



The Committee on
Women in Engineering

REPORT
TO THE
GENERAL ASSEMBLY
OF THE WORLD FEDERATION OF ENGINEERING
ORGANIZATION
2ND DECEMBER 2017.

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- Membership
- Summary of Peru activities
- International Women's Day Celebration
- Participation in UN women Programme in New York.
- Participation in Discover E Global marathon Day
- Women Empowerment programme by WTC, India

Committee Leadership

Chair: Engr Valerie Agberagba FNSE NIGERIA

Secretary: Stacey Delvecchio USA

Theme Leads: Theme 1: Engineering workforce Diversity- Stacey
DelVelcchio

Theme 2: Leadership & Empowerment- YvetteRamos

Theme 3: Engineering Startegic Indicators- Ania Lopez

UN SDG- Engr Valerie Agberagba

Membership

The re-nomination and re-validation of country members has been on-going.

- ❑ 21 Voting Members

- ❑ 6 non voting Members

2016 ACTIVITIES

- Celebration of 2016 International Women's Day. 10minutes documentary sent to all members
- Attended 61st meeting of UN CSW in New York
- Had regional meeting In Amsterdam in May
- Chair was a speaker at Discovere Global Marathon Dialogue with young and middle level engineers
- Speaker at World Trade Center, Global Economic Summit Empowerment Workshop in Mumbai
- Sponsored data gathering for Women in Engineering: Pilot in Three Countries: Malawi, Nigeria & Rwanda
- Review of findings with UNESCO, AU and other stakeholders

CWIE FAEO



ROYAL
ACADEMY OF
ENGINEERING



African Catalyst Project Statistical data for women in science and engineering.

A Pilot Project of Nigeria, Rwanda and Malawi



Project Stakeholders Review Meeting



ATTENDANCE IN 2017 MEETING

- Had 30 delegates in attendance
- 20 Member nations represented.
- The meeting had both male and female attending (This made the conversation interesting and that men were our willing allies).

Deliverables

- **Focus theme for the year 2018**

Contributing to Global Sustainable Development, Women Engineers Making a Difference

“Turning Words into Action”

- Finalize document on Diversity & Inclusion for WFEO use
- Re-instate production of Newsletters starting twice yearly.
- Indicators on participation of Women in Engineering.

Focus SDGs across the Globe

- SDG6: Water and Sanitation
- SDG7: Sustainable Energy
- SDG 9: Industry, Innovation & Infrastructure
- SDG11: Cities
- SDG 13: Climate Change

We realized, different nations have their separate focus SDG.

We will collaborate with our colleagues in other STCs and within our nations to achieve this.

Proposed Activity

- Celebrate March 8 International Women's Day in Paris
 - Half day Programme
 - In Discussion with UNESCO through Riovani Sigamoney.
 - Member nations to also celebrate in their countries with focus theme and activity around the SDG emphasis in their country.

Example Nigeria may focus on Water and Sanitation and Clean Energy to Rural Nigeria.

- Women Forum for African Engineering Week
- Institute Innovation Competition among female engineering Students
- Continue with Data on Participation OF Women in SET

A DECLARATION

- The Committee has a draft Declaration for Consideration and will be glad to have it approved at the Executive Council and at the General Assembly as a WFEO Declaration for Women Engineers that will be honoured by all National & International Members
- Draft Declaration as below.

DRAFT DECLARATION

Contributing to Global Sustainable Development Women Engineers Making a Difference with Men as Allies: “Turning Words Into Action”

- **Preamble**

Achieving the many targets within the 17 UN Sustainable Development Goals (SDGs) and the goals themselves will require a collaborative, world-wide effort among many stakeholders over the long term. All engineers, working with other practitioners such as planners, accountants, lawyers and architects among many will contribute substantially and implement solutions at regional, country and community levels. These support policies and decision-makers at these levels.

Collectively as engineers we must do this to assure the sustainability of our world and the people that live in it with due regard to environmental stewardship. It is done in the interest of all developing and developed nations and in accordance with our Code of Ethics that requires our profession to meet societal needs first and instructs our behaviour in doing so.

Women in engineering have an important and vital role to assure the meaningful engagement of our collective profession towards achieving the SDGs. Women can and will assume a variety of roles in these efforts which offer exciting opportunities and new frontiers for professional practice. In this space there are many opportunities for women engineers at all stages of their career including those who re-enter the workforce to resume their engineering careers to make a difference through meaningful contribution of their knowledge, skills, and passion to make life better for our people and sustain our planet for our children and grandchildren.

Our roles as women are many. But most important is that all of us are engineers first, and we need to work together and with others to meet this challenge of the 21st Century. There are SDGs, but the roadmap and the journey to get there is a long one, but one that is exciting and motivating for our profession that includes all women working collaboratively and respectfully in teams with men.

The WFEO-WIE Pledge

In view of the foregoing, the Women in Engineers Standing Committee of the WFEO hereby submit the following declaration for the endorsement of the WFEO General Assembly:

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That we will collaborate with our colleagues on other WFEO STCs as well as within our nations and between nations and with fellow practitioners in other professional and scientific fields to make measurable progress on the following SDGs:

- **SDG6 - Water and Sanitation**
- **SDG 7 – Sustainable Energy**
- **SDG 9 – Industry, Innovation and Infrastructure**
- **SDG 11 - Cities**
- **SDG 13 – Climate change**
- **We will encourage women engineers in our countries to engage and provide our technical expertise and management skills in collaboration and teamwork with our male colleagues. We will perform roles that include Leadership, Coordination, Team Members, Team Builders and Collaborators.**
- **We will encourage working with all colleagues and with other disciplines since solutions will require a multi-disciplinary and multi-professions approach**
- **We will work at capacity-building for young and mid-career engineering professionals with a focus on women engineers to increase and maintain the cohort of women engineers**
- **We will identify and work with Champions and Role Models to inspire women to join and to continue their practice by fostering and securing opportunities for personal growth and support in this space**

Working on these particular goals will contribute indirectly towards other SDGs such as:

- **SDG 1 – Poverty Reduction**
- **SDG 5 – Gender Equality and Women’s Empowerment**
- **SDG 8 – Economic growth**
- **Our profession will also set an excellent example towards the achievement of SDG 5 – Gender Equality, leading by example by turning the Words into Action.**
- **We will encourage our male and female peers working in this space to serve as Champions and Role Models to inspire young women and mid-career women to continue or re-enter the profession to make difference in people’s lives and quality of life in all countries of the world through our efforts. This is an exciting challenge and one that will need a sustained effort over the long term.**

For the 2018 International Women Engineers Day we will find examples of the various roles assumed by women in countries around working regionally, nationally or locally on the above SDGs where engineers will contribute significantly.

Then we will support efforts to build more examples by working on a common theme of the SDGs, a challenge that requires the skills and knowledge of all engineers working with others.

Women need Men as Allies to make this declaration true and achievable. Mutual respect and recognition of our skills and experience regardless of gender assures that we can make effective contributions to many of the SDGs directly and others indirectly.

Turning Words into Action will Make a Difference in our world.

Respectfully submitted on behalf of the WIE

Engineer Valerie Agberagba, Chair

November 30, 2017

Women Engineers.....

Making a Difference

Thank You