



ROAD PAVEMENTS
FORUM



FEEDBACK ON 48th RPF – APRIL 2025



BACKGROUND



- 48th 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

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

AGENDA

WEDNESDAY 9 APRIL 2025

09:00-09:30 REGISTRATION

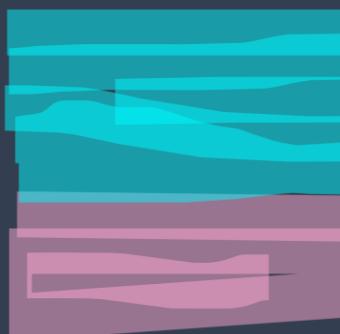
09:30-10:30 KEYNOTE SESSION – Chair Mr. P. Hendricks (Sabitac CEO)

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)*.

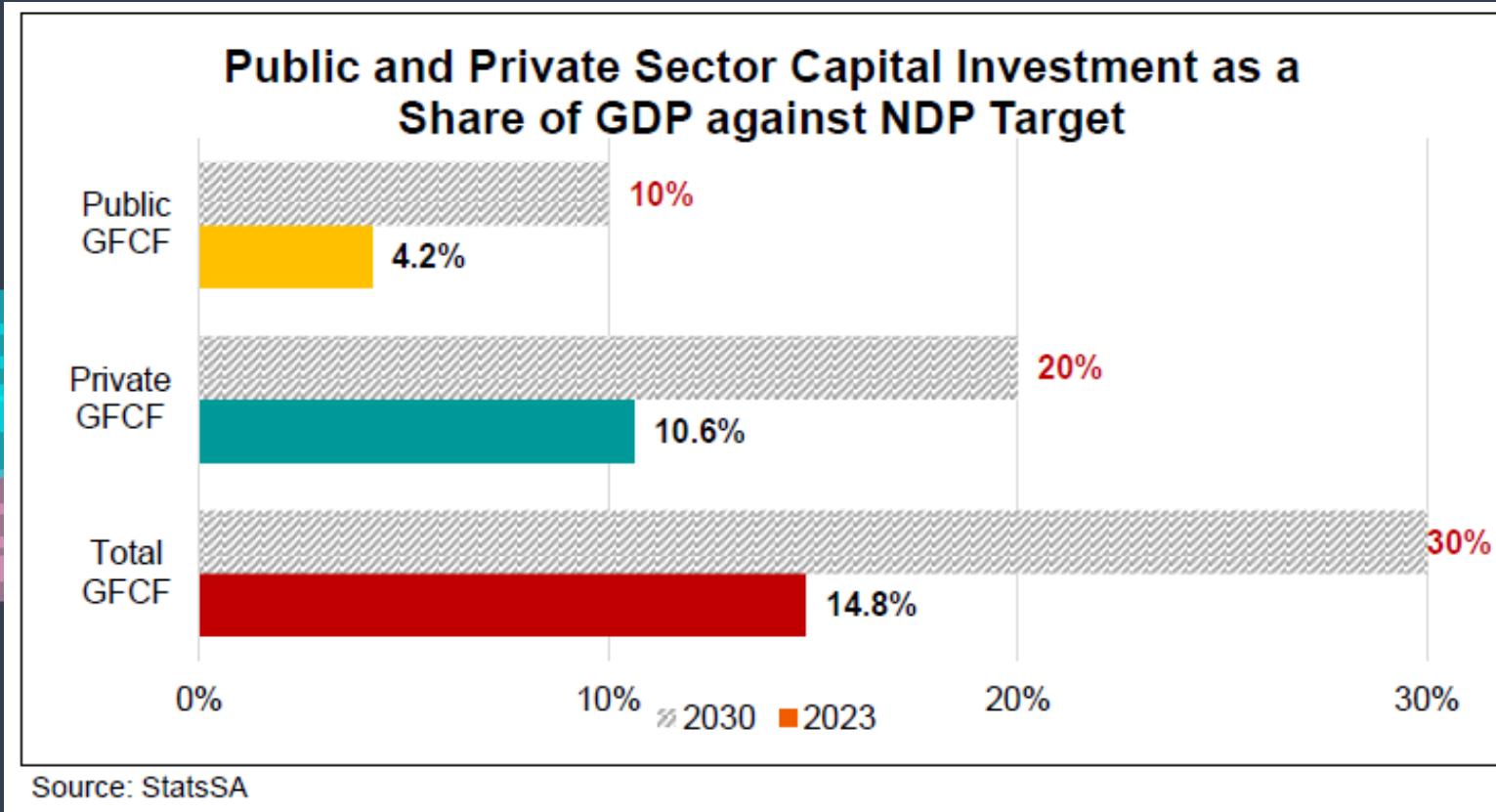
KEYNOTE SESSION



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
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

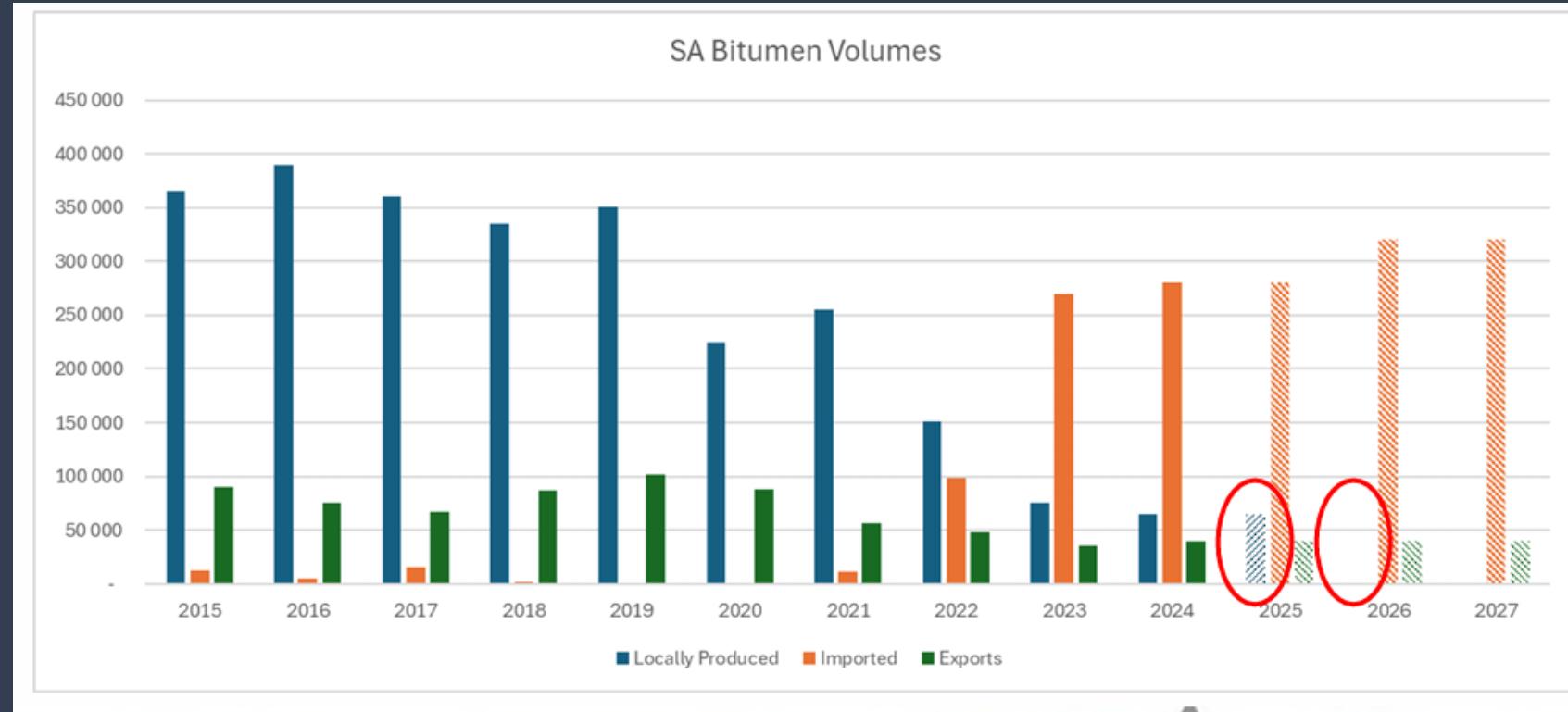
10.30 -11:10 **QUALITY AND HUMAN CAPITAL DEVELOPMENT** - Chair - Ms. Melanie Hofmeyr (SARF - Deputy President) - SESSION SPONSOR ROMH



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)*

QUALITY & HUMAN CAPITAL DEVELOPMENT

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

Slow roll-out of publishing of
SANS 3001 updates



- Erratic Work packages roll-out
- Availability of Resources
- “Predatory Pricing”
- 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
Grand Total	40

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 Pta (Pty) Ltd – Division Manager)*

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)*.

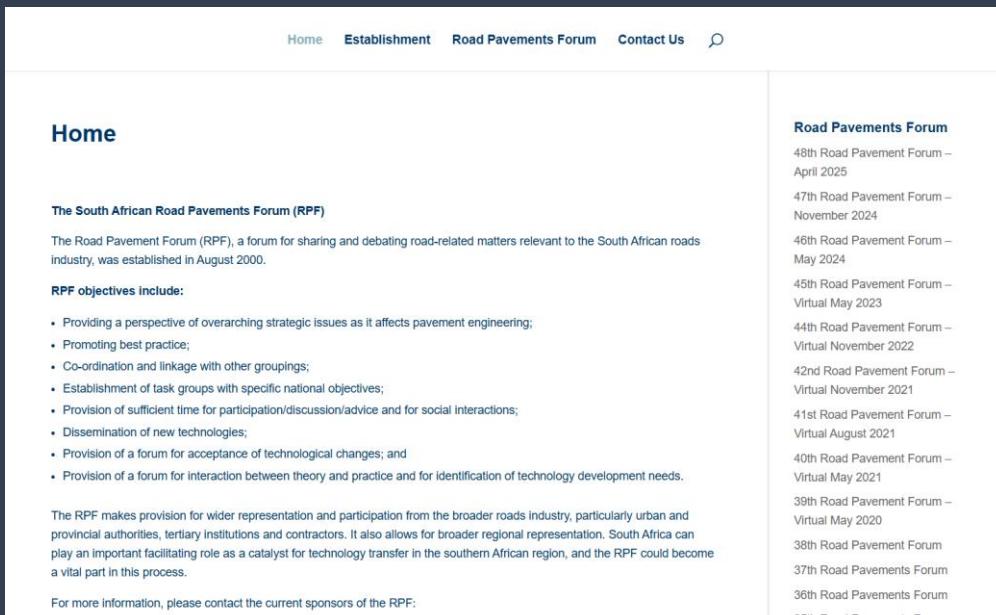
17:15 COCKTAIL PARTY – Chair - Ms. Nomsa Dlamini (CSIR - Executive Manager for the CSIR Smart Mobility) - COCKTAIL SPONSOR iX, SNA

RESOLUTIONS – 9th 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.

A screenshot of the RPF website homepage. The header includes a navigation bar with links for 'Home', 'Establishment', 'Road Pavements Forum', 'Contact Us', and a search icon. The main content area has a 'Home' section with text about the RPF's objectives and a list of its forums. The 'Road Pavements Forum' section lists the dates for various forums from 2020 to 2025.

Home

The South African Road Pavements Forum (RPF)

The Road Pavement Forum (RPF), a forum for sharing and debating road-related matters relevant to the South African roads industry, was established in August 2000.

RPF objectives include:

- Providing a perspective of overarching strategic issues as it affects pavement engineering;
- Promoting best practice;
- Co-ordination and linkage with other groupings;
- Establishment of task groups with specific national objectives;
- Provision of sufficient time for participation/discussion/advice and for social interactions;
- Dissemination of new technologies;
- Provision of a forum for acceptance of technological changes; and
- Provision of a forum for interaction between theory and practice and for identification of technology development needs.

The RPF makes provision for wider representation and participation from the broader roads industry, particularly urban and provincial authorities, tertiary institutions and contractors. It also allows for broader regional representation. South Africa can play an important facilitating role as a catalyst for technology transfer in the southern African region, and the RPF could become a vital part in this process.

For more information, please contact the current sponsors of the RPF:

Road Pavements Forum

- 48th Road Pavement Forum – April 2025
- 47th Road Pavement Forum – November 2024
- 46th Road Pavement Forum – May 2024
- 45th Road Pavement Forum – Virtual May 2023
- 44th Road Pavement Forum – Virtual November 2022
- 42nd Road Pavement Forum – Virtual November 2021
- 41st Road Pavement Forum – Virtual August 2021
- 40th Road Pavement Forum – Virtual May 2021
- 39th Road Pavement Forum – Virtual May 2020
- 38th Road Pavement Forum
- 37th Road Pavements Forum
- 36th Road Pavements Forum

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