



# SACEA

PROFESSIONAL  
DYNAMIC  
VALUE ADDING

# 41<sup>st</sup> ANNUAL REPORT

OF THE COUNCIL FOR THE YEAR ENDED  
31 DECEMBER 2020



# MPAS



(+27) 11 568 2050



raymondvdb@mpas.org.za



www.sacea.org.za



@SACEAofficial



---

## MESSAGE FROM THE PRESIDENT

ANNETTE SMALL



What a Year to be President!

When 2020 started I had so much plans for our Association. We were looking forward to interactions and traditional forums as we had done for the past 40 years.

Little did we know that everything would change. When the pandemic happened and our feet were kicked out, literally, from underneath ... we had to sit down as an Association and re-evaluate our VALUE. Our value to our members and our value to the industry... and we came to the conclusion that it is in times like THESE that our members and the industry needs us most!

Due to a robust and concrete Strategic session in Feb 2020 we were fortunate enough to be able to continue with our forums, themes and adding value to our members. We did not just continue, we thrived!

A few highlights of the year were:

- A total of **1166 attendees**, attending online events hosted by SACEA.
- A total of **514 attendees**, attending the SACEA Technical Symposium hosted over three days.
- A total of **12 online events** hosted by SACEA.
- Welcomed **16 new members** to SACEA.

Those of us who can look back on this time and remember inconveniences and even boredom can count themselves lucky. Many more will know real hardship and fear. Others still will be cut to the bone and while we turn to our loved ones and friends for comfort, think hard about those whose impact on your life is more distant, but no less meaningful. Memorialize in your heart the way in which these times reveal what really matters: the health and well-being of our loved ones, the resilience of our Association, and the sacrifices made by those—from doctors and engineers... to garbage collectors—who give their whole selves to serving other.

I am a proud member of the 2020 SACEA Council.

We remain committed to serving our members and look forward to an exciting (in whatever form!) 2021.



**SACEA**

PROFESSIONAL  
DYNAMIC  
VALUE ADDING

---

## COUNCIL

2020

### President

A Small (Prinsloo)  
Anglo Operations (Pty) Ltd

### 1st Vice-President

Hendrik Lombard  
Exxaro Coal (Pty) Ltd

### 2nd Vice-President

Mazwi Buthelezi  
Sasol Mining (Pty) Ltd

### Immediate Past President

M Hyra  
Coal Mine Management Services

Johannes (Stompie) Nel  
Exxaro Coal (Pty) Ltd

Jerris Subermoney  
Sasol Mining (Pty) Ltd

Tejal Sunker  
Sasol Mining (Pty) Ltd

Louis Turvey  
Exxaro Coal (Pty) Ltd

Schalk Van Wyk  
Sasol Mining (Pty) Ltd

Henk Zwart  
Private Member

---

## REGIONAL CHAIRPERSONS

### Northern Region

Johannes Nkosi  
Anglo Operations (Pty) Ltd

### Limpopo Region

D Christie  
Exxaro Coal (Pty) Ltd

---

## CO-OPTED MEMBERS

Sharon Botha  
Anglo Operations (Pty) Ltd

Dylan Fisher  
Anglo Operations (Pty) Ltd

Lebogang Ligudu  
Seriti Coal (Pty) Ltd

Martin Mabanda  
Eyethu Coal

Elizabeth Makoa  
African Exploration Mining

Vollie Nel  
Kwena Mining

Koos Pearson  
Mmakau Mining

Thato Thobedi  
Universal Coal

Etienne Visser  
Glencore Operations South Africa (Pty) Ltd

---

## ELECTED MEMBERS

Louis Botha  
Sasol Mining (Pty) Ltd

Jan Coetzee  
Anglo Operations (Pty) Ltd

Louis Delpont  
Sasol Mining (Pty) Ltd

Jan Diedericks  
Glencore Operations South Africa (Pty) Ltd

Dave Gravett  
CTC (Observer)

P E Mojalefa  
Anglo Operations (Pty) Ltd

Fefa Moleleki  
Mwelase Group of Companies

Bontle Mtshengu  
Exxaro Coal (Pty) Ltd

---

## ASSOCIATION SECRETARY

Raymond van der Berg  
MPAS Manager



## REPORT OF THE COUNCIL

### FOR THE YEAR ENDED 31 DECEMBER 2020

The annual report presented to members of the Association on the occasion of the Forty First Annual General Meeting held online on Thursday, 11 February 2021.

## 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 from 7-8 February 2020 to set out the Association's interaction with its various stakeholders during the year.

The President and Council representatives held a virtual meeting on 22 May 2020 with the Heads of Engineering from the major Mining Houses to discuss, get direction and inputs to the Associations' strategic plan for 2020. 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.

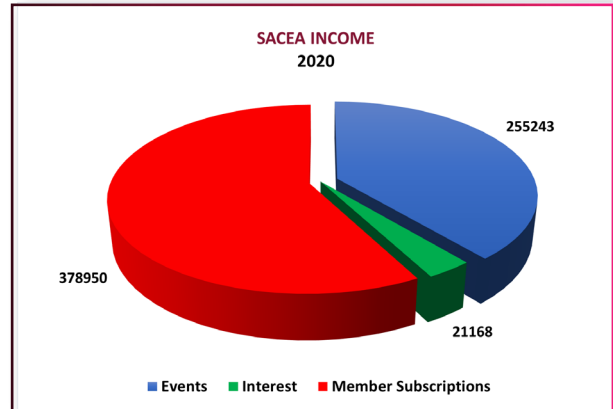
These interventions continue to grow in importance and provides a unique opportunity to network with the Mining Houses representatives and the Department of Mineral Recourses and Energy.

## FINANCE

The financial statements appended to this report indicate that income for the year amounted to **R 655 361** made up of subscriptions received during the year from Full, Affiliate and Candidate members, Presidential function, interest received from investment and the annual Golf day.

Expenditure amounted to **R 1 000 205** resulting in a deficit of **(R 344 844)** for the financial period.

Accumulated funds of **R 735 742** will be carried forward to the new financial year.



As part of the Association's objectives a successful golf day was held on 7 November 2020. These events also promoted fellowship amongst members.

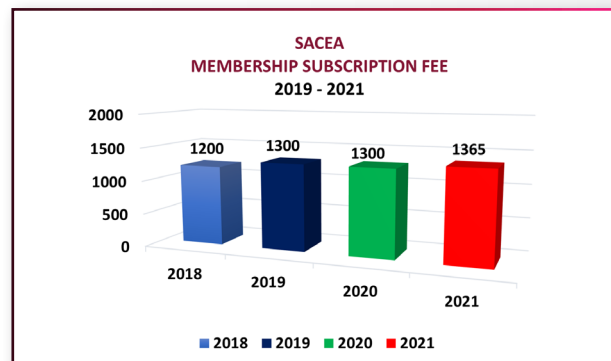
The Council thanks Mr L Botha for his excellent work in making the golf day so successful.

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 strategies on how to make best use of the surplus for the general advancement of the Association.



## SUBSCRIPTIONS

In terms of the powers vested in it by the Constitution and Rules of the Association, the Council agreed that subscriptions for 2021 (Full Member, Affiliate and Candidate Members) would be increased 2021 at **R 1 365 per annum** (excl. VAT).

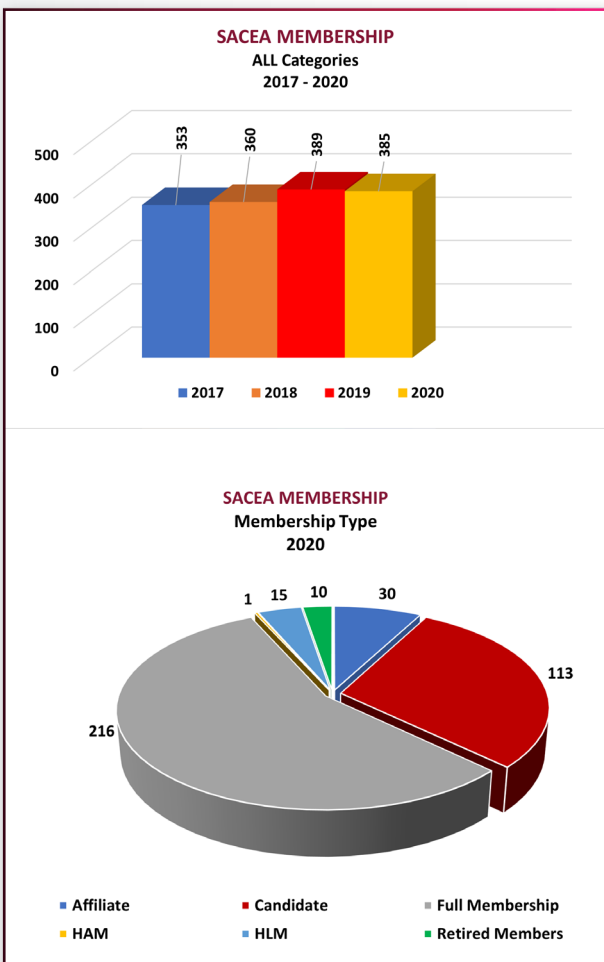




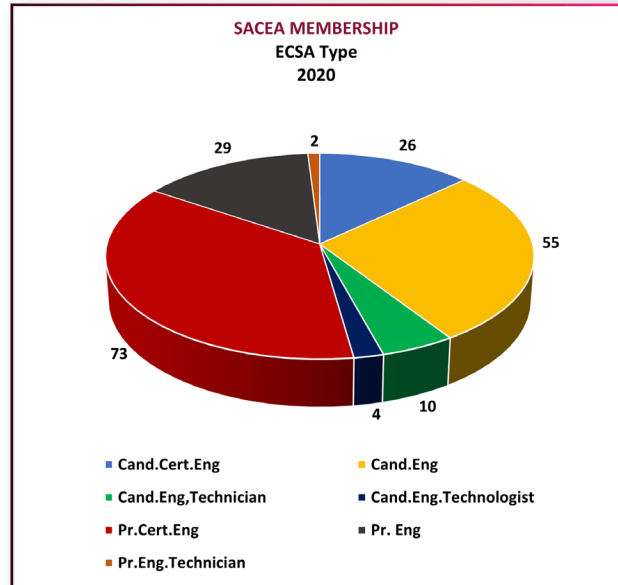
Concern remains with the collection of outstanding subscription fees due to members' non-notification of address/ company change. Council Members appeals to members to inform the Secretariat of any address, company and designation changes.

## MEMBERSHIP

The membership of the Association as at 31 December 2020 was **385** (389), made up of **216** (195) Full members, **30** (37) Affiliate members, **113** (129) Candidate Members, **10** (12) retired members, **15** (15) Honorary Life members and **1** Honorary Associate Member.



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 199 (198) members registered at some level with ESCA (104 professional engineers and 95 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 meetings 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 T Monyele for assisting in maintaining close ties between the two Associations.

## YOUNG TALENT

The SACEA Young Talent forum, 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).

Two online meetings were hosted for the year 2020:

1. Glencore Dragline Rebuild 18 June 2020
2. Automation & Smart Technologies 22 September 2020

Due to the COVID-19 Pandemic and regulations as set out by the Republic of South Africa, no GCC workshop was hosted.



**SACEA**

PROFESSIONAL  
DYNAMIC  
VALUE ADDING

## 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 DMRE is invited to Regional meetings and Safety Workshops to address members. Council members participated in both opencast and underground RTF meetings throughout 2020.

Congratulations to the management and staff of all the mines who had safety achievements during 2020.

### SAFETY WORKSHOP

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

The workshop was on 24 November 2020 and addressed topics being:

- Fiery Mines / Coal Mines – A Wireless Communication Perspective
- Sasol Mining – Correct Selection, Installation and certification of in-Section Equipment
- Remote Lockout System

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

## 2020 COLLIERY HEALTH AND SAFETY CAMPAIGN (COALSAFE)

Your Association has once again been actively involved in the 2020 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.

## 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 ESCA. 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 the Minerals Council South Africa 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.

## CERTIFICATED MECHANICAL AND ELECTRICAL ENGINEERS (CM&EE)

The main focus of this committee is to represent employer bodies at the Mineral Council South Africa 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.

## PRESIDENTIAL FUNCTION

Due to the COVID-19 Pandemic and regulations as set out by the Republic of South Africa, no Presidential function were hosted in 2020.



**SACEA**

PROFESSIONAL  
DYNAMIC  
VALUE ADDING

## 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.

### Branding Communication, Technical & Website

A Small  
D Fisher  
S Botha  
M Mabanda

### DMR Representative

F Moleleki  
E Mokoia

### Leadership & Governance & Membership

L Turvey  
S Nel  
T Thobedi  
M Hyra

### Northern Regional Meeting

J Nkosi  
M Buthelezi

### Limpopo Regional Meeting

D Christie

### Open Cast User Group

B Mtshengu

### Plant User Group

Jan Coetzee

### Safety Workshops

L Botha  
S van Wyk  
H Zwart

### Technical Symposium

J Subermoney  
M Hyra

### Underground User Group

T Sunker  
L Delport

### Young Talent & GCC

E Visser  
E Mojalefa

### Procedural & Documentation Development

J Diedericks

### DMR Engagement

J Nkosi

### ECSA

M Buthelezi

### OH&SPC

J Diedericks

### CM&EE

S van Wyk

### SAFA/SANS

H Zwart

### CTC (MQA) Committee

H Lombard  
D Gravett

### GCC Committee and Commission of Examiners

PE Mojalefa

### HOE Engagements

A Small  
H Lombard

## WEBSITE AND COMMUNICATION

The Association's website address is [www.sacea.org.za](http://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.

## GOLF DAY

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

## JOINT GENERAL MEETING OF COAL ASSOCIATIONS

A Joint General Meeting was held on 26 November 2020 at the Kriel Lapa, Kriel.

## TECHNICAL SYMPOSIUM

The annual Technical Symposium was hosted virtually on the following three (3) dates due to the COVID-19 pandemic

1. 23 July 2020
2. 30 July 2020
3. 6 August 2020



---

The papers presented were:

- The Effect of Covid-19 on a Mine Site and Managing the First Wave
- Mining 4.0 - The "GOOD" the "BAD" and the "UGLY"
- Matla Mine 2 Underground Bunker Platework Replacement
- Navigation Pit
- Application of advanced analytics on mining equipment
- Industry 4.0
- Introduction of Pempek real-time information on CM sections at Matla
- From Pit to Tip – CAS Communication tool for surface operations

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.

Due to the COVID-19 Pandemic and regulations as set out by the Republic of South Africa, no technical visits were hosted in 2020.

## **CONCLUSION**

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





# SACEA

PROFESSIONAL  
DYNAMIC  
VALUE ADDING



(+27) 11 568 2050



raymondvdb@mpas.org.za



www.sacea.org.za



@SACEAofficial