



ENGINEERING COUNCIL OF SOUTH AFRICA



Corporate **Brochure**

An Effective Regulator, Assuring Public Safety





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1. ABOUT ECSA

The Engineering Council of South Africa (ECSA) is a statutory regulator of the engineering profession in South Africa, established under the Engineering Profession Act (EPA), 46 of 2000. ECSA is the only body legally authorised to register engineering practitioners and confer protected titles such as **Pr Eng, Pr Tech Eng, Pr Techni Eng and Pr Cert Eng**.

VISION

To be a global leader in engineering regulation, aspiring to professional excellence, sustainability and to assure public safety.

MISSION

Establish and uphold standards for engineering education and professional practice, driving sustainability and economic growth whilst fostering inclusion within the sector.

VALUES



Accountable:

We are committed to fulfilling our obligations in a transparent and responsible manner, building trust and respect by being answerable for our actions, including any shortcomings.



Agile:

We proactively anticipate and adapt to changes in both internal and external environments, remaining responsive to stakeholder needs and continuously improving our services and processes.



Integrity:

We conduct all our business with honesty, sincerity, and strong moral principles, ensuring ethical behaviour and transparency in everything we do.



Collaborative:

We work collaboratively with all stakeholders to achieve our shared goals, fostering partnerships that support the growth and development of the engineering profession.



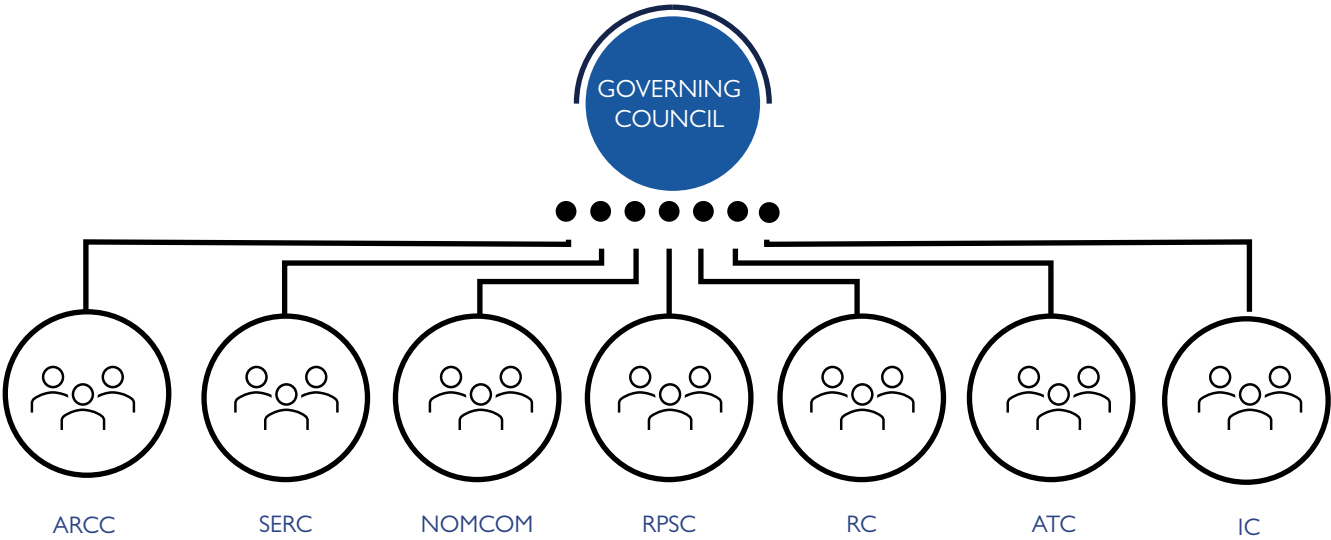
Customer Centric:

We commit to becoming a customer centric organisation through prioritising, understanding and meeting the needs, wants, and expectations of customers to deliver exceptional experiences and build long-term relationships.

Our Governance Structure

ECSA is governed by a non-executive, independent Council with a four-year term, providing strategic oversight. Council operations are guided by approved standing orders and committee terms of reference.

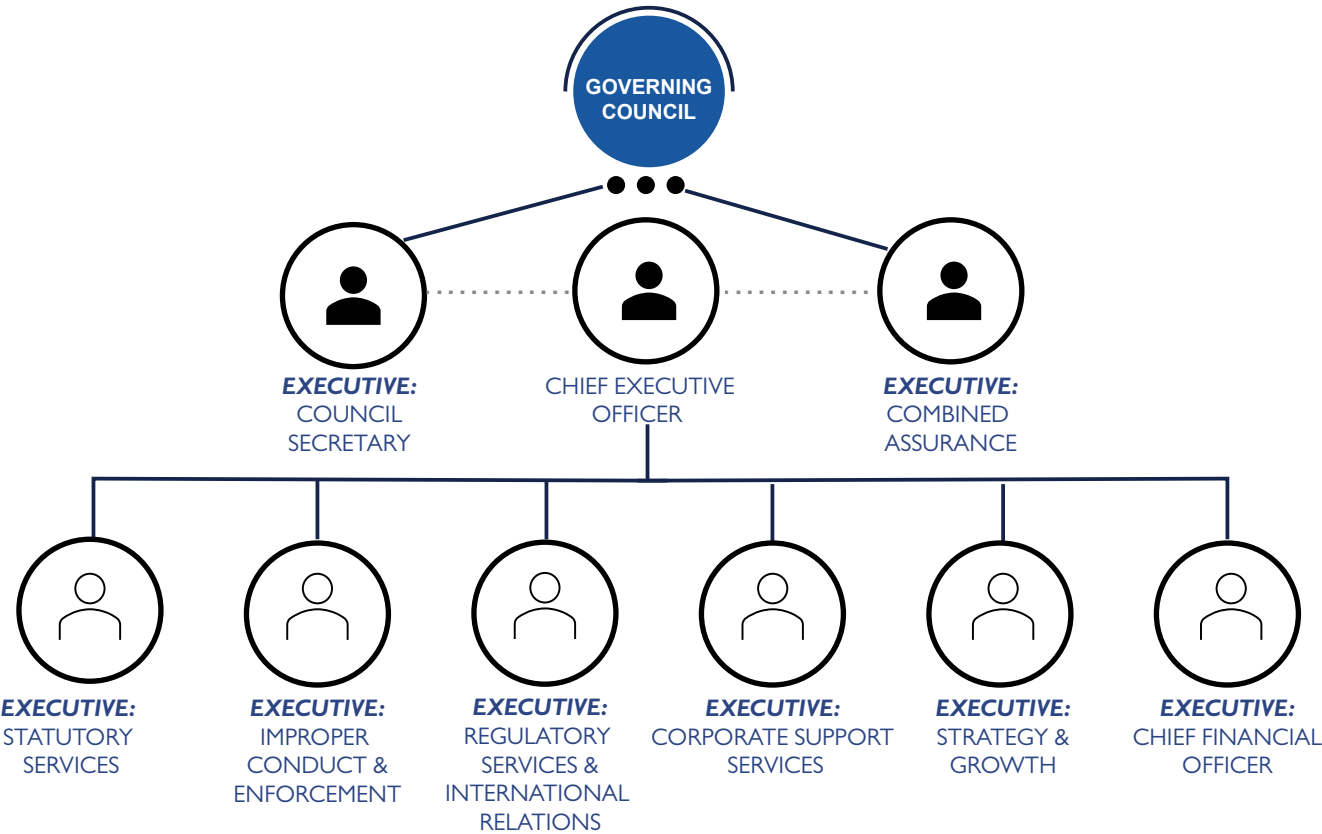
Figure 2: Governing Council Structure



Acronyms

- ARCC Audit, Risk and Compliance Committee
- SERC Social, Ethics and Remuneration Committee
- NomCom Nominations Committee
- RPSC Research, Policy and Standards Committee
- RC Registration Committee
- ATC Accreditation and Training Committee
- IC Investigating Committee

Figure 3: Executive Management Team



Built Environment Professional Councils

The Engineering Council of South Africa is one the six Built Environment Professional Councils reporting to the Department of Public Works and Infrastructure through the Council of the Built Environment.

Figure 1: Our Governing Structure



Department of Public Works & Infrastructure (DPWI)

CBE – Council for the Built Environment

SACAP – South African Council for the Architectural Profession

SACLAP – South African Council for the Landscape Architectural Profession

ECSA – Engineering Council of South Africa

SACPVP – South African Council for the Property Valuers

SACPCMP – South African Council for Project and Construction Management Professions

SACQSP – South African Council for the Quantity Surveying Profession

Regulation of the Engineering Profession

- Department of Public Works & Infrastructure - **Executive Authority**
- Council for the Built Environment - **Accounting Authority that coordinates six (6) Councils for the Built Environment Professions**
- ECSA Governing Council - **Accounting Authority**
- ECSA CEO - **Accounting Officer**

**ECSA is a statutory body established in terms of the Engineering Profession Act, 2000 (Act No. 46 of 2000), and derives its mandate and responsibilities from the Act.*

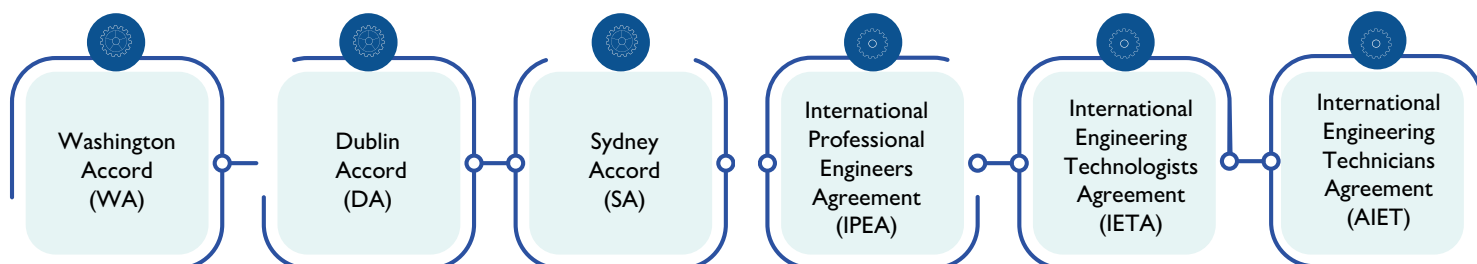
International Relations

In the quest to fulfil its statutory mandate and be globally competitive, ECSA engages in several international, bilateral, and multilateral relations.

ECSA is a signatory of the International Engineering Alliance (IEA) a global association of like-minded engineering regulatory bodies from 41 jurisdictions within 29 countries, across seven international agreements and accords. The international engineering Alliance promotes global professional mobility in engineering education qualifications and professional competence.

Educational Accords

Competency Agreements





2. WHAT WE DO

Our Mandated Functions:

The EPA requires and empowers ECSA to perform the following functions:



Setting standards for engineering education and competency



Accrediting tertiary engineering programmes



Registering engineering practitioners across all categories



Maintaining a national register of competent practitioners



Developing codes of conduct and professional practice



Investigating misconduct and enforcing accountability



Recognising voluntary associations



Entering international recognition agreements



Recommending scope of engineering work to CBE



Regulating Continuing Professional Development (CPD)



Publishing guideline fees and scope of work annually



Advising government on the engineering profession

A close-up photograph of a computer keyboard. The focus is on a key labeled 'Register' in a glowing blue font, accompanied by a small icon of a clipboard with a pencil. Other keys like '1' and 'Shift' are partially visible in the background.

3. Registration with ECSA

Professional registration with the Engineering Council of South Africa provides statutory recognition that an individual has met the Council's standards of professional competence through accredited (or substantially equivalent) education and verified professional experience.

ECSA registers engineering practitioners in different categories of registration including candidate, professional and specified categories

Categories of Registration

The Engineering Profession Act, 2000 (Act No. 46 of 2000) Section 18(1), empowers ECSA to register persons in the following candidate/professional registration categories:

- Candidate/Professional Engineer
- Candidate/Professional Engineering Technologist
- Candidate/Professional Certificated Engineer
- Candidate/Professional Engineering Technician

Specified Categories

The Engineering Council of South Africa registers persons in the specified categories listed below which are created for persons who have specific training and experience in a very specialised fields that must be regulated and thus requires registration, without the registered person being an engineering practitioner.

- Lift Inspectors
- Lifting Machinery Inspectors
- Medical Equipment Maintainers
- Fire Protection System Practitioners
- Fire Protection System Rational Designers (Fire Specialists)
- Civil Laboratory Technical Controllers
- Enterprise Integration Practitioners
- Dams Specialists
- Engineering Management Practitioners
- Glazing Specialists
- Glazing Practitioners
- Road Safety Auditors
- Dolomite Specialist

Table 1: Professional Categories of Registration

QUALIFICATION (BENCHMARK)	QUALIFICATION DURATION (BENCHMARK)	TRAINING AND EXPERIENCE	SCOPE OF WORK
Professional Engineer (Pr Eng)			
BSc (Eng) OR BEng	4 years	3 years	Solving complex (CEP) engineering problems and performing complex engineering activities.
Professional Certificated Engineer (Pr Cert Eng)			
Government Certificate of Competency (GCC) AND associated qualifications to be eligible to write the GCC exam	Depends on pathway followed to be eligible for GCC exam	3 Years (including a LEGAL appointment of 12 months)	Solving broadly defined (BDEP) engineering problems and performing broadly defined engineering activities
Professional Engineering Technician (Pr. Techni Eng)			
*National Diploma OR Diploma in Engineering Technology	3 years	3 years	Solving well-defined engineering problems (WDEP) and performing well-defined engineering activities
Professional Engineering Technologist (Pr. Tech Eng)			
*National Diploma AND Advanced Diploma in Engineering Technology	4 years	3 years	Solving broadly defined (BDEP) engineering problems and performing broadly defined engineering activities
BEng Tech OR BTech	3 years	3 years	Solving broadly defined (BDEP) engineering problems and performing broadly defined engineering activities

* The benchmark qualification is an ECSA-accredited National Diploma in Engineering from a University of Technology. This does not include a National N Diploma from a TVET College

Recognised Engineering Disciplines

ECSA currently recognises the eleven (11) engineering disciplines showcased below:



Why Register with ECSA

Table 2: Why Register With ECSA

FOR INDIVIDUALS				
 Professional Recognition: Use of protected titles (e.g., Pr Eng)	 Public & Peer Trust Proven competence backed by assessment	 International Recognition: Qualifications recognised under global accords	 Career Marketability: Registration increasingly required for senior roles	 Legal Empowerment: Reserved scope of work for registered professionals
FOR EMPLOYERS				
 Assurance of Competence	 Enhanced Reputation	 Legal Compliance: with OHS Act and other regulations	 Accountability: Misconduct can be formally investigated	
FOR THE PROFESSION & COUNTRY				
 Uplifted Standards	 Global Competitiveness	 Improved Public Safety through regulated engineering practice	 Partnership with State to safeguard public interests	

Maintaining Registration with ECSA

Once a person is entered onto the Register of the ECSA, they are recognised under statute as a registered professional in their respective category and is required to maintain and renew their registration status through compliance with the CPD Rules and the payment of their annual fees.

The ECSA Rules for **Code of Couduct** for Registered Persons provide guidance on how they should conduct themselves when practicing engineering work within the category they are registered under.



Contact Details

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Please take note of the following email addresses for directing customer inquiries or queries:

<i>engineer@ecsa.co.za</i>	For financial matters or general ECSA inquiries.
<i>registration@ecsa.co.za</i>	For registration-specific inquiries.
<i>cpd@ecsa.co.za</i>	For CPD related queries
<i>evaluation@ecsa.co.za</i>	For Education Evaluation related queries
<i>academies@ecsa.co.za</i>	For queries related to training academies
<i>ecsa-improperconduct@ecsa.co.za</i>	For any allegations of improper conduct involving Registered Persons.



Engineering Council Of South Africa – ECSA

Please follow the engineering discourse and become a role player.

Please contact us with feedback on improving our communication. Feedback and comments may be emailed to ***ecsa-comms@ecsa.co.za***