



**ETHIOPIA COVID-19
RESPONSE TEAM**



Jerusalem Dankera
Biomedical Engineer



Mateos Kassa
Mechanical Engineer



Gobena Merga
Electrical Engineer



Kalkidan Zewdu
Biomedical &
Software Engineer



Habtmau Kehali
Respiratory Therapist



Binyam Minassie
Mechanical Design Engineer



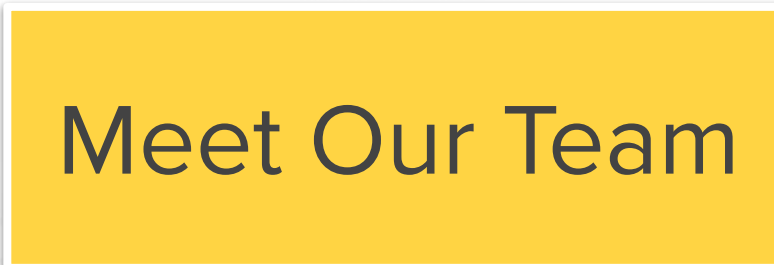
Yabebal Fantaye
Data Scientist



Dr. Folarin Erogbogbo
Prof. of Biomedical
Engineering



Yonathan Kebede
Operations,
Healthcare Administrator



Tsega Taye
Data Analyst



Tewodros Hailegeberel
Geospatial Solution
Engineer



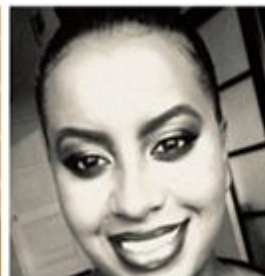
Dr. Araya Amsalu
Systems & Human
Factors Engineer



Salem Moges
Mechanical &
Aerospace Engineer



Eleni Beyene
Consultant



Kenean Mersha
Strategy
Project Manager



Dr. Metasebya Solomon
Biomedical Researcher



Fitse Gelaye
Urban Planner



Keneni Dibaba
SAS Programmer



Ventilator & Medical Devices.

Projects

Local Manufacturing

Refurbished Devices

Training Module

Medical Equipment
Maintenance

Spirowave Design

Medical Device
Donations

Local Prototype

Challenges

Immediate and Systemic

Medical
Device
Shortage

Dependence
on Importing

Scarcity for
Devices
Maintenance

Limited
Frontline
Training

Project Medical Devices



Ethiopia

Partnership **Accelerator Lab**

tackle Covid-19 challenges with local innovation

Create a
Medical Device
Product
Development
Framework

ECRT: Provide [Resources
and Guidance](#)

Mentor 3 Grant
Winner
[Engineering
Teams](#)

Under ECRT Subject
Matter Experts

Set up Lab For
Reliability and
Functionality
Testing of
Prototypes

ECRT has won a [grant](#)
for proposed plan

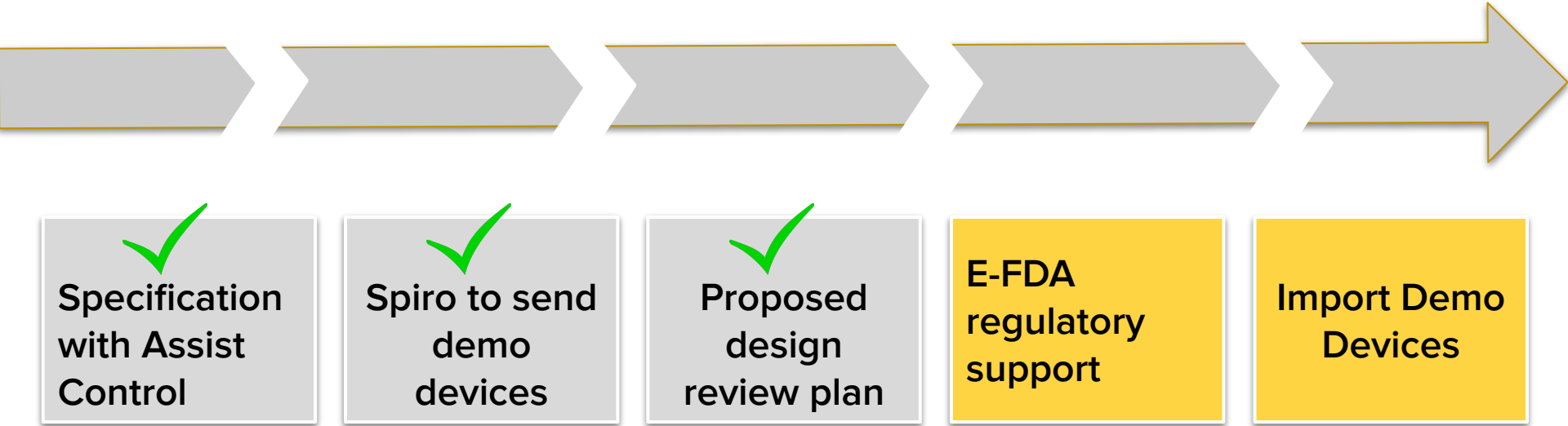
[Other Health
Tech Projects](#)

If interested, reach out
to Mateos or Jerusalem

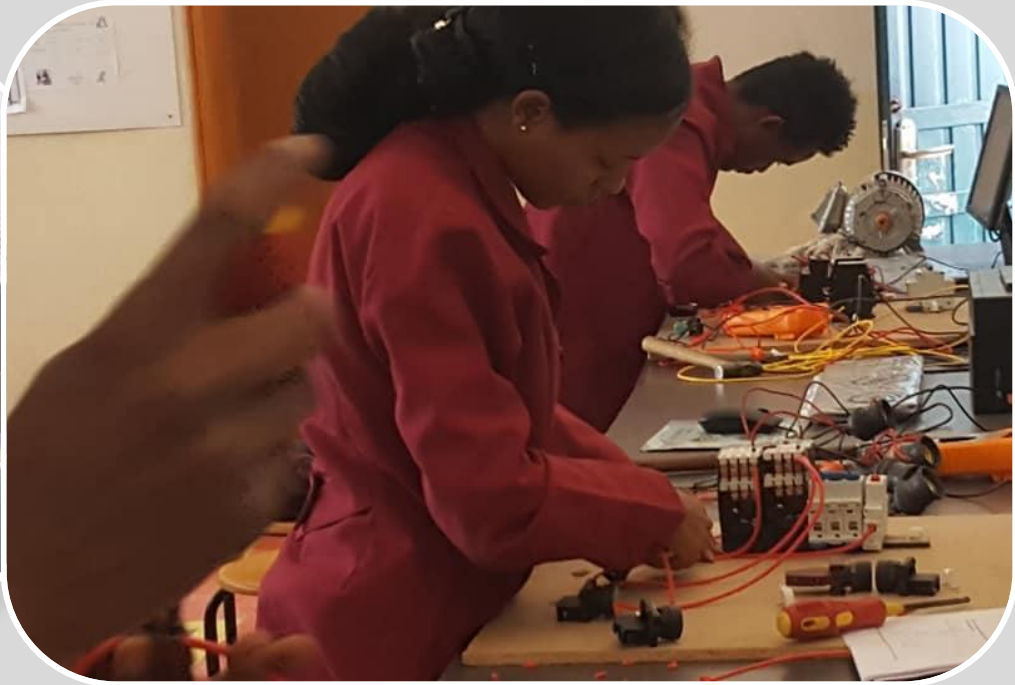
Local Manufacturing Initiative

Spiro Wave Design

Inspired by MIT Open Source Design

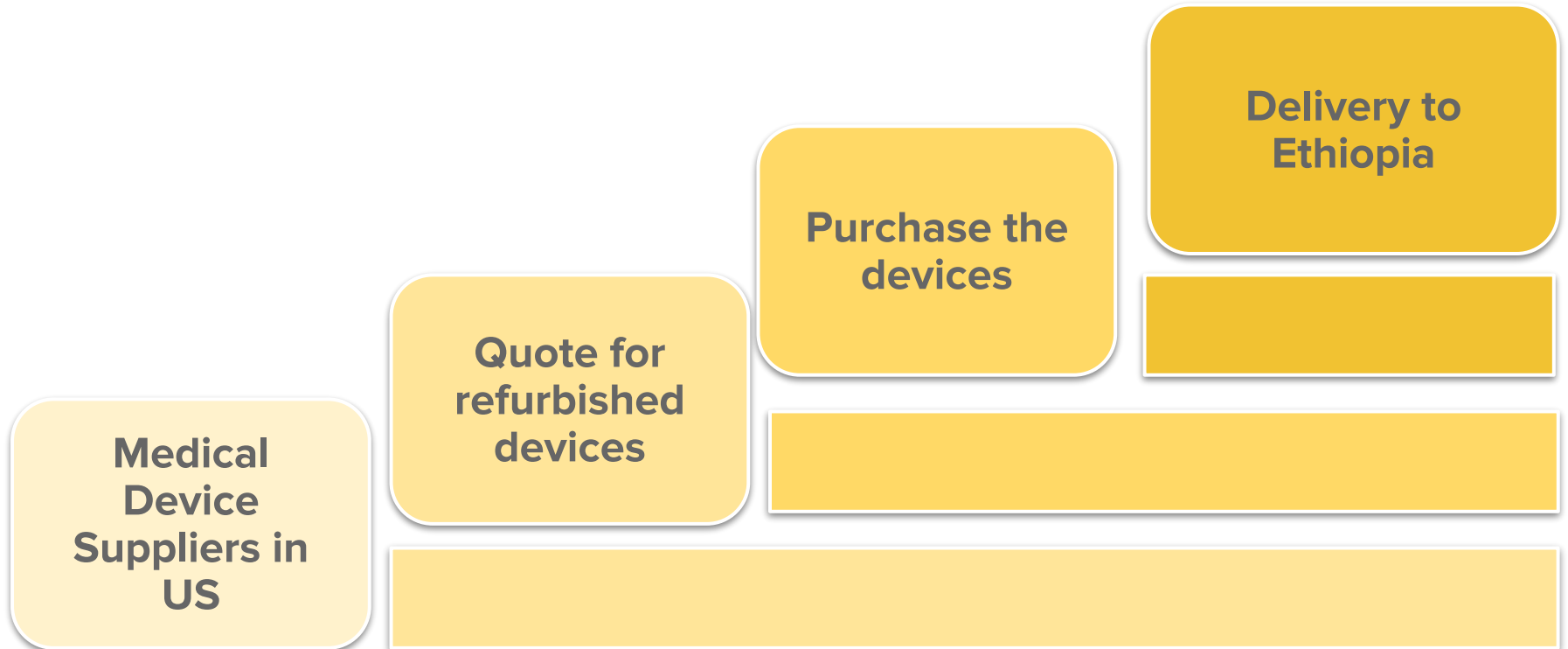


Medical Device Maintenance



Tegbareid Polytechnic College

Refurbished Devices





CARESCAPE
Monitor B450



Medical Device Donations

Reliability Testing

UNDP Partnership

LifeBox Grant.



**Ethiopian Diaspora
Council Partnership**

**Tegbareid
Partnerships**

**Surveyed
doctors
in Ethiopia**

Key Accomplishments

Three Main Tasks



Medical Equipment Maintenance Challenges

By Ethiopia COVID-19 Response Team (ECRT)



Three Main Tasks



Medical Equipment Maintenance Challenges

By Ethiopia COVID-19 Response Team (ECRT)



Thank you