

# 12<sup>TH</sup>

# CESA

YOUNG PROFESSIONALS  
SUSTAINABILITY  
**IMBIZO**  
**2024**

13-14 AUGUST  
PREMIER HOTEL MIDRAND



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# #YPImbizo 2024 – Programme

## DAY 1 – 13 August 2024, Tuesday

**07h30 – 08h30**      **Arrival, Registration and Networking**

**08h30 – 10h00**      **Session 1a: Leadership & Management**

Facilitator: Marizel Pienaar, CESA YPF Vice President and Bigen, Civil Engineer, Bigen

**Leaders take initiative.**

Uzair Osman, CESA YPF: National Chairperson and, Engineer: Roads and Developments at Bosch Projects

**Leading by example – My Engineering Story**

David Leukes, CESA President and MD BVi Consulting

**10h00 – 10h30**      **Tea Break**

**10h30 – 12h30**      **Session 1b: Developing Technical, Business, and Governance Skills**

Facilitator: Dlozi Mnisi, SAICE FLP Chair and Construction Project Manager, Gauteng Department of Human Settlement

**Breaking down walls, the role of technology in evolving an industry**

Devina Maharaj, Investec

**Business of Consulting Engineering**

Francois Swart, Businessman, and co-founder of Bigen Group

**Corporate Governance**

Sherma Malan, Executive Director: Certification and Member Services at Institute of Directors in South Africa (IoDSA)

**12h30 – 13h30**      **Lunch**

**13h30 – 15h00**      **Session 2: Diversity, Equity, and Inclusion**

Facilitator: Itumeleng Sethlabane, CESA YPF Eastern Cape Chairperson and Civil Engineer, Lukhozi Consulting Engineers

**Diversity, Equity, and Inclusion (DEI) Speed Dating experience (30 minutes)**

**My Personal Toolkit for a Work/Life Balance**

Sashika Somai Jaggan, Civil Engineer at Naidu Consulting

**Diversity is Key to Inclusion**

Janice Zhang, Senior Engineer – Dams and Hydropower, Knight Piésold

**15h00 – 15h30**      **Tea Break**

**15h30 – 17h00**      **Session 3: Power and Energy**

Facilitator: Keith Katyora, Snr. Energy Specialist, Empowering Energy Transition & Universal Power Access

**Powering Coalition Promises**

Margo Fargo, Marketing, Sustainability, M&G top 200 Young South African, Business Owner & Philanthropist

**Future Proofing the Municipal Electricity Utility Business in SA through Generational Diversity**

Mmaphuthi Nkwana, GLS Consulting

**The Integration of Renewable Energy and Energy Storage Systems in Smart Grids Within the South African Energy Market**


Omaira Jajbhay, Zutari

**7h00 – 17h15**      **Closing Remarks**

**17h15 – 18h00**      **Networking**

**18h00 – 22h00**      **12th YP Imbizo Rainbow Party and BCE Development Programme Graduation Ceremony**





# **YP IMBIZO**

## **Rainbow Party and BCE-MDP Graduation Ceremony**

Premier Hotel, Midrand

**13<sup>th</sup>**  
**August 2024**  
**18h00 – 21h00**

### **Programme**

**17h15 – 18h00**

Arrival Refreshments & Networking

**18h00 – 18h15**

Official Opening: MC - TT Phasha

**18h15 – 18h20**

CESA YPF Chairperson Address: Uzair Osman

**18h20 – 18h30**

CESA President Address: David Leukes

**18h30 – 19h00**

BCE-MDP Certificate Graduation Ceremony

**19:00 – 19h10**

Closing Remarks: CESA CEO, Chris Campbell

**19:10**

Dinner & Networking

Entertainment: Dj Steward T

# #YPImbizo 2024 – Programme

## DAY 2 – 14 August 2024, Wednesday

**07h00 – 08h30**      **Arrival & Refreshments**

**08h30 – 10h00**      **Session 4: Engineering – Making Our Transport Work**  
Facilitator: Tahseen Raiman, Manager: Water Distribution, George Municipality

**AI and Machine Learning in Road Pavement Defect Classification**  
Zuzile Makhubu, WSP Africa

**The Engineering Journey of an Engineer CEO and Their Role in Mega Projects: The Gautrain Example**  
Tshepo Kgobe, CEO, Gautrain Management Agency

**10h00 – 10h30**      **Tea Break**

**10h30 – 12h30**      **Session 5: Lessons for Engineering Leadership**  
Facilitator: Jean Gerber, CESA YPF Western Cape Chairperson and Senior Assistant Route Manager, Daveng Consulting Engineers

**Standing Out with Innovative and Unique Traits**  
Zamani Ngidi, Business Unit Manager for M&A and Cyber Solutions for Aon South Africa

**Human Impact on Natural Disasters**  
Dr Imtiaz Sooliman, Founder, Gift of the Givers

**12h30 – 13h30**      **Lunch**

**13h30 – 15h00**      **Session 6: Engineering, Professionalism, and Politics**  
Facilitator: Mareli Botha, CESA Young Engineer of the Year, and Technical Director: Process Mechanical, Zutari

**Professionalisation – a consulting engineer perspective**  
Noqobo Bongoza, Project Manager, Hatch

**Professionalisation of the Public Sector – Policy, Implementation, accountability & Service Delivery.**  
Prof/Dr Somadoda Fikeni, Commissioner of PSC, Policy & political analyst & chair of the Indlulamithi SA Scenarios 2030 & visiting professor

**15h00 – 15h20**      **Presentation & Adoption of Imbizo Resolutions**

**15h20 – 15h30**      **Way forward and Farewell Message**



# JOIN CESA YPF



Annual YPF  
Diamond Sponsor



Annual YPF  
Gold Sponsors



**Consulting Engineers of South Africa's Young Professionals Forum (CESA YPF)** consists of young leaders and volunteers who are passionate about the engineering industry and are interested in ensuring the development, growth and promotion of the profession, thus ensuring the sustainability of engineering skills for the country.

**CESA YPF** is operated on a non-profit basis and relies on sponsorship support from CESA member firms as well as other interested parties that seek to grow YPs and understand the importance of developing Young Professionals for the industry.

#### **CESA YPF objectives include:**

- Promoting of engineering and built environment careers, the consulting engineering Industry and CESA
- Retention of young professionals within the engineering industry
- Building capacity and knowledge amongst members of the YPF
- Sharing Information and networking
- Aiding professional registration

#### **CESA YPF Major Events:**

1. **CESA YPF Job Shadowing Initiative** – more than 800 school learners participate annually.
2. **CESA Young Professionals Sustainability Imbizo** – launched in August 2013, this annual, mini-conference is a springboard of future leaders - regarding their role and position in communities.
3. **CESA Aon Engineering Excellence Awards** – Mentor of the Year, Young Engineer of the Year and Mentoring Company of the Year to further promote and develop Young Professionals.
4. **CESA Indaba, FIDIC Africa and FIDIC Infrastructure Conferences**

**CESA YPF is also represented on the CESA Board and Committees of Board.**

**Website:**

**<https://www.cesa.co.za/ypf>**

Annual YPF Silver Sponsors





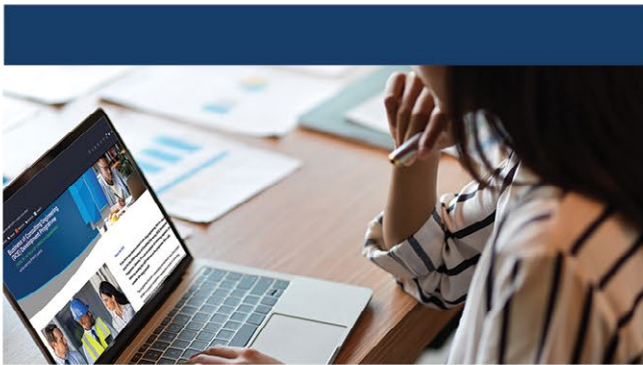
# Business of Consulting Engineering Management Development Programme (BCE MDP)

'BCE MDP – Developed by the Industry – For the Industry'



## Join us for a life-changing experience, that will fast track your career, in the world of Consulting Engineering

Whether you are looking to progress to a more senior level or grow your own business, the BCE Development Management Programme will give you the practical skills, applied theory and confidence to boost your consulting engineering career.



Turns Good Engineers  
into **EXCELLENT** Engineers

LEARN FROM THE BEST, OUR 15 SUBJECT  
MATTER EXPERTS ARE HIGHLY EXPERIENCED  
LOCAL INDUSTRY PRACTITIONERS



## Rise to the Top of Your Profession!

The programme focuses on developing non-technical skills, from project inception to project completion, essential for a career in consulting engineering, but not part of normal tertiary engineering education.

### BCE Development Management Programme Includes:

- One afternoon online class a week, consisting of two or three lectures
- Over 55 topics presented by 15 Subject Matter Experts
- Access and use of the CESAnet student portal (library, presentations, assignments) and Individual BCE Mentor support
- Training material, including the book 'Role of the Consulting Engineer during Project Delivery'
- The assessment and moderation of assignments, individual feedback, and online exams

**15 ECSA CPD credits, claimable on your company's SETA WSP/ATR submission and Construction Charter B-BBEE Scorecard**