



SACEA

PROFESSIONAL
DYNAMIC
VALUE ADDING

SOUTH AFRICAN COLLIERY ENGINEERS' ASSOCIATION

40th
ANNUAL REPORT OF THE COUNCIL
FOR THE YEAR ENDED 31 DECEMBER 2019



SACEA
PROFESSIONAL
DYNAMIC
VALUE ADDING

SOUTH AFRICAN COLLIERY ENGINEERS' ASSOCIATION

**40th ANNUAL REPORT OF THE COUNCIL
FOR THE YEAR ENDED 31 DECEMBER 2019**

COUNCIL 2019

President

M Hyra
Coal Mine Management Services

1st Vice-President

A Small (Prinsloo)
Anglo American Coal

2nd Vice-President

Hendrik Lombard
Exxaro Coal (Pty) Ltd

Immediate Past President

P E Mojalefa
Anglo American Coal

Regional Chairpersons

Northern Region

Mazwi Buthelezi
Sasol Mining (Pty) Ltd

Limpopo Region

D Christie
Exxaro Coal South Africa

Elected Members

Aldine Bezuidenhout
Sasol Mining (Pty) Ltd

Louis Botha
Sasol Mining (Pty) Ltd

Darryl Christie
Exxaro Coal (Pty) Limited

Jan Coetzee
Anglo Operations (Pty) Ltd

Louis Delport
Sasol Mining (Pty) Ltd

Jan Diedericks
Glencore Operations South Africa (Pty) Ltd

Francoise du Preez
Seriti Coal (Pty) Ltd

Dave Gravett
CTC (Observer)

Fefa Moleleki
Anglo Operations (Pty) Ltd

Bontle Mtshengu
Exxaro Coal (Pty) Ltd

Johannes (Stompie) Nel
Exxaro Coal (Pty) Ltd

Johannes Nkosi
Anglo Operations (Pty) Ltd

Jerris Subermoney
Sasol Mining (Pty) Ltd

Tejal SunkerJ Subermoney
Sasol Mining (Pty) Ltd

Louis Turvey
Exxaro Coal South Africa

Schalk Van Wyk
Sasol Mining (Pty) Ltd

Henk Zwart
Private Member

Association Secretary

Raymond van der Berg
MPAS Manager



REPORT OF THE COUNCIL FOR THE YEAR ENDED 31 DECEMBER 2019

The annual report presented to members of the Association on the occasion of the Fortieth Annual General Meeting held at the Middelburg Country Club on Friday, 7th February 2020.

STRATEGIC PROCESS

Your Council has continued to focus on the Association becoming an effective role player in the Coal Mining Industry. This process is ongoing from previous years as the Council wished to ensure that the Association is effectively marketed and participates in the preparation of new legislation, Codes of Practice, compliance to newly promulgated legislation as well as safety targets set by the Mining Industry.

A strategic planning session was held in February 2019 to set out the Association's interaction with its various stakeholders during the year.

The President and Council representatives met with the Heads of Engineering from the major Mining Houses to discuss, get direction and inputs to the Association's strategic plan for 2019.

The President and Vice Presidents gave feedback during the year to the Principal Inspectors, SACMA Councils and the Heads of Engineering from the Groups on the priorities and progress on the activities of SACEA.

These interventions continue to grow in importance and provides a unique opportunity to network with the Mining Houses representatives and the Department of Mineral Recourses.

FINANCE

The financial statements appended to this report indicate that income for the year amounted to **R1 400 873** made up of subscriptions received during the year from Full, Affiliate and Candidate members, Presidential function, interest received from investments, Safety Workshops, GCC Workshop Technical Symposium and the Golf day.

Expenditure amounted to **R 1 178 962** giving a surplus of **R 221 911**.

Accumulated funds of **R 1 080 586** will be carried forward to the new financial year.

The successful technical symposium continues to generate funds for the Association and thanks to the highly motivated team for making it a continued success.

Safety workshops were held during the year.

As part of the Association's objectives a successful golf day was held in November 2019. These events also promoted fellowship amongst members.

The Council thanks Mr L D Botha for his excellent work in making the golf day so successful.

The accumulated funds have been used to fund the Association's initiatives as well as amounts of R 25 000 has been donated to Kosmos Kinderhuis and Sonneblom Pleegsorg organizations from Kriel in Mpumalanga. The Council regularly strategizes on how to make best use of the surplus for the general advancement of the Association.

MEMBERSHIP

The membership of the Association as at 31 December 2019 was **389** (360), made up of **195** (187) Full members, **37** (35) Affiliate members, **129** (111) Candidate Members, **12** (11) retired members, **15** (15) Honorary Life members and **1** Honorary Associate Member.

There has been an increase **8%** in comparison to the previous period.

Council records that the percentage registered with ECSA as full members (having voting rights) still complies with ECSA's requirement for SACEA to be recognized as a voluntarily Association with ECSA. However, a number of members need to join ECSA and others to upgrade their ECSA membership from candidate to full members. There are **198** (188) members registered at some level with ESCA (**107** professional engineers and **91** candidates).

MEETINGS

In addition to the monthly meetings of Council, regular Regional Meetings were held during the year and feedback from members through their Regional Representatives and Council members, provided valuable assistance to the workings of Council.

The User Groups (Opencast, Underground and Plant) had a successful year with regular meetings. Each User Group has a Council appointed member who ensures regular meetings and visits of interest.

The Council, Workshops, the Regional Meetings, a General Meeting and Joint Meetings with the Association of Mine Resident Engineers (AMRE) and the South African Coal Managers Association (SACMA) were well supported during the year and shows the commitment by members to the Association.

The President was invited to attend Council Meetings of the South African Colliery Managers' Association and wishes to thank its President, Mr O van der Merwe for assisting in maintaining close ties between the two Associations.

YOUNG TALENT

The SACEA Young Talent forum which was established in 2012 was maintained during the year ensuring that SACEA remains a prominent Association which creates value to the Engineering Professionals in Training (PIT's).

The annual GCC workshop was held in May and the Association of Mine Resident Engineers (AMRE) arranged a similar event in October to assist PITs gaining exposure, signing off their Annexure E requirements and networking.



These events were well supported and beneficial to the members who participated.

MEETINGS OF PRESIDENTS AND VICE-PRESIDENTS

These meetings provide the management of the Mine Professional Associations' Secretariat (MPAS) to manage and organize the day to day work of MPAS under the guidance of the Chairman, Mr A Brown, as well as a useful forum where matters of mutual interest and concern have been addressed with the meeting being held every third month of the year.

SAFETY AND HEALTH

MINE SAFETY ACHIEVEMENTS

The Association through Council continues to place a high priority on safety improvements, risk assessment and the elimination of accidents. Reports by members are made at all Association meetings and the DMR is invited to Regional meetings and Safety Workshops to address members. Council members participated in both opencast and underground RTF meetings throughout 2019.

Congratulations to the management and staff of all the mines who had safety achievements during 2019. These achievements will be acknowledged at COALDAFE 2020.

SAFETY WORKSHOP

The Council arranged a safety workshops to focus on topics identified during the Strategic session.

The workshop was on 31 May 2019 and addressed Electrical Safety with workshop topics being:

- Increased Safety Initiatives on NON-FLP & FLP Electrical Equipment
- Lessons Learnt from past Electrical Incidents
- ARP 0108— Regulatory Requirements for Explosion-protected Apparatus

Comprehensive discussion sessions followed the presentations made at the workshop which was beneficial to delegates and the foundation for greater understanding and networking.

2019 COLLIERY HEALTH AND SAFETY CAMPAIGN (COALSAFE)

Your Association has once again been actively involved in the 2019 Colliery Safety and Health Campaign and remains fully committed to the Campaign's ideals for the promotion of safety and health in the Mining Industry.

SAMI SHE 2019

Your Association also took part in the South African Mining Industry Safety, Health & Environment Awards Day (SAMI SHE 2019) Industry Awards Day at the Emperors Palace Convention Centre on 25 October 2019. This event is a collaboration of hard rock and coal mines on safety, occupational hygiene, environment and community safety achievements.

MINING QUALIFICATIONS AUTHORITY (MQA)

During the year the Council received feedback from Mr D Gravett from Colliery Training College to be kept abreast of services offered in the training arena.

THE ENGINEERING COUNCIL OF SA (ECSA)

Your Association continues to keep abreast of developments at ECSA. Your representatives continue to participate in the ECSA registration committee.

The Association continues to meet its Voluntary Association (VA) status with ECSA and was granted the VA status until 2023.

OCCUPATIONAL, HEALTH AND SAFETY POLICY COMMITTEE (OH&SPC)

The main focus of this committee is to represent employer bodies at a Chamber level on redrafting of legal requirements and other issues that may affect the Industry. The recommendations of the Committee are taken to the Mine Regulatory Committee and from there to the Mine Health and Safety Committee.

One of the focus areas was the representation of the Industry at the DMR to review various regulations which were subsequently gazetted during the year.

CERTIFICATED MECHANICAL AND ELECTRICAL ENGINEERS (CM&EE)

The main focus of this committee is to represent employer bodies at a Chamber level on redrafting of legal requirements and other issues that may affect the Industry. The Recommendations are then submitted to OH&SPC.

PAPERS, PRESENTATIONS AND TECHNICAL NOTES

Council would again urge that members offer technical papers for presentation at SACEA meetings, besides being a valuable source for the dissemination of information, also serve as an educational tool for future engineers.

AWARDS SCHEME

The Council introduced an award's scheme in 2000, utilising the Association's surplus funds to promote the advancement of education within the engineering discipline of the Coal Mining Industry.

The best apprentice award for 2018/2019 at the Colliery Training College was awarded to M.C Gina at a prize giving function.

PRESIDENTIAL FUNCTION

The 2019 combined General Meeting and Annual Presidential Function was held from 27-28 September 2019 at the Cathedral Peak Hotel, Drakensberg. The function was attended by 57 members and provided an opportunity for members and their families to network and share information.



The successful Presidential function culminated with the traditional Black-Tie banquet on 28 September 2019.

REPRESENTATION

The Council wishes to express its appreciation to all the representatives and alternates who continued to give their time to ensure that the Association was well represented, and its views made known, in a most professional manner on various committees.

Marketing & Growth:

Prestige Recognition Committee:

MJ Hyra
E Mojalefa
A Small

Membership Drive:

L Turvey
S Nel

Communication Team:

T Sunker
A Small

Website, Newsletter, Golf Day

L D Botha

Presidential Function

MJ Hyra

Influencing Policy:

DMR Engagement

J Nkosi

ECSA

A Bezuidenhout

OH&SPC

J Diedericks

CM&EE

S van Wyk

Safety:

Safety Workshops

L Botha
S Van Wyk

Safety Committees

S Van Wyk
J Nkosi

Standards & Specifications Communication:

SAFA/SANS

H Zwart
J Coetzee
A Bezuidenhout

Good Practice Committee

S Van Wyk
H Lombard

Conveyors Committee

J Coetzee

PPE Standards Committee

B Mtshengu

Electrical Standards Committee

A Bezuidenhout

Competency defining & development

CTC (MOA) Committee

H Lombard
D Gravett

Leadership Competency

S Nel

GCC Committee and Commission of Examiners

PE Mojalefa

Young Talent Forum

F du Preez

Innovation

Innovation Committee

M Hyra
S Nel
L Turvey

HOE & EM Alignment

Engagements

M Hyra
A Small
L Turvey

Technical

User Groups

Opencast
B Mtshengu

Underground

T Sunker

Plant

J Coetzee
J Diedericks

Northern Regional Meetings

M Buthelezi

Limpopo Regional Meetings

D Christie

Technical Symposium

S Subermoney
A Small
S van Wyk

WEBSITE and COMMUNICATION

The Association's website address is www.sacea.org.za. The website gives members valuable information on Association as well as contact details for representatives on Council and other Committees. All technical presentations, calendar, communication sheet and upcoming events are uploaded.



Council wishes to thank communication team for launching and maintaining revamped SACEA website. It is indeed one of the highlights of past year organizational activities.

GOLF DAY

Council wished to place on record its thanks to Mr L D Botha for the organisation of the event and the sponsors who generously supported the occasion.

JOINT SACEA/AMRE GENERAL MEETING

The annual joint SACEA/AMRE General Meeting, hosted by SACEA, was held on 10 October 2019. This is proving to be a popular interaction between the two Associations.

JOINT GENERAL MEETING OF COAL ASSOCIATIONS

A Joint General Meeting was held on 28 November 2020 at Anglo American, Greenside, Witbank.

TECHNICAL SYMPOSIUM

The annual Technical Symposium were hosted on 25th July 2019 at the Portuguese Hall, Witbank. Twenty three exhibitors attended the event to exhibit their mining products aligned with the Symposium's theme.

The following papers presented were:

- Learnings from LHD PDS – Middelbult Colliery
- Industry 4
- Digitalisation – OpsEye
- Shaft Bottom Repairs
- Dragline Boom Repair
- Plant Structural Inspections
- Fire Detection for Underground Conveyors
- Management of Ventilation Underground

The Council wishes to thank all participants and sponsors.

The symposium was ideal opportunity to showcase knowledge of members of the Associations and allowed the opportunity to share knowledge and network.

ECSA continuing professional development credits were awarded for attendance.

TECHNICAL VISITS

Council will continue to seek out interesting and diverse technical visits for members, providing them the opportunity to experience other companies' operations.

During the year a number of Technical visits (arranged by the User Groups and the Young Talent Forum) were undertaken by members.

CONCLUSION

In conclusion the council wish to express their appreciation to all members for their continued support and invaluable input throughout the past year.

I would like to take the opportunity to thank the Council for the support and arrangements made for the SACEA golf day, organization of the Technical symposium, Safety workshop, GCC workshops and Strategic session.

Thank you to the various Chairmen of the regions and user committees. These events were very successful and a credit to the enthusiasm and passion of the Association.

To my colleagues and the Association's Secretary and Mines Professionals Associations' Secretariat for their valuable assistance and guidance throughout the year and for the professional manner in which the affairs of the Association have been administered.

M Hyra
SACEA PRESIDENT