



CESA

Consulting Engineers South Africa

The Voice of Consulting Engineering

OVERVIEW – CESA COMPLIANCE SYSTEMS & MEMBERSHIP BENEFITS

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EARLY CONSULTING ENGINEERS IN SOUTH AFRICA

- The first known local consulting engineering practices were formed after the **First World War (1914 – 1918)**.
- **Firms were small** and consisted of a number of eminent engineers whose advice in civil, mechanical and electrical engineering was sought because of their personal standing in the engineering profession.
- These first consulting engineering practices generally operated as **partnerships in niche markets** such as roads, railways, power generation and bulk water supply.
- By the 1950's some of the **leading consulting engineering practices were already employing more than 50 staff members.**

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ESTABLISHMENT OF CESA

- In 1951 a small group of independent consulting engineers formed an organisation to establish a **code of conduct and ground rules for endorsing the professionalism and integrity** of its members.
- On 19 August 1952 at Kelvin House in Johannesburg, the **South African Association of Consulting Engineers (SAACE)**, the predecessor of CESA, was established and the draft constitution was adopted.
- Membership grew over the years as follows:
 - **30 Individual engineers in 1952**
 - **200 individual members in 1968**
 - **600 individual members in 1982**
 - **1 000 individual members in 1990**
 - **375 member firms in 1998**
 - **544 member firms in 2016**

CESA GROWTH OVER 60 YEARS

- In 1957 SAACE joined FIDIC (International Federation of Consulting Engineers) and is the **7th largest member association of FIDIC**
- By late 1950s, SAACE, as a body of dedicated professionals, was playing a **major role in infrastructure development** in South Africa.
- In 1962, over 50 years ago, a PI scheme was adopted by Glenvaal, forerunner of Glenrand, now Aon, known as the **CESA PI Scheme**.
- In 1980, the SAACE Q&RM Committee initiated the SAACE **Advisory Notes** intended to assist members in managing enterprise risk.
- In 2008 SAACE rebranded to '**Consulting Engineers South Africa**' (CESA)
- It became mandatory in for member firms to implement:
 - **Quality Management Systems (QMS) in 2006**
 - **Business Integrity Management Systems (BIMS) in 2011**
 - **Sustainability Management Frameworks in 2014**
- See CESA website at <http://www.cesa.co.za/node/33>

GOVERNANCE

- CESA is a voluntary association with member firms.
- It is managed by a CEO with 6 Managers as follows:
 - **Chris Campbell - CEO**
 - **Pummy Mzolo – Education & Training**
 - **Bonolo Nkgodi – Marketing & Events**
 - **Godfrey Ramalisa – Client Liaison, Branches & YPF**
 - **Sue Davis-Clarke - Finance, HR & Admin**
 - **Dennis Ndaba – Communications Manager**
 - **Wally Mayne – Procurement, Contractual Affairs, IT & Membership**
- The Head Office is in Paulshof, Johannesburg
- The Governing Body is an Executive Committee (“The Board”) drawn from the members of the Council which comprises 6 elected members, 12 Branch Chairpersons, a Deputy-President and a President.
- There are Board Committees, such as Finance, Advocacy, Marketing . . .

CODE OF CONDUCT, CONSTITUTION & BYELAWS

- As a condition of membership every member firm subscribes to the **CESA Code of Conduct**, see CESA website at <http://www.cesa.co.za/node/18>
- As an ethical code, CESA Code of Conduct **cannot be used to resolve contractual issues** - managed by dispute resolution & legal processes.
- Member firms have also to abide by the CESA Constitution & Byelaws, see CESA website at <http://www.cesa.co.za/node/18>
- A **Disciplinary Code is maintained by CESA** in order to deal with allegations of misconduct/ transgressions of the Code of Conduct and/ or the Constitution, see CESA website at <http://www.cesa.co.za/node/33>
- Usually **complaints in this regard** are dealt with by the CESA President, the CEO and the Chairman of the Membership Committee, and involve a meeting between the two parties to resolve the matter.
 - If a **sanction is recommended** it has to be approved by the CESA Board.

MEMBERSHIP REQUIREMENTS

Broadly speaking consulting engineering firms have to satisfy the following requirements to become CESA members:

- **Half of the ownership** of a Firm should be Pr Engrs or Pr Technologists
 - The Firm must have been **in existence for a year**
 - The Firm must be **registered with CIPCI**
 - The Firm must have a **minimum PI of R2 million** in each & every claim (to be increased to R5 million)
 - The Firm must agree to implement following systems:
 - **Quality Management Systems (QMS) in 2006**
 - **Business Integrity Management Systems (BIMS) in 2011**
 - **Sustainability Management Frameworks in 2014**
 - The Firm's application must be supported by two CESA Member Firms
- By having strict membership criteria, CESA is in effect accrediting Member Firms for the Clients & providing quality assurance (same as ECSA for PrEng)**

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CESA ADVOCACY ROLE

CESA **promotes its members to the Public and Clients** at several levels by:

- Listing members on the **CESA website and the Annual Directory of Firms**
- Liaising with all levels of Government on behalf of members wrt **new legislation, procurement irregularities, training & education etc**
- Arranging **National and Branch level liaison meetings with Clients** eg Sanral, Transnet, Eskom etc and members
- **Issuing of press releases and granting of TV & Radio interviews** on topical issues to contribute meaningful debate and raise awareness of CESA.
- **Promoting transformation** within member firms and the consulting engineering sector through active involvement in the Construction Sector Charter Council.
- Attending and **actively participating in sector events** eg Civilution, WISA Biennial Conference, IMESA Conference etc
- Cooperating with like-minded organisations **through MOUs** eg BEPG

CESA MARKETING ROLE

CESA **holds a number of Annual Events** for the benefit of members and to raise awareness of CESA, such as:

- The **CESA Presidential Breakfast** – this is where the President delivers her Theme for the year ahead, to the media and members of the Board.
- The **CESA-AON Excellence in Engineering Awards** – this is a prestigious event recognising leading projects in many categories, undertaken by the members.
- The **CESA Infrastructure Indaba** – this is the CESA Annual Conference, attended by members and other colleagues from the Built Environment, including Clients.
- The **CESA Annual Relay** – aimed at the member firms, a fun-filled day for member firms and employees and their families.
- The **CESA Presidential Golf Day** – networking event aimed at members.

CESA COMMUNICATION WITH MEMBERS

CESA issues a number of communiques to its members, some planned and others on an ad hoc basis, as follows:

- The **CESA Inside Track** quarterly magazine – contains professionally written articles relating to the life of CESA over past quarter.
- The **CESA eNews** fortnightly newsletter – contains brief introductions to current sector and CESA news followed by weblinks for the full article.
- **Ad Hoc** newsflashes – these are sent out whenever the need arises eg when CESA receives new/ revised legislation for comment.
- CESA maintains several members' databases - **Mandated Principals** – one per firm, **Office Heads** – manage branch offices, **Principals** – many/ firm
- **BECS, Bi-annual Economic Capacity Survey** - economic survey of member firms, see website
- **PE Corporate Services Annual Salary Survey** – funded by CESA as member benefit, undertaken annually and well-used by members

CESA MEMBERSHIP BENEFITS

Membership of CESA carries a number of benefits in addition to those already alluded to:

- **Advocacy** – industry challenges, assists with clients
- **Networking & knowledge sharing** – seminars, conferences
- **Business support** – business opportunities, best practice guidelines
- **Contractual affairs** – contractual & procurement issues
- **Market intelligence** - BECS
- **Public sector support** – capacity building in govt
- **Young professionals forum** – under 35 years, very active
- **Quality Management system** – mandatory, will assist
- **School of Consulting Engineering** – CPD training courses, registration, BCE
- **International business development** – BEPEC & FIDIC

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**THANK
YOU**