

Commonwealth Engineers' Council

Strategic Plan 2023-25

Mission

CEC's Mission is to promote and support the role of engineers and engineering in the Commonwealth as a key enabler of the critical infrastructure that underpins civilisation, the achievement of the UN Sustainable Development Goals and the response to the global climate emergency.

Strategic Objectives

1. **Share Knowledge:** Foster co-operation and the exchange of information among the members and other similar organisations; and encourage and facilitate the transfer of technology between countries;
2. **Capacity Building Towards Professional Registration:** Support the development of in-country engineering institutions throughout the Commonwealth; and facilitate recognition of engineering qualifications and promote mobility of engineering practitioners across the Commonwealth countries;
3. **Support Engineering Education:** Foster the education, training and professional development of engineering practitioners at all levels of professional and technical competence;
4. **Promote Ethics, Equity, Diversity & Inclusion:** Strive for increased equity, diversity and inclusion within the engineering profession; and promote dialogue on ethical standards within the profession;
5. **Deliver Projects & Impact:** Undertake specific projects relating to the objectives of the Council, in collaboration with member and partners;
6. **Good Governance:** Do all other things incidental and conducive to the attainment of the objects of the Council;
7. **Effective Communication:** Promote virtual and in person communication networks to facilitate the implementation of these aims and objectives.

Objective 1: Share Knowledge

To foster co-operation and the exchange of information among the members and other similar organisations; and to encourage and facilitate the transfer of technology between countries.

Actions

- Maintain an equitable dialogue with our members and partners (through the Actions of Objective 7) to share relevant information and thought leadership, in order to address the Sustainable Development Goals, building engineering capacity, and create a sustainable and inclusive built environment (including information of subject matter relevance as well as education, financial, governance, and policy information)
- Maintain our membership and involvement in the World Federation of Engineering Organisations (WFEO) and share relevant information and activities with CEC members who are not represented at WFEO in their own right
- Use our influence and leadership on the International stage, through CHOGM and COP meetings, for example, to represent the strengths, requirements and concerns of

Commonwealth engineers and Commonwealth countries, and promote the role of engineering solutions to address sustainable development and climate change

- Promote and support the call to action on sustainable urbanisation across the Commonwealth as represented by the Kigali Commitment signed by CEC in June 2022 at the Commonwealth Heads of Government Meeting

Objective 2: Capacity Building Towards Professional Registration

To support the development of in-country engineering institutions throughout the Commonwealth; and to facilitate recognition of engineering qualifications and promote mobility of engineering practitioners across the Commonwealth countries.

Actions

- Share resources and best practice in relation to the development of engineering membership organisations and engineering registration bodies, with the aim of creating a body of engineers in-country with the skills, knowledge and competencies required of engineering professionals who meet the International Engineering Alliance (IEA) or similar framework requirements for shared professional competency
- Create partnerships between experienced and developing member institutions with a view to build capacity locally
- Celebrate the achievements of Commonwealth nations' engineering organisations and share their successes more widely
- Support a Standing Technical Committee on Engineering Education and Professional Development to implement the actions of this Objective
- Organise international workshops, forums, and seminars related to engineering education and professional development
- Develop and promote policies, strategies and practice guidelines related to engineering education
- Develop Continued Professional Development (CPD) and recognition opportunities for engineering education and professional practice
- Communicate to the CEC and the Commonwealth international community the work of the WFEO Committee on Education in Engineering through our communication channels.

Objective 3: Support Engineering Education

To foster the education, training and professional development of engineering practitioners at all levels of professional and technical competence.

Actions

- Through a mentorship programme, use CEC members to support Commonwealth engineers to progress from graduation to Professional Registration
- Create training resources and CPD certification to support the abovementioned mentorship programme
- Develop and deliver relevant CPD content to ensure that Professional Registration can be maintained

Objective 4: Promote Ethics, Equity, Diversity & Inclusion

To strive for increased equity, diversity and inclusion within the engineering profession; and to promote dialogue on ethical standards within the profession.

Actions

- Continue to work with partners (including the Sibot the Engineer Programme from Zimbabwe) to promote engineering to the next generation of young people, especially girls
- Ensure gender neutral language in all of our documents
- Strive to achieve mixed gender panels for all events and webinars, and promote this practice amongst members
- Understand and represent the requirements of an inclusive built environment and promote this to members and in all of our work
- Give space and listen to the voices of all of our members in a fair, equitable and respectful way
- Apply the '*nothing about me, without me*' mantra to our work
- Encourage the engagement of young people in our work as much as possible, and give opportunities for leadership
- Create an inclusive culture at Executive Board Meetings and ensure all voices are heard
- Comply with the *Leave No-one Behind* ethos of the UN SDGs
- Adopt the Code of Ethics developed by the World Federation of Engineering Organisations
- Ensure ethical standards and behaviour of all CEC representatives, and create a culture where concerns can be raised safely
- Strive for zero tolerance for corruption and bribery

Objective 5: Deliver Projects and Impacts

Undertake specific projects relating to the objectives of the Council, in collaboration with member and partners.

Actions

- Form partnerships with CEC members and other organisations who share common interests, including Association of Commonwealth Architects, Commonwealth Association of Planners, Association of Commonwealth Universities, the International Coalition on Sustainable Urbanisation (ICSI), the Federation of African Engineering Organisations (FAEO), and the Princes' Trust, in order to pursue our shared aims and create wider influence
- Work with the Commonwealth Secretariat on relevant projects such as the Commonwealth Youth for Sustainable Urbanisation and the Sustainable Cities Initiative to develop climate resilient solutions for the built environment
- Organise online and face to face meetings relating to the objectives of the Council, ensuring diversity of voice and representation from Commonwealth countries
- Signpost relevant meetings, workshops and seminars organised by our member institutions, and others, which are relevant to the CEC network through our communication channels
- Work with other similar and complementary Commonwealth and International Organisations, including WFEO, the Commonwealth Architects Association and Association of Commonwealth Universities to promote their events to our members

Objective 6: Good Governance

To do all other things incidental and conducive to the attainment of the objects of the Council.

Actions

- Comply with the CEC Constitution and update it where and when changes are required
- Create Rules of Procedure to implement the Constitution where required
- Be compliant with the good governance procedures and practices
- Run elections for Executive Board positions in a fair, transparent and timely manner
- Comply with the requirements of the Commonwealth Secretariat in order to maintain Commonwealth accreditation
- Grow and maintain membership in order to be representative of the engineering organisations within the Commonwealth
- Maintain regular communications with members
- Seek funding to support the objectives of the CEC in order to carry out the Objectives of this Strategy

Objective 7: Effective Communication

To promote virtual and in-person communication networks to facilitate the implementation of these aims and objectives.

Actions

- With the help of our Secretariat services provided by the Institution of Civil Engineers, UK, maintain regular contact with members and the wider community through quarterly newsletters, email communications, Whatsapp messaging, and other media where relevant
- Signpost a diverse range of information relevant to our members, supporters, and the wider community through our social media channels including Twitter (X) and LinkedIn
- Maintain our website www.commonwealthengineers.org with up-to-date and relevant information
- Grow the Twitter and LinkedIn membership to reflect our growing network of members
- Organise yearly in-person member meetings in coordination with WFEO meetings, including the bi-annual General Assembly.

Executive Board Members 2023-2025

Role	Name	Country	Member Institution
President	Dawn Bonfield	UK	Institution of Civil Engineers
Immediate Past President	Paul Jowitt	UK	Institution of Civil Engineers
Europe Representative	Kirils Holstovs	UK	Institution of Civil Engineers
Pacific Representative	Pratarp Singh	Fiji	Engineers Fiji
Caribbean and Americas Representative	Valerie Kelsick	Trinidad & Tobago	The Association of Engineers of Trinidad and Tobago
Asia Representative	Navinchadra Vasoya	India	Institution of Engineers India
Africa Representative	Trudy Morgan	Sierra Leone	Sierra Leone Institution of Engineers
South Pacific Engagement	Merv Lindsay	Australia	Corresponding Individual Member
Engineering Education & Professional Dev	Yashin Brijmohan	South Africa	<u>South African Institute of Electrical Engineers</u>
Sustainable Cities Rep	Chris Chukwunta	Canada	Canadian Society for Civil Engineering (CSCE)

Please see the CEC website where any changes to these details will be updated:
<http://www.commonwealthengineers.org/board-members.html>