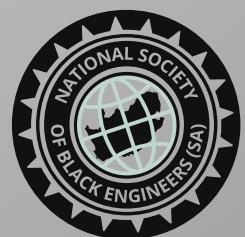


NATIONAL SOCIETY OF BLACK ENGINEERS SOUTH AFRICA

Institutional Profile

ADVANCING TRANSFORMATION.
ENGINEERING EXCELLENCE.
POWERING GROWTH.



NSBE
OF SOUTH AFRICA

A FOREWORD ISSUED DURING THE FIFTH PRESIDENCY



“ Mobilising engineering excellence is essential to powering inclusive and sustainable growth.

Since its establishment in 1998, NSBE South Africa has remained committed to advancing transformation within the engineering profession and ensuring the meaningful participation of Black engineers in the mainstream economy. Our mandate extends beyond representation – it encompasses leadership development, professional advancement, and the mobilisation of engineering excellence in support of South Africa’s growth agenda.

As our nation pursues industrialisation, infrastructure expansion, and energy transition, the role of engineers has never been more critical. NSBE South Africa continues to serve as a unifying platform that strengthens the engineering talent pipeline from students to seasoned professionals – while fostering ethical leadership, technical competence, and economic inclusion.

Through strategic partnerships with academia, industry, government, and professional bodies, we are actively contributing to national development priorities and supporting the next generation of engineering leaders.

We remain resolute in our mission to advance transformation, mobilise engineering excellence, and power sustainable growth for South Africa.

Mdu Mlaba
President

National Society of Black Engineers South Africa

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WHO WE ARE

NATIONAL SOCIETY OF BLACK
ENGINEERS SOUTH AFRICA

The National Society of Black Engineers (NSBE) South Africa is a non-profit, non-racial organisation and an Engineering Council of South Africa (ECSA) recognised Voluntary Association (VA), formally established in 1998.

NSBE South Africa is a professional association representing black engineers, technologists, technicians, and students across the country. Since its founding in 1998, the organisation has served as a national body dedicated to professional community-building, advocacy, and sector engagement.

We are an advocacy professional organisation dedicated to influencing policy, raising awareness of the engineering profession among youth, developing, supporting, representing and promoting black engineers.

The National Society of Black Engineers (NSBE) of South Africa:

- Operates within the South African context, directly addressing skill shortages, transformation imperatives, and infrastructure delivery needs, while aligned to global NSBE principles.
- Has a membership database covering all engineering disciplines, students, young graduates, owners of engineering firms, executives and seasoned engineers across the country.



NSBE SA MANDATE

NSBE SA works to strengthen the engineering skills pipeline from school through to professional practice, enhance graduate employability and workplace readiness, and promote transformation and inclusion across the profession.

01

TRANSFORMATION & REPRESENTATION

To advocate for equitable representation of Black engineers across the public and private sectors, and to serve as a representative voice on issues impacting their professional advancement.

Policy advocacy and sector engagement

Representation within industry and professional bodies

02

ENGINEERING TALENT PIPELINE

To increase the participation of Black students in engineering at both undergraduate and postgraduate levels, while strengthening mentorship, exposure, and career progression opportunities.

Student mentorship and academic support

Graduate development and industry exposure

03

PROFESSIONAL DEVELOPMENT

To support the continuous development of engineers, technologists, and technicians through a structured body that enhances leadership, competence, and workplace readiness.

Leadership development platforms

Continuous technical and workplace readiness programmes

04

ECONOMIC PARTICIPATION

To mobilise Black engineers into a cohesive and influential body that contributes meaningfully to infrastructure delivery, industrialisation, and wealth creation within the mainstream economy.

Industry, SOE and government engagement

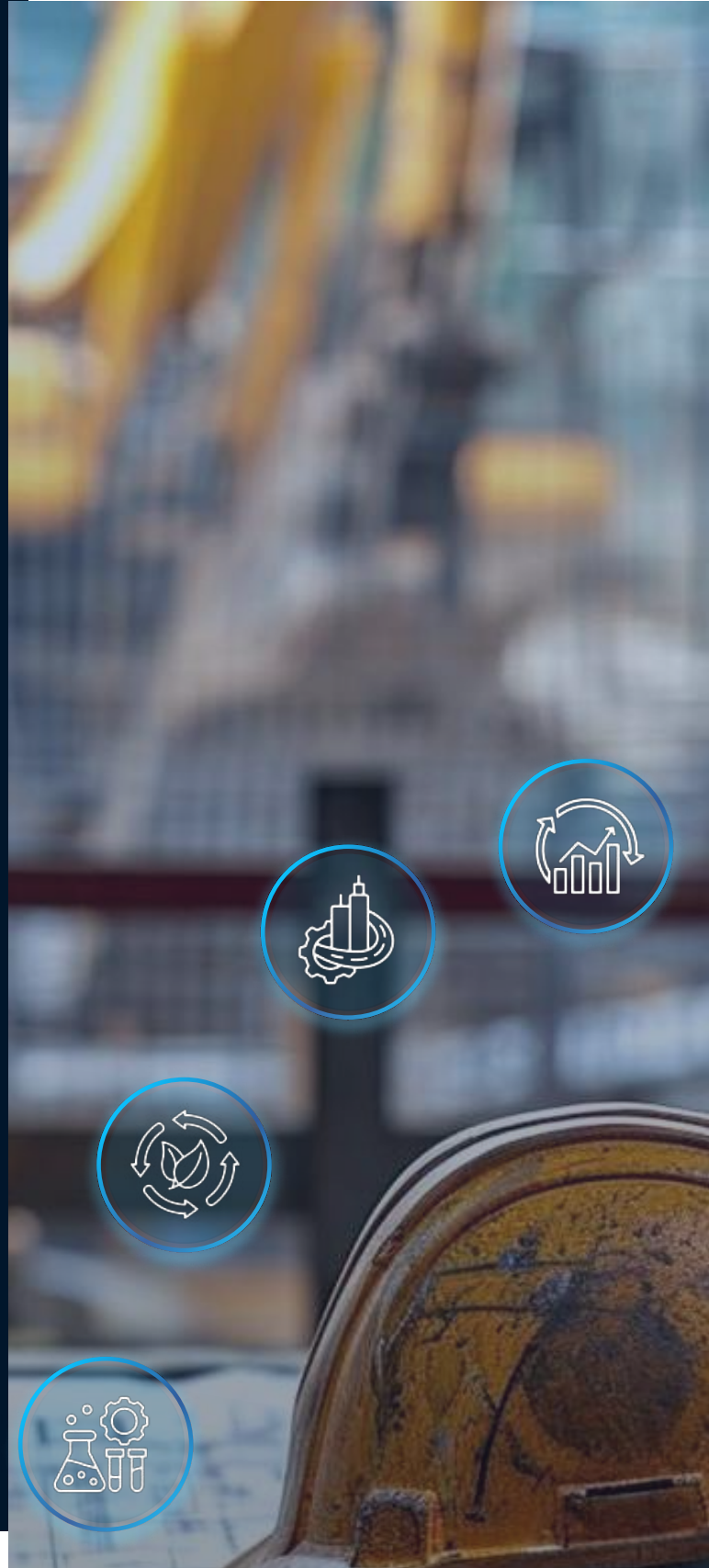
Infrastructure and industrialisation contribution

CONTRIBUTION TO NATIONAL DEVELOPMENT

Engineering plays a critical role in infrastructure development, industrial growth, and economic advancement. In this context, NSBE SA serves as a recognised voluntary association advocating for the advancement of Black engineers, technologists, and technicians across sectors.

Through continued engagement with academia, industry, government, and professional bodies, the organisation contributes to national development priorities while strengthening representation, participation, and professional advancement within the engineering profession.

NSBE SA remains committed to advancing transformation and supporting the long-term growth and sustainability of South Africa's economy.



GOVERNANCE & LEADERSHIP

NSBE South Africa's National Executive Committee (NEC) is elected to lead and guide the organisation in line with its mandate and constitution.

The NEC comprises the following office bearers:



**AMANDA
MAKHUBELE**

GENERAL
SECRETARY



**LWAZI
GOQWANA**

DEPUTY
PRESIDENT



**THATO
SELEBOGO**

TREASURY &
MEMBERSHIP



**KHULANI
MSANE**

CHAIRPERSON:
KZN REC: EC REC



TUMI TSEHLO

CHAIRPERSON: BUSINESS
& ENTREPRENEURSHIP
PORTFOLIO COMMITTEE



**CHRIZELLE
ISAACS**

CHAIRPERSON:
WC REC



**LUNGI
MAMINZA**

CHAIRPERSON:
GP REC



**BONGUMUSA
THUSI**

CHAIRPERSON:
MP REC

PRESIDENTIAL LEGACY



Since 1998, the leadership of NSBE SA has transitioned across presidencies, each building upon the foundation of those before them.

Through continuity of purpose and evolving vision, the Presidency has remained central to safeguarding the organisation's mandate and advancing its impact within the engineering and STEM landscape.

CORE PROGRAMMES

NSBE South Africa advances its mandate through the following core programme areas:



STUDENT & GRADUATE DEVELOPMENT

Focused on increasing the participation of Black students in engineering at undergraduate and postgraduate levels, while strengthening mentorship, exposure, and professional readiness.

PARTICIPATION



PROFESSIONAL DEVELOPMENT

Supporting the continued growth of engineers, technologists, and technicians through engagements that promote competence, leadership, and career progression.

GROWTH



INDUSTRY, SOE & GOVERNMENT ENGAGEMENT

Engaging with industry, state-owned entities, and government to support collaboration, representation, and contributions to national development priorities.

COLLABORATION



NATION-BUILDING & COMMUNITY OUTREACH

Promoting public awareness of engineering and supporting outreach initiatives that encourage participation and community upliftment.

COMMUNITY

NATIONAL IMPACT

Since its establishment in 1998, NSBE South Africa has contributed to the transformation and advancement of the engineering profession across the country.

Today, the organisation represents over 2,000 members comprising engineers, technologists, technicians, students, and graduates across multiple disciplines.



NSBE SA's national impact is reflected through the following:

01

Academic pipeline development

02

Industry & policy engagement

03

National convenings & knowledge forums

04

Community mobilisation & outreach

ALIGNMENT TO NATIONAL PRIORITIES

WHY NSBE SA MATTERS:

01

Addresses engineering skills shortages

02

Enhances graduate employability

03

Builds technical leadership for infrastructure delivery

ALIGNMENT TO NDP 2030

04

Skills development & human capital formation

05

Infrastructure capacity & industrialisation

06

Inclusive economic participation & transformation

NSBE South Africa's activities and engagements span key sectors that are central to the country's infrastructure and economic development.

ENERGY & POWER

TRANSPORT & LOGISTICS

WATER & SANITATION

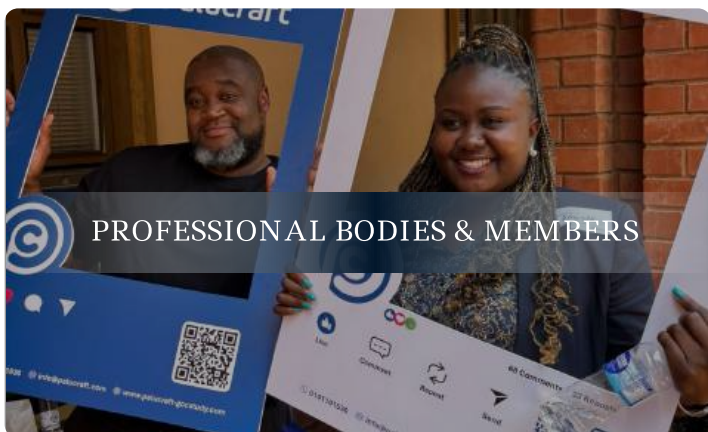
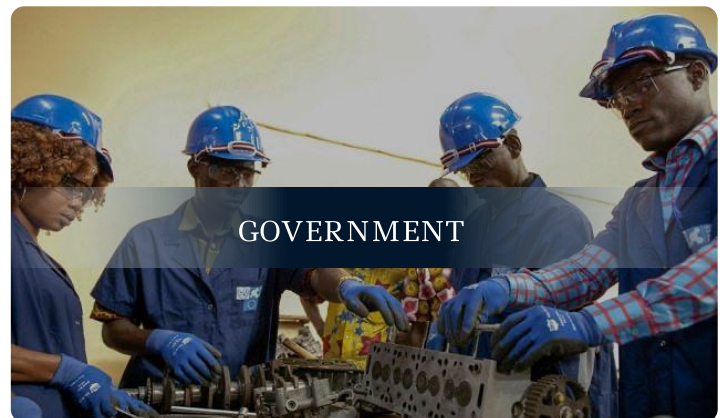
HUMAN SETTLEMENTS & INFRASTRUCTURE

INDUSTRIAL & MANUFACTURING SECTORS

ECOSYSTEM & PARTNERSHIPS

NSBE South Africa operates within a collaborative ecosystem that brings together key stakeholders across the engineering and development landscape.

Through ongoing engagement and structured platforms, the organisation fosters relationships that strengthen professional participation and contribute to national priorities.



“ Strengthening collaboration across the engineering ecosystem

WHY PARTNER WITH NSBE SA

NSBE South Africa offers a structured platform for engagement with a growing network of engineering professionals across disciplines and career stages. Through partnership, stakeholders are able to:

SUPPORT TRANSFORMATION

Contribute to initiatives that advance equitable representation and participation within the engineering profession.

ACCESS ENGINEERING TALENT

Engage with a national membership base comprising engineers, technologists, technicians, students, and graduates.

CONTRIBUTE TO NATIONAL DEVELOPMENT

Support initiatives aligned to infrastructure development, industrialisation, and South Africa's broader economic growth agenda.

STRENGTHEN INDUSTRY ENGAGEMENT

Participate in conferences, strategic forums, and engagements that shape professional discourse and sector collaboration.



WOMEN IN ENGINEERING



NSBE SA recognises the critical role of women in advancing the engineering profession and contributing to national development.



The organisation actively supports initiatives that promote the participation, visibility, and professional advancement of women within engineering and related disciplines.

Through dedicated engagements and platforms such as Women's Month activities, NSBE SA continues to encourage greater inclusion and representation across all levels of the profession.



NATIONAL HIGHLIGHTS & INITIATIVES

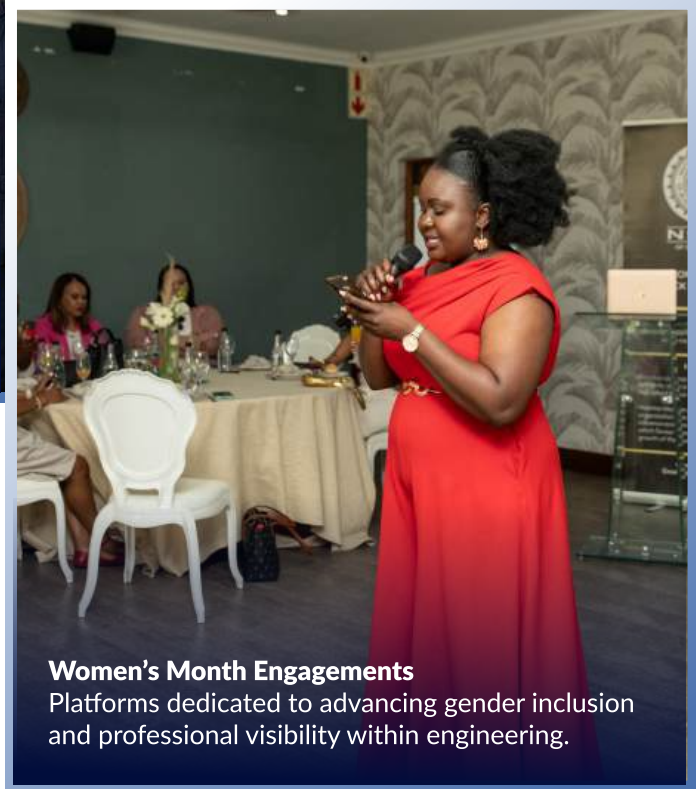
NSBE SA continues to advance its mandate through national engagements, thematic forums, and strategic initiatives that strengthen professional participation and sector dialogue.

Recent highlights include:



Annual General Meetings (AGMs)

National convenings that bring together members, industry leaders, and stakeholders to address priority themes shaping the engineering profession.



Women's Month Engagements

Platforms dedicated to advancing gender inclusion and professional visibility within engineering.



Sector-Focused Discussions

Dialogue on emerging priorities, including energy transition and national development challenges.



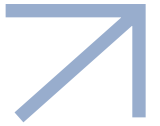
Thematic Conferences & Strategic Forums

Engagements focused on infrastructure development, industrialisation, energy transition, and sector advancement.



Community & Outreach Initiatives

Programmes promoting awareness of engineering careers and encouraging participation among learners and aspiring professionals.



FUTURE FOCUS

AS SOUTH AFRICA CONTINUES TO PURSUE INFRASTRUCTURE EXPANSION, INDUSTRIAL GROWTH, AND ECONOMIC TRANSFORMATION, THE ROLE OF ENGINEERS REMAINS CENTRAL TO NATIONAL PROGRESS.

DEVELOPING THE ENGINEERING TALENT PIPELINE FOR TRANSFORMATION

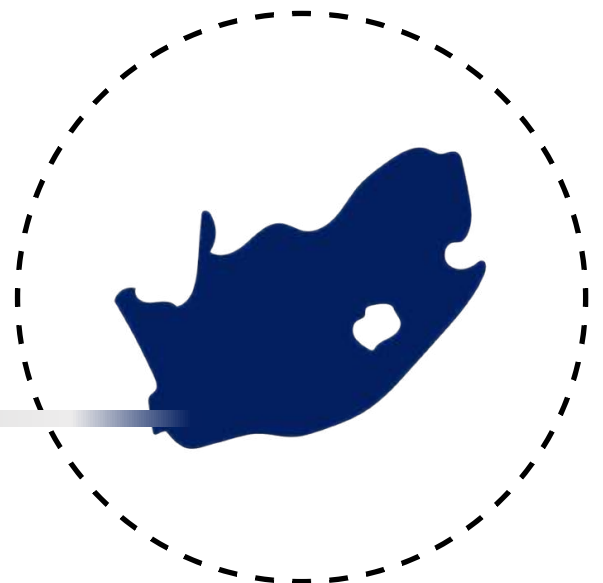
NSBE South Africa remains committed to strengthening participation within the engineering profession, advancing equitable representation, and contributing meaningfully to national development priorities. Through its programmes and structured engagements, the organisation continues to expand access, deepen professional capability, and support sustained transformation across the engineering ecosystem.

Through structured collaboration with its members and stakeholders, NSBE SA will advance its legacy by strengthening a capable, ethical, and forward-looking engineering community aligned to South Africa's long-term growth trajectory

A national footprint anchored in transformation.

ADVANCING TRANSFORMATION FOR NATIONAL PROGRESS

By strengthening engineering participation and institutional impact, mobilising engineering excellence, and strengthening professional participation, NSBE SA continues to serve as a representative voice and contributor to South Africa's long-term development trajectory.





THE NATIONAL SOCIETY OF BLACK ENGINEERS SOUTH AFRICA

THANK YOU



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**BUILDING SKILLS. ADVANCING
TRANSFORMATION. DRIVING GROWTH**

National Society Of Black Engineers SA

