



# STEM Centers-2023

## Program Goals

- Establish STEM centers across sub-Saharan Africa countries: 1 STEM center per 2 million population
- Implement hands-on STEM programs
- Facilitate Local, National Continental & international Science & Engineering Fairs

## Target Groups

- Girls and Boys (12-18 Age) from schools in the catchment area of the STEM centers

## Established STEM Centers-2023

### ETHIOPIA

- Kotebe University of Education
- Bule Hora University
- Mattu University
- Raya University

### SEIRRA LEONE

- College of Theology and Management
- Every Nation Polytechnic
- Covenant Hope College

### LIBERIA

- YWCA training center for girls' education
- Bong County Technical College

### ZIMBABWE

- Chinhoyi University of Technology

### UGANDA

- Kyambogo University
- Busitema University

- |           |              |          |
|-----------|--------------|----------|
| • Zambia  | • Senegal    | • Rwanda |
| • Burundi | • Rwanda     | • Togo   |
| • Malawi  | • Mozambique | • Kenya  |

## Program Flow

Identify universities, vocational TVETs, and other academic institutions



Procure and install STEM lab equipment



Inaugurate and operationalize



Train the trainers



Expand the STEM centers network in the country



Institutionalize, sustain and handing over the STEM Centers

## Outcomes

- Annually, 110 STEM centers impacted more than 335,900 students with STEM education in sub-Saharan Africa
- Sustained by local Governments and curriculum development by STEMPower
- Conduct Local, National, Continental & International Science & Engineering Fairs



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