



# The Engineer of the Future: Redefining the **Afrikan** Narrative to Create a **Utopia** Accessible to All



## 1. What are the problems currently faced on the Continent?

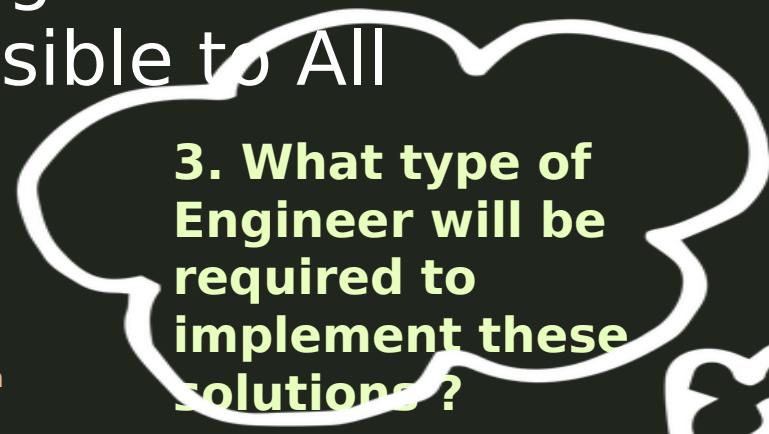
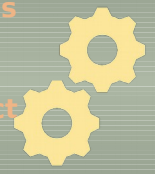


- ✓ Unemployment levels rising
- ✓ Environmental Degradation
- ✓ Climate Change
- ✓ Poor waste management and sanitation
- ✓ Poor infrastructure development
- ✓ Increasing crime rates
- ✓ Energy deficit and poor electrical networks
- ✓ Poor Governance and Corruption
- ✓ Poor health facilities
- ✓ Poverty and Donor fund dependencies
- ✓ Inflation

Afrikan problems should have Afrikan solutions.

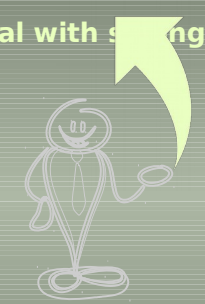
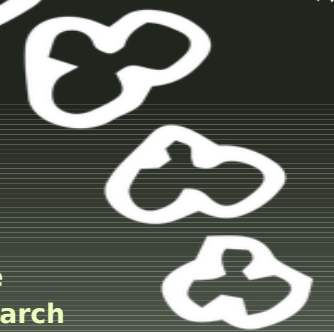
## 2. What are the possible solutions?

- ✓ Introducing technical & vocational skills in the education system
- ✓ Enforcing Environmental Safe guards
- ✓ Multidisciplinary approach
- ✓ Streamlining strict criteria for policy makers
- ✓ Revising and implementation of policies
- ✓ Making all positions attractive [Example: Technologists or one soldering paid as comfortable as one in office doing the design]
- ✓ Water source protection and catchment management to ensure sustainable supply of water
- ✓ Fostering a brand new class of Innovative and Creative Entrepreneurs
- ✓ Desalination, recycling and reuse of water. Low cost water and sanitation solutions
- ✓ Proper urban planning
- ✓ Encouraging IPP's and access to project funding



## 3. What type of Engineer will be required to implement these solutions?

- ✓ Ambitious and determined
- ✓ Problem solvers
- ✓ Creative and Innovative
- ✓ Continuous education (active participation within the Research space)
- ✓ Altruistic
- ✓ Philanthropic and humanitarian
- ✓ Good analytical skills
- ✓ Engaging
- ✓ Strategic thinkers
- ✓ Ethical with strong values



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