

## STEM POWER.ORG

# STEM Centers-2021

## **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-2021

#### **ETHIOPIA**

- Ambo University
- Wolkite University
- Samara University
- Debre Tabor University

• Harar Junior High

Gambella University

Selale University

- Wachemo University Jinka University
- Degehabur High

#### SOUTH SUDAN

- **Torit TVET**
- Yambio TVET
- Rambur TVET
- Kapoeta TVET

#### **RWANDA**

University of Rwanda

#### **KENYA**

Beverly School of 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, 57 STEM centers impacted more than 40,000 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**

STEMpower Ethiopia Office Elsi Bldg., 7th Floor, Adwa St, P.O.Box: 3/1250 Addis Ababa, Ethiopia (+251) 943-030-342

STEMpower US Office STEMpower, 45 Stiles Rd, Ste 212, Salem, NH, 03079 (U.S.A) (+1) 978-210-1055