

# 2<sup>nd</sup> Road Maintenance Forum – 05 October 2022



## Introduction

✓ Background of the Forum

✓ Objective of the Forum





## 2<sup>nd</sup> Road Maintenance Forum – 05 October 2022



Authority	Paved	Gravel	Total
<b>SANRAL</b>	<b>22,262</b>	<b>0</b>	<b>22,262</b>
Provinces – 9	46,511	226,273	272,782
Metros – 8	51,682	14,461	66,143
Municipalities	37,680	219,223	256,903
<b>Total</b>	<b>158,124</b>	<b>459,957</b>	<b>618,081</b>
<b>Unproclaimed (estimated)</b>		<b>131,919</b>	<b>131,919</b>
<b>Estimated total</b>	<b>158,124</b>	<b>591,876</b>	<b>750,000</b>



## 2<sup>nd</sup> Road Maintenance Forum – 05 October 2022

### RSA' Road Network Jurisdiction

National = 3%

Provincial = 36%

Metros = 9%

District & Local Municipalities = 34%

Unproclaimed = 18%





# 2<sup>nd</sup> Road Maintenance Forum – 05 October 2022



## Roads Review 2020 (Sabita)



### A perspective of the South African road network and its impact on the bituminous product industry.....



Table 11: SANRAL Pavement condition 2020

Condition	Very good	Good	Fair	Poor	Very poor
% Network	14.5	43.9	35.2	6.1	0.3

Source: SANRAL





# 2<sup>nd</sup> Road Maintenance Forum – 05 October 2022

## Roads Review 2020 (Sabita)



**Table 12: Paved provincial roads condition 2017**

Condition	Very good	Good	Fair	Poor	Very Poor
Length (km)	8,272	10,914	13,995	10,132	5,629
% of Network	16.9	22.3	28.6	20.7	11.5

Source: Ross





## 2<sup>nd</sup> Road Maintenance Forum – 05 October 2022



### Roads Review 2020 (Sabita)



**No definitive information on the condition**



***of district & local municipal roads***





## 2<sup>nd</sup> Road Maintenance Forum – 05 October 2022

### Background to The “Roads Maintenance Forum”



- 16 November 2021 : Concept of a SAT RRM Workshop put together and circulated to select individuals
- 02 December 2021 : SAT initiative for a workshop – RRM planning group met (1st Steering Committee)
- February 2022 : First National Roads Maintenance Indaba took place (NDoT)
- 07 February 2022 : 2<sup>nd</sup> RRM Steering Committee met – Sabita assumed leadership of creation of RMF
- 08<sup>th</sup> March 2022 : 3<sup>rd</sup> RMF Steering Committee met – more role players invited
- 07 April 2022 : 1<sup>st</sup> RM Forum took place on line with new sponsors.....topics agreed for discussion:
  - Systems ... Materials ... Quality ... Laboratories ... Resolutions
  - 13 panelists ... 348 delegates ... 144 others who could not attend (total registered = 505)
- 12<sup>th</sup> August 2022 : 4<sup>th</sup> RMF Steering Committee met
- 17<sup>th</sup> August 2022 : SAT Eastern Region held a workshop on  
*“Road Maintenance: Current Standards, Best Practice & Innovation”*  
7 panelists ... 44 on-line delegates ... 55 in-person delegates





## 2<sup>nd</sup> Road Maintenance Forum – 05 October 2022

### Objectives of The “Roads Maintenance Forum”

The overall objective of the RMF would be to....

- serve as a forum for the *exchange of information* and *technologies* and
- to discuss issues *of strategic importance* to the roads construction industry, focusing in particular on road maintenance.

The RMF should enable *wider representation* and participation from the broader roads industry, particularly urban, rural, provincial authorities, and emerging contractors.

It could also allow for *broader regional representation* through playing a facilitating role as a catalyst for *technology transfer* in the southern African region.







## 2<sup>nd</sup> Road Maintenance Forum – 05 October 2022

### Objectives of The “Roads Maintenance Forum”

Specific goals to be achieved by the RMF include:

- Providing a perspective of overarching **strategic issues** as it affects road maintenance;
- Promoting **best practice** in RM - particularly training of emerging contractors;
- 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**;
- Provision of a forum for interaction **between theory and practice** and for identification of technology **development needs**





*So, here we are, one year after the start of the initiative.....*

***2<sup>nd</sup> Road Maintenance Forum – 05 October 2022***



## Programme:

Welcome background & objective – (SAT) – John Onraët

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### Systems (Krishna):

Operation Vala Zonke - National Campaign Update (Louw Kannemeyer))

Road Maintenance Reflections – Policies before Roads (Mike Pinard)

Preventative Maintenance Strategies (Hilton Scholtz)

**SANRAL, IMESA & SAT**

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### Materials (Herman):

When Is It Too Late to Patch?(Martinus Wilkens)

Fit for Purpose Approach to Maintenance (Phil Paige-Green)

**CESA & SARF**

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### Quality (Phil):

Products – Certification processes and Quality Control (Abe Stears)

Quality Expectations from New Contractors/SMMEs (Mampho Sotshangaye )

Sabita – Training Materials available (Phil Hendricks)

Practical service provider training for road maintenance (TBC - Tjeka Training or SAVE)

**SAFCEC/SABITA**

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### Laboratory (Basil):

Commercial Laboratory Support to Road Maintenance Industry (Wim Hofsink to present

*incorporating views also of CSIR, SRT, RoadLab)*

**SAT/SARF**

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### Resolutions