phil Hendricks (CEO Sabita), Mr. Georges Mturi (Chair - SABS/TC081/SC08), (Mr. Steph Bredenhann (Naidu Consulting Principal Specialist Pavement Engineering & Construction))*

TG1 Use of Modified Bituminous Binder in Road Construction – Revision – *Mr. Andrew Geel (bvi – Director – Design Centre Lead)*

Manual 19 Guidelines for the design, manufacture and construction of bitumen rubber asphalt wearing courses – Revision – *Mr. Steph Bredenhann (Naidu Consulting Principal Specialist Pavement Engineering & Construction).*

Manual 5 Guidelines for the manufacture and construction of hot mix asphalt – *Mr. Greg Reynolds (At Road Construction, Stellenbosch Division, Mpumalanga)*

# STANDARDS & GUIDELINES

15:50 -17:00

**TECHNOLOGY TRANSFER – Chair – Ms. Sekadi Phayane-Shakhane (SAICE – CEO)**  
**SESSION SPONSOR – TOSAS**



15:50 – 16:10

Opportunities for Green concrete in pavements - an update – *Dr. Abdolhossein Naghizadeh (University of the Free State – Senior Lecturer).*

16:10 – 17:00

Conferences Update:

16:10 – 16:20

SATC 2025 – *Mr. Pieter van Niekerk (Director - ATC Board)*

16:20 – 16:30

SARF 2026 – *Ms. Melanie Hofmeyer (SARF – Deputy President).*

16:30 – 15:40

SAT Binderrr 2026 – *Mr. Nik Benning (SAT – Hon. Sec.).*

16:50 – 17:00

CAPSA 2027 – *Mr. Mahendren Manicum (Naidu Consulting – MD).*

17:15

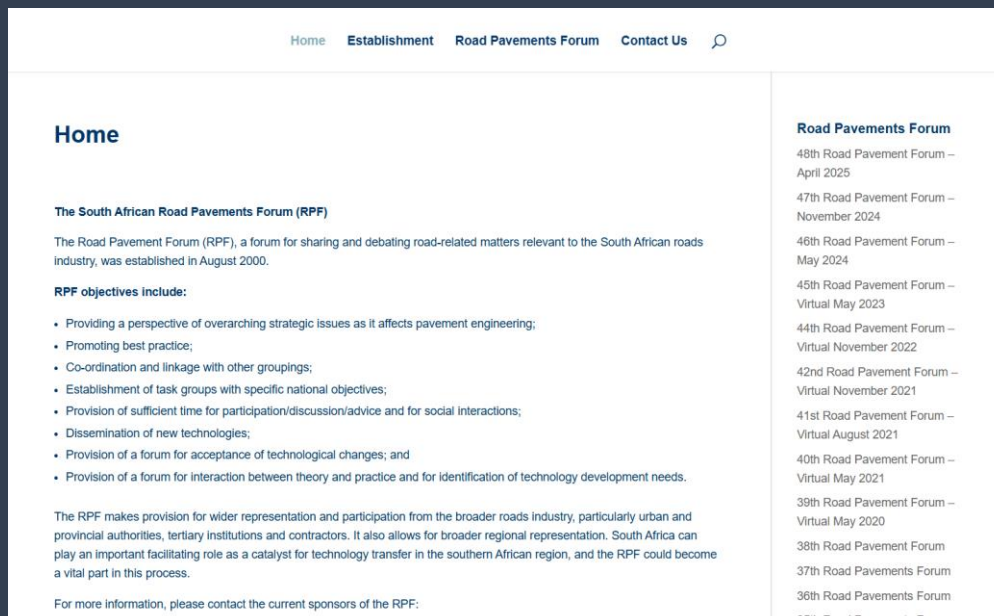
**COCKTAIL PARTY – Chair - Ms. Nomsa Dlamini (CSIR - Executive Manager for the CSIR Smart Mobility) - COCKTAIL SPONSOR iX, SNA**

# RESOLUTIONS – 9<sup>th</sup> April 2025 and LINK



## Resolution

The RPF is charged to support the NDoT to conduct a special Workshop on Climate Change, carbon tax and the associated implications.



<https://rpf.csir.co.za/>