



LEADING CLIMATE CHANGE INITIATIVES – **THE ROLE OF THE FEMALE AFRICAN ENGINEER**

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SDG #13 **CLIMATE ACTION**
SDG #5 **GENDER EQUALITY**
SDG #17 **PARTNERSHIPS FOR THE GOALS**



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Climate Change in Africa



Effects of Climate Change In Sub-Saharan Africa

- Effect of climate change no longer a debate
- Across the continent extreme weather variations can be observed
 - Delayed weather seasons
 - Wet Season
 - Dry Season
- Excessive rains resulting in complete washouts
 - Loss of Infrastructure
 - Loss of Lives
- Prolonged and intense droughts
 - Threaten Agriculture production and food security



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Climate Change in Africa



Role of the African Woman

"If you educate a man you educate an individual, but if you educate a woman you educate a nation"
Old African Proverb

In Africa the notion that it takes a village (i.e. extended family) to raise a child relies heavily on the role of the matriarch in the family setting

The African woman leads the household

- Manages the home
- Manages finances
- On top of sustaining a career

The African woman is in a critical role to instill values and best practices in her children as well as the extended family



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Climate Change in Africa



Role of the African Woman

This vital position allows her to instill the importance of environmental protection activities and implementing climate change actions in her home and community.

Empowering the African woman can lead to advancements in food and economic security and health at both the household and national levels

African women are uniquely situated to initiate the conversations needed to bring about the need change



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The Role of the Female Engineer as a Driver for Change



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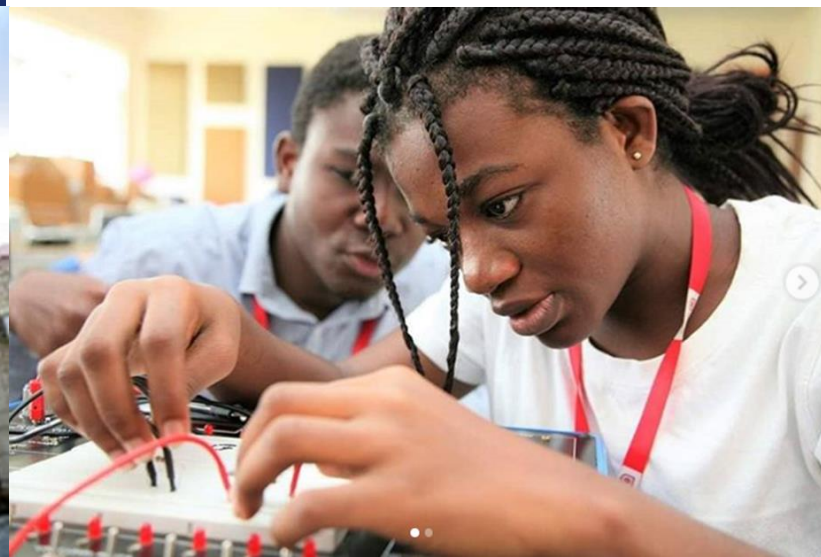
The Role of the Female Engineer



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Driver of Change

- Take lead on the discussion and implementation of Development Engineering Initiatives
- Development Engineering is an emerging field of academic inquiry and practises that seek to collaborate with local communities and industries to co-design and co-produce solutions to problems.



The Role of the Female Engineer as Driver for Change



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01.

Take lead in engaging the younger generation to become part of generating sustainable solutions to combat climate change



Work with Government bodies to develop and promote climate change initiatives across the continent

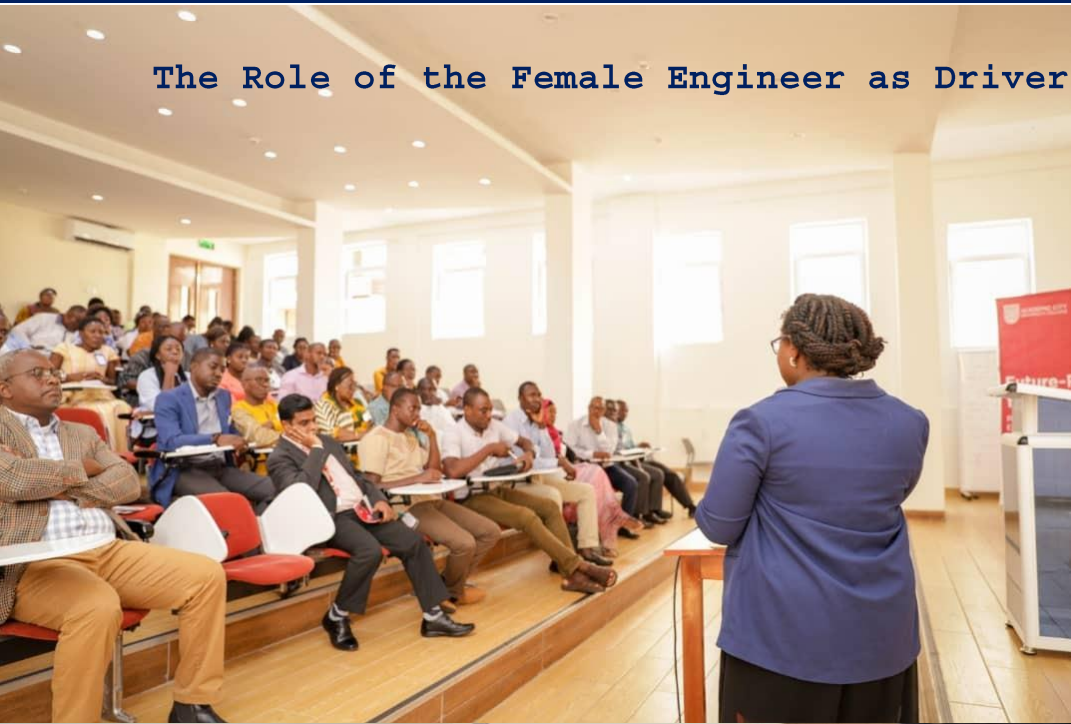


02.

Collaborate and coordinate with other women engineers to lead the climate change discussion in our rural and urban communities

03.

The Role of the Female Engineer as Driver for Change



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04. Organize events to engage the international community on the issues of climate change unique to Africa and to engage in knowledge transfer of solutions.
05. Engaging women leaders to effect both policy and behavioural changes that will affect climate change.



Thank You!

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