

Operations Director's Report- SARF 72nd AGM Meeting held in Cape Town and via MS Teams on 17 November 2022

This report provides a broad overview of SARF operational activities since the SARF 71st AGM held in Gqeberha and via MS Teams on 18 November 2021

This Report will be presented by reporting on the Strategic Clusters, Objectives and Actions as identified in the SARF Business Plan.

A Stakeholder engagement

A1 Establish a broad membership base representing road users and providers.

*Since the 2021 SARF AGM meeting **Thirty-five** new individual members joined SARF, **Two Class A Member-EBS** GPD ARIA and Roadspan Surfaces PTY Ltd **FOUR Class B Members:** Sky High Consulting, Innovative Transport Solutions, VKE Namibia Consulting Engineers, Bently Systems International Limited and **Seven Class C Members:** Holeni Construction, Dipabala Solutions, Refilwe Engineering Solutions, Impumelelo Consulting Engineers (Pty) Ltd, Quantra Consulting SA (Pty) Limited, Phehla Konke Trading & Projects and Sejagobe Engineers and 3 Student members.*

During the same period there were 3 SARF Member resignations.

JX has signed up the Northwest Province Department of Public Works as a SARF Member; they want a number of the SARF Training courses for their engineering staff. They will also form part of the SARF Central Region which will include Free State, Northern Cape and Northwest provinces.

A2 Define membership needs and expectations.

A membership survey has been drawn up and has been sent to all the SARF Council Members

*SARF has been awarded a **Level 1 B-BBEE QSE** certificate for 2022 by SANAS approved certification body AOS. SARF Members who send their staff on SARF Technical training courses will be able to claim 135% of their training spend on SARF Technical Training courses.*

SARF is an ECSA Verified Services Provider as well as an ECSA CPD Licencing Body.

500 SARF 2022 Calendars have been distributed to SARF Members in all 4 SARF regions the 2023 SARF Calendars are being designed.

A3 Dissemination of relevant strategic information in respect of the road sector through regular contact and interaction with the print and electronic media

IRF Global webinars

SARF has purchased a once off licence from the IRF Global so that SARF can share all 50+ IRF Webinars with SARF Members:

- Protecting your Road Assets using Slurry Seal -10 May 2022
- How to improve Pavement Digitisation -18 May 2022
- Wednesday | August 24, 2022, 11:00 AM EST | 17:00 CET: Concrete pavement types & benefits – Dr. Jeff Roesler, UofI
- Wednesday | August 31, 2022, 11:00 AM EST | 17:00 CET: Concrete pavement design basics – Eric Ferrebee, ACPA
- Wednesday | September 7, 2022, 11:00 AM EST | 17:00 CET: Concrete pavement construction best practices – Leif Wathne, CPTech Center
- September 14, 2022 **Safer Road Work Zones with Efficient and Dynamic Positive barriers protection**
- September 21, 2022 **Delivering Effective Speed Reduction in Cities**

SARF LinkedIn Portal

The number of SARF LinkedIn followers has grown exponentially to **4250** from a humble 28. The SARF Regions have showcased their new members who have joined their respective committees over the past six months, the responses have been incredible. The SARF Regional Committees have also showcased their local seminars and Site visits to Asphalt Plants. Quarries, Bitumen Emulsion Plants as well as Road Material Testing Laboratories.

The SARF/IRF/PIARC Regional Conference for Africa in Cape Town received tremendous support from the Conference delegates via the SARF LinkedIn portal. SARF also ran three articles on the conference in the IMESA Magazine, these articles were also published in World Highways and Engineering News.

BJ was interviewed on Radio 786 in Cape Town wrt to the Pothole problem in South Africa after two papers that addressed the Pothole issue were presented at the SARF Conference.

SARF Website- Below is the number of unique visits to the SARF Website

Month	Number of visits	Pages	Sessions/User
22-Jan	16940	36515	2.15555
22-Feb	22930	48020	2.0942
22-Mar	25260	52370	2.07324
22-Apr	21030	42455	2.01878
22-May	23755	46215	1.94549
22-Jun	25240	55040	2.18067
22-Jul	21570	42560	1.97311
22-Aug	23100	44095	1.90887
22-Sep	18935	36125	1.90784
22-Oct	22080	42560	1.92754
TOTAL	220840	445955	2.01936

A4 Create opportunities for networking between members and other stakeholders

- *The 2022 SARF 7th Regional Conference for Africa in Cape Town 18 to 20 October 2022 was a wonderful networking opportunity for the 500 delegates and the 112 people from the 41 exhibition stands who exhibited at the conference.*
- *SARF Regional Member's Forum; - industry experts share relevant local road knowledge with SARF members each Forum meeting has a networking session afterwards.*
- *SARF Regional Committee meetings; SARF members have an opportunity to meet with National, Provincial and Local Road authorities, Road furniture suppliers, Consulting Engineers and Contractors.*
- *Road Pavements Forum: - SARF Members attend Free of Charge and can network with many engineers in the Roads industry.*

A5 Form alliances to achieve common goals.

- *SARF has been invited to serve on the 2022 SAFE (The South African Forum for Engineering) committee. BJ is part of this committee. SAFE represents all engineering VA's in South Africa Issues that are relevant to all Engineering VA's are discussed. Topics covered are: SAFE's engagement with SABS, Work Integrated Learning, Identification of Engineering Work (IDoEW) and Fee Guidance, ECSA Registration Fees, Initiatives to kick-start the Construction Sector.*
- *SARF received support from the International Road Federation (Geneva) and PIARC (World Roads Association) for the 2022 SARF 7th Regional Conference for Africa scheduled for 18 to 20 October 2022.*
- *CESA has approached SARF to sign a MoU both organisations will work together to promote seminars and conference and common events.*
- *IRF Geneva are promoting the SARF virtual Training courses to their members in Africa and Europe.*
- *The RTMC asked SARF to run a Traffic Calming workshop on their behalf on 18 May.*
- *SAFCEC asked SARF to run the High Level COTO Document course for their members, SARF has also invited the City of Cape Town to attend.*
- *IMESA NR approached BJ to provide speakers to present at their AGM and Seminar on 29 August.*

B Sustainable funding for road provision

B1 Explore and develop appropriate and sustainable road funding / financing models.

The SARF Communications committee has developed a Road Funding Animated Video this video was shared with the delegates who attend the Road Pavement Forum meeting on 5 May, it was also be shared with the SARF members through the SARF Website and Linked in page, the Road Funding AV was shared with the man in the street through Social Media platforms.

The Western Cape Road User Charge Forum has asked SARF through Prof Stephan Krygsman to use the SARF Road Funding video in their promotional material.

B2 Promote appropriate administration of public funds to enable efficient application in road provision and preservation.

SARF Road Funding AV has given industry and the man in the street a better understanding on how public funds is used to fund both new Road construction and maintenance of roads.

B3 Create public awareness of the value of adequate and well-maintained roads.

SARF is one of the members of the Road Maintenance Forum organising committee; two virtual workshops were held in 2022 the first one was held on 8 March and the second one on 5 October, both courses were very well attended by +/- 300 delegates

C Safety in road provision and use

C1 Assemble and disseminate information on the state of road safety.

BJ has been asked to present feedback on the Mogale City Road Safety Schools project at the SATC Conference at the CSIR CC on 7 July.

BJ was asked to give short presentation on the Botnar project for the of Anglo America Limpopo Road safety Programme – Tech Steering Committee on 28 October 2022.

C2 Learner education through local and international partners

- *The SARF Northern Region's committee has investigated the infrastructure improvement of the Rose Park Junior Traffic Training Centres in Gauteng, once this is done, children will receive Road Safety training by the relevant Traffic Department officials.*
- *The SARF Council has allocated R100 000 towards the purchase of Container offices and ablutions for the SARF Western Cape JTTC.*
- *The SARF Council has approved R30 000 for prize money for the winning children's entries in the 2022 SARF KZN Regional Poetry and Essay competition that is jointly hosted by SARF and the ETA.*

C3 Public education for road users and NMT

The SARF Road Safety Committee nominated a sub-committee that created a virtual NMT Seminar that was presented on 12 April 2022. This was a national SARF seminar that was shared widely not only to the SARF Members but also the NDOT, SANRAL and RTMC. The NMT sub-committee aimed to share the best NMT practice and challenges faced by City of Cape Town, eThekweni and Johannesburg with the roll out of NMT facilities in their Metros. Local NMT and Universal Access experts presented at this seminar.

This seminar was attended by **234 Delegates** and the feedback received from the delegates was very positive. SARF invited all these delegates to attend the SARF NMT Course from 1 to 3 June 2022.

D Capacity development in the road sector

D1 Adequate skills in the roads industry through establishing training and education needs and presenting courses to meet these needs.

BJ has secured and introduced the following new SARF Technical Training courses:

- **Getting Acquainted with being a Resident Engineer**-Jan Bierman- 30 June to 1 July 2022
- **Asset Management**- Mervyn Henderson - 21 July 2022.
- **Road Safety Engineering Course** -The SARF Road Safety Committee through Basil Jonsson have requested Siegfried Grosskopf and Klaus Smit to develop a Road Safety Engineering course.
- **HDM-4 Course** – Andrew MacKeller (SANRAL HO) supported by Prof Alex Visser on the practical applications of HDM-4. 16 and 17 August 2022.
- **Pavement Management Systems** -Tinus van Heerden
- **TMH9 Visual Inspection of Pavements** - WCPG Department of Roads and Transport

BJ secured the support of IRF Geneva who are advertising the SARF Courses to their members. All SARF Courses are advertised in US\$ in the SARF Website for the international delegates.

The South African Road Federation will be upskilling 75 Female Civil engineers in the 8 local South African Metros

SARF has received funding from the Royal Academy of Engineering in the United Kingdom to upskill **75** female Civil Engineers, Technologists or Technicians at no cost to your Metro on 4 Engineering Council of South Africa accredited Continuously Professional Development (CPD) Training Courses from November 2022 to April 2023.

SARF plans to train **75** Female Civil Engineers, Technologists or Technicians on 4 Virtual Technical Training courses from the 8 South Africa Metros. The 4 Technical courses have been specifically chosen to give female engineers from the 8 Metros a broad understanding of the technical skills required to better understand the relevant Civil engineering requirements of a Local Authority.

The following 4 Technical Training Courses will be offered:

- 1 Introduction to Road Materials Engineering- 2 Days 2 CPD Points
- 2 Gravel Road Design, Construction and Maintenance- 2 Days 2 CPD Points
- 3 Design and Construction of Surface Treatments- 3 Days 3 CPD Points
- 4 Urban Stormwater Management, Design and Construction- 2 Days 2 CPD Points

D2 Investigate alternative up-to-date teaching techniques.

SARF has converted +/- 54 Training courses to the Microsoft Teams platform currently 94% of SARF Courses are presented virtually.

D3 Student support for studies congruent with the aims of SARF

SARF Bursary committee met on 14 December 2021 and a second meeting was held on 1 February 2022 to evaluate the bursary requests received for 2021. 51 Applications were received 25 Bursaries were awarded the value is R275 000. Bursaries have been paid to date to the value of R225 000.