

SESSION 2 11:00 – 12:30 | 19 AUGUST 2026

Leadership, Innovation & Ethics for a Future-Ready Built Environment

14th CESA
YOUNG PROFESSIONALS
SUSTAINABILITY
IMBIZO
— 2026 —
19–20 AUGUST
PREMIER HOTEL MIDRAND

FACILITATOR



Ashlan Ganass
*YPF KZN Chair & Civil Engineering
Technologist, JTN Consulting*



Ntombi Nyaga
COO, cidb



Victor Chibaya
SAICE Young Professionals Chair



Khutso Mokgehle
SACPCMP Education Manager

Khutso Mokgehle

14th CESA
YOUNG PROFESSIONALS
SUSTAINABILITY
IMBIZO
2026
19–20 AUGUST
PREMIER HOTEL MIDRAND

- **Education Manager** at SACPCMP
- Passionate about developing **young built environment professionals**
- Focuses on:
 - **Mentorship**
 - **Collaboration**
 - **Innovation**
- Promotes **professional development**
- Works to improve pathways to **professional registration**
- Supports **lifelong learning**
- Committed to **industry transformation**



14th CE
YOUNG PRO
SUSTAIN
IME
—20
19–20
PREMIER HO

From Qualification to Professional Re

Building a Competent and E Construction Workforce

Khutso Mokgehle

Education Manager - SACPCMP

AON



HATCH



SACPCMP
—OPERATING NEW PARADIGMS—

ZUTARI



From Qualification to Professional Registration

14th

A qualification is the beginning of your professional journey — not the end.

- Qualification gives you foundational knowledge
- Professional registration demonstrates professional competence
- Experience turns knowledge into judgement
- Ethics determines how you use your competence
- Continuous professional development keeps you relevant

What's an opinion that will have you like this?



14th

From Engineer to Construction Manager

*“Knowing how to design a project is not the same
as knowing how to deliver it.”*

CIVIL ENGINEER

How do we design and technically solve this infrastructure problem?

Technical knowledge | Engineering design | Analysis | Problem-solving |
Infrastructure planning | Structural principles | Quality assurance |
Technical risk assessment

CONSTRUCTION PROJECT MANAGER

How do we successfully deliver this project?

Project planning | Construction management | Contract administration |
Cost & resource management | Risk management | Stakeholder
coordination | Leadership

14th

Different Qualifications, Different Professional Competencies

Civil Engineering

- Engineering analysis
- Engineering design
- Technical problem-solving
- Engineering principles
- Infrastructure design
- Engineering investigation
- Technical compliance
- Engineering solutions

Construction Management / CPM

- Construction/project delivery
- Planning & programming
- Resource management
- Procurement
- Contract administration
- Cost & commercial management
- Construction risk
- Stakeholder & project management

14th

GOOD NEWS!

ENGINEER + PROJECT MANAGEMENT COMPETENCE =
POWERFUL CONSTRUCTION PROJECT LEADER

Engineers already have many of the qualities that make great Project Managers: analytical thinking, problem-solving, technical knowledge, attention to detail, structured decision-making and the ability to work under pressure.

The opportunity is not to start from scratch, but to build on that strong engineering foundation by developing additional competencies

14th

Construction Project Management Competencies

1. Health and Safety Management
2. Financial Management
3. Quality Management
4. Communication Skills
5. Leveraging Resources
6. Negotiation Skills
7. Building and Maintaining Relationships
8. Problem Solving
9. Managing Performance
10. Customer-Centric Focus
11. Decision-Making
12. Resilience

14th

Where Do You **Build** These Competencies?

The classroom is only one part of professional development.

1. EDUCATION

- Formal qualification
- Postgraduate study
- Short courses

2. WORK EXPERIENCE

- Projects
- Site exposure
- Contracts
- Planning
- Procurement
- Cost management

3. MENTORSHIP

- Learn from experienced professionals
- Observe professional judgement
- Receive feedback

4. CONTINUOUS PROFESSIONAL DEVELOPMENT

- Keep learning
- Close competency gaps
- Stay current

14th

BE ETHICAL

14th

14th CESA
YOUNG ENGINEERS
SUSTAINABILITY
IMMERSION
—2019—
PREMIER

Thank You

AON



HATCH



SACPCMP
SUSTAINABLE AND AFFORDABLE
CONSTRUCTION PROJECTS

ZUTARI



CESA

School of Consulting Engineering

