



TANK INTEGRITY & TERMINAL SAFETY SUMMIT AFRICA 2026

PROTECTING THE INFRASTRUCTURE THAT KEEPS
SOUTH AFRICA MOVING

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📅 24 November 2026 📍 Durban, South Africa

GLIMPSE OF OUR PAST EVENTS

AIMCT ANGOLA

14 JULY 2026 | LUANDA, ANGOLA

HOTEL DE CONVENÇÕES DE TALATONA, HCTA ★★★★★



AIMCT NIGERIA

25 FEBRUARY, 2026 | LAGOS, NIGERIA

LAGOS ORIENTAL HOTEL ★★★★★



CONFERENCE OVERVIEW

South Africa's fuel supply is becoming increasingly dependent on the integrity of its storage infrastructure.

With approximately 75% of the country's liquid fuel imported and strategic fuel reserves below 21 days, storage terminals, tank farms and fuel distribution networks have become critical national infrastructure. At the centre of this network is Durban's Island View Precinct, through which an estimated 70% of South Africa's imported fuel is received, stored and distributed.

As ageing storage assets are required to handle increasing throughput and operational demands, operators face growing challenges in maintaining asset integrity, preventing corrosion, strengthening inspection programmes mitigating fire and environmental risks, and ensuring the long-term reliability of critical fuel infrastructure.

The **South Africa Tank Integrity & Terminal Safety Conference 2026** brings together terminal operators, fuel companies, refinery owners, regulators engineers and technology leaders to address these challenges through practical case studies, technical expertise and proven engineering solutions.



PROTECTING STORAGE INFRASTRUCTURE IS NO LONGER JUST AN OPERATIONAL RESPONSIBILITY IT IS FUNDAMENTAL TO PROTECTING SOUTH AFRICA'S ENERGY SECURITY.





250+ PROFESSIONALS

35+ EXPERT
SPEAKERS

10+ TECHNICAL
DISCUSSIONS

25+ EXHIBITORS &
SPONSORS

WHO SHOULD ATTEND

**STRICTLY FOR C-LEVEL &
SENIOR TECHNICAL DECISION MAKERS**

Tank Terminal & Storage Operators

Refineries & Petrochemical Operators

Technical Decision-Makers

Engineering, EPC & Infrastructure Players

Regulators & Government Authorities

HSE, Safety & ESG Leaders

SOUTH AFRICA'S STORAGE CHALLENGE

1

75% South Africa's Liquid Fuel is Imported

Growing dependence on imported fuels has made storage terminals & tank farms critical national infrastructure.

2

Less than 21 Days Strategic Fuel Reserves

Limited strategic reserves increase the importance of operational reliability & infrastructure resilience.

3

70% Of Imported Fuel Passes Through Durban's Island View Precinct

One of Africa's most strategically important fuel storage and distribution hubs.

4

One Critical Infrastructure Network Keeping South Africa Moving

Every storage tank, transfer system, pipeline and terminal plays a vital role in maintaining the country's fuel supply and economic resilience.



CONFERENCE SPEAKERS



Mr. NJ AYUK
Executive Chairman
African Energy Chamber

NJ Ayuk leads Africa's energy advocacy, investment, security, and industrialisation.



Mr. Muzi Mkhize
Regulator Member
NERSA

Muzi Mkhize regulates South Africa's petroleum pipelines, energy policy, security.



Mr. Mpho Ramuhulu
General Manager : Operations
and Technical Maintenance
Transnet Pipelines

Mpho Ramuhulu leads engineering operations, maintenance, reliability, and asset performance.



Mr. Lwandile Magoda
National Public Sector
Committee Member- Public
Entities Representative
SAICA

Lwandile Magoda advances public-sector governance, infrastructure performance, accountability, and reform.



Mr. Sibongiseni Khathi
Chief Executive
Transnet Pipelines - TPL

Sibongiseni Khathi leads Transnet Pipelines, strengthening fuel infrastructure and security.



Mr. Dumisani Bengu
Senior Vice President: Downstream
Energy Marketing & Sales & Managing
Director of Sasol Oil Pty Ltd
Sasol

Dumisani Bengu leads Sasol's downstream energy, fuel marketing, and growth.



Mr. Pavan Maharaj
Vice President : Operations and Technology
Vopak

Pavan Maharaj leads terminal operations, technology, asset performance, and infrastructure.



Mr. Odwa M. Benxa, CA(SA)
Lead: Public Sector Advocacy
SAICA

Odwa Benxa advances public-sector governance, assurance, accountability, and infrastructure reform.



Ms. Ofentse Bosii
Analyst: Petroleum Licensing, Compliance and Dispute Resolution
NERSA

NERSA analyst overseeing licensing and compliance for critical petroleum infrastructure.



Mr. Martin Untiedt
Head of Department: Petroleum Licensing, Compliance & Dispute Resolution
NERSA

NERSA department head overseeing petroleum licensing, compliance, disputes, and infrastructure.



Ms. Sesakho Magadla
Managing Director – SANPC Refinery
CEF SOC Ltd / South African National Petroleum Company (SANPC)

Senior downstream energy executive leading SANPC refinery operations and redevelopment.



Ms. Pheladi Makgamatha
Senior Petroleum Infrastructure Engineer
NERSA

Senior NERSA engineer specializing in petroleum infrastructure regulation, licensing, compliance.



Mr. Travis Benecke
SHEQ Specialist – Projects, Process Safety & Fire Protection
Confidential

SHEQ and process safety leader specializing in fire protection, risk.



Ms. Amanda Lopez
Cluster General Manager South Africa
Puma Energy

Downstream energy leader driving operations, logistics, retail, HSSE, strategy, growth.

EVENT AGENDA

08:00 – 09:00

Registration & Networking

09:00 – 09:15

Opening Keynote - Tank Storage in Africa From Aging Assets to Critical Infrastructure Risk

Discussion Points

- Storage as a critical element of national fuel security
- Shift toward storage-led energy systems
- Managing risk across aging infrastructure

BLOCK 1 — EXISTING ASSETS (HIGH URGENCY)

09:15 – 09:45

Panel 1: Aging AST Infrastructure — When Does Maintenance Become Failure?

Discussion Points

- Tanks operating beyond design life
- Extend, retrofit, or shutdown decisions
- Managing high-risk aging assets

09:45 – 10:00

Briefing: Extending Tank Life Without Increasing Risk

Discussion Points

- Fitness-for-Service strategies
- Advanced inspection methods
- Cost vs risk balance

10:00 – 10:30

Panel 2: UST Risk & Environmental Exposure — The Hidden Liability

Discussion Points

- Undetected leaks and environmental impact
- Increasing regulatory pressure
- Compliance challenges

10:30 – 10:45

Briefing: Detecting Leaks Before They Become Disasters

Discussion Points

- Real-time leak detection
- Monitoring and compliance systems

10:45 – 11:15

Networking Break

BLOCK 2 — INTEGRITY & INSPECTION

11:15 – 11:45

Panel 3: Corrosion — The Silent Failure Mechanism

Discussion Points

- Structural degradation risks
- Protection system gaps
- Long-term asset impact

11:45 – 12:00

Briefing: Stopping Corrosion Before Failure

Discussion Points

- Coatings and cathodic protection
- Early detection systems

12:00 – 12:30

Panel 4: Inspection Bottlenecks — Why Traditional Methods Fall Short

Discussion Points

- Workforce and inspection limitations
- Shutdown-based inspection challenges
- Increasing backlog risks

12:30 – 12:45

Briefing: Inspection Without Shutdowns

Discussion Points

- Robotics and drone inspection
- Risk-Based Inspection (RBI) frameworks

12:45 – 13:30

Networking Lunch

BLOCK 3 — OPERATIONS & RETROFIT

13:30 – 13:50

Operator Case Study: Inside a Tank Failure

Discussion Points

- Root causes of failure
- Lessons learned
- Operational changes

13:50 – 14:20

Panel 5: Terminal Bottlenecks — When Storage Limits Throughput

Discussion Points

- Capacity constraints
- Utilization challenges
- Operational inefficiencies

14:20 – 14:35

Briefing: Optimising Tank Farms for Performance

Discussion Points

- Automation systems
- Efficiency improvements
- Monitoring and control

14:35 – 15:05

Panel 6: Upgrade, Retrofit or Build — The Investment Dilemma

Discussion Points

- Asset upgrade vs new build
- Future fuel compatibility
- Infrastructure strategy

15:05 – 15:20

Briefing: Future-Ready Tank Infrastructure

Discussion Points

- Smart retrofit strategies
- Designing for future demand

BLOCK 4 — SAFETY & RISK

15:20 – 15:50

Panel 7: Fire, Explosion & System Failure Risks

Discussion Points

- High-impact incidents
- Prevention strategies
- Safety system gaps

15:50 – 16:05

Briefing: Preventing Catastrophic Incidents

Discussion Points

- Fire detection and suppression
- Integrated safety systems

16:05 – 16:20

Structured Networking

Discussion Points

- Operator–vendor discussions
- Project-focused meetings

FINAL SESSION

16:20 – 16:50

Final Panel: What Will Fail Next Where Must We Invest Now?

Discussion Points

- Critical unresolved risks
- Investment priorities
- Maintenance vs expansion

16:50 – 17:00

Closing Remarks

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