

2023 INNOVATION EXCHANGE & PARTNER SUMMIT

*From Algorithms to Opportunities:
Harnessing Innovation for Youth Employment*

November 7-8, 2023

JOBS



WORLD BANK GROUP
Social Protection & Jobs



**SOLUTIONS
FOR YOUTH
EMPLOYMENT**



SESSION: Youth as solution-creators & an exciting announcement!

Youth as Solution-Creators: Voices from the Ground

Voices from the **S4YE** Youth Advisory Group (YAG)

To tackle youth unemployment, young people must have a **greater say in the policies** that directly affect them!



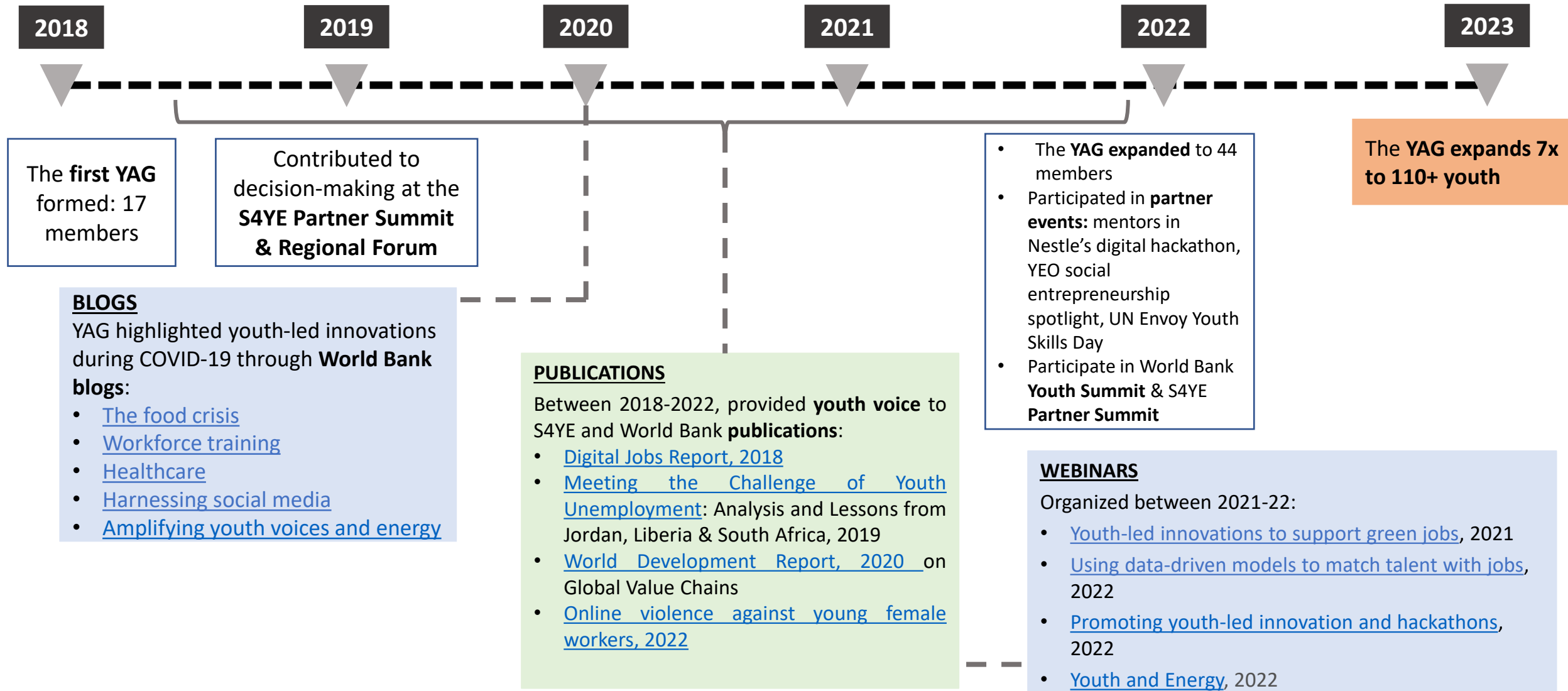
The S4YE YAG

Recognizing the importance of youth voice, S4YE has formed the **Youth Advisory Group (YAG)**, a group of **100+ enterprising global leaders** who:

- Provide input on the design of S4YE's and World Bank's youth employment programs, through participation in board meetings and events
- Highlight youth innovation and enable the S4YE coalition to tap into young people's perspectives
- Gain exposure and visibility in international networks



YAG Milestones



Expansion of the YAG: 2023

140+
Nominations
by **50+** S4YE
partners

66
Countries

120+
Selected
YAG
members

Special thank you to our Selection Panelists:

- Miranda Page, Director of Strategic Communications, **Youth Business International (YBI)**
- Marija Vasileva-Blazev, Special Advisor, **Office of the Secretary-General's Envoy on Youth, United Nations**
- Elie Mandela, Elie Mandela, Youth Engagement Lead, Pan-African Programs, **Mastercard Foundation**

The current members of the YAG are leading ventures related to **agriculture, disabilities, health, circular economy, WASH, the orange economy, EdTech and digitalization.**



Introducing..



EMERALD AKHAUMERE
Founder, AfroTechXcel



**JOHAN SEBASTIAN
CHAVEZ MOSQUERA**
Co-Founder, BeFly



MARTA VÂNIA UETELA
Founder, BioMec



ESLAM ABO ALHAWA
Co-Founder, EduPass



BRIAN MURITHI NDIRITU
Founder, Akilikash

SESSION: Youth as solution-creators & an exciting announcement!

Using insects as food & feed for a circular economy

Johan Sebastian Chavez Mosquera

Founder, BeFly
Colombia



Johan Chavez
Founder, BeFly

“Transforming organic
waste into food by
using insects.”





1.6 billions tonnes of food is discarded anually



The transformative power of the Black Soldier Fly!



1 m² of BeFly **=** **1.500 m²** of soybean crop



Taking advantage of research!



The future of food systems belongs to youth!

SESSION: Youth as solution-creators & an exciting announcement!

Empowering girls with tech skills: A Nigerian changemaker's story

Emerald Akhaumere

Founder, AfroTechXcel
Nigeria



Emerald Akhaumere
Founder, AfroTechXcel

Addressing the Challenge



Empowering Youth



Leveraging Tech for Progress

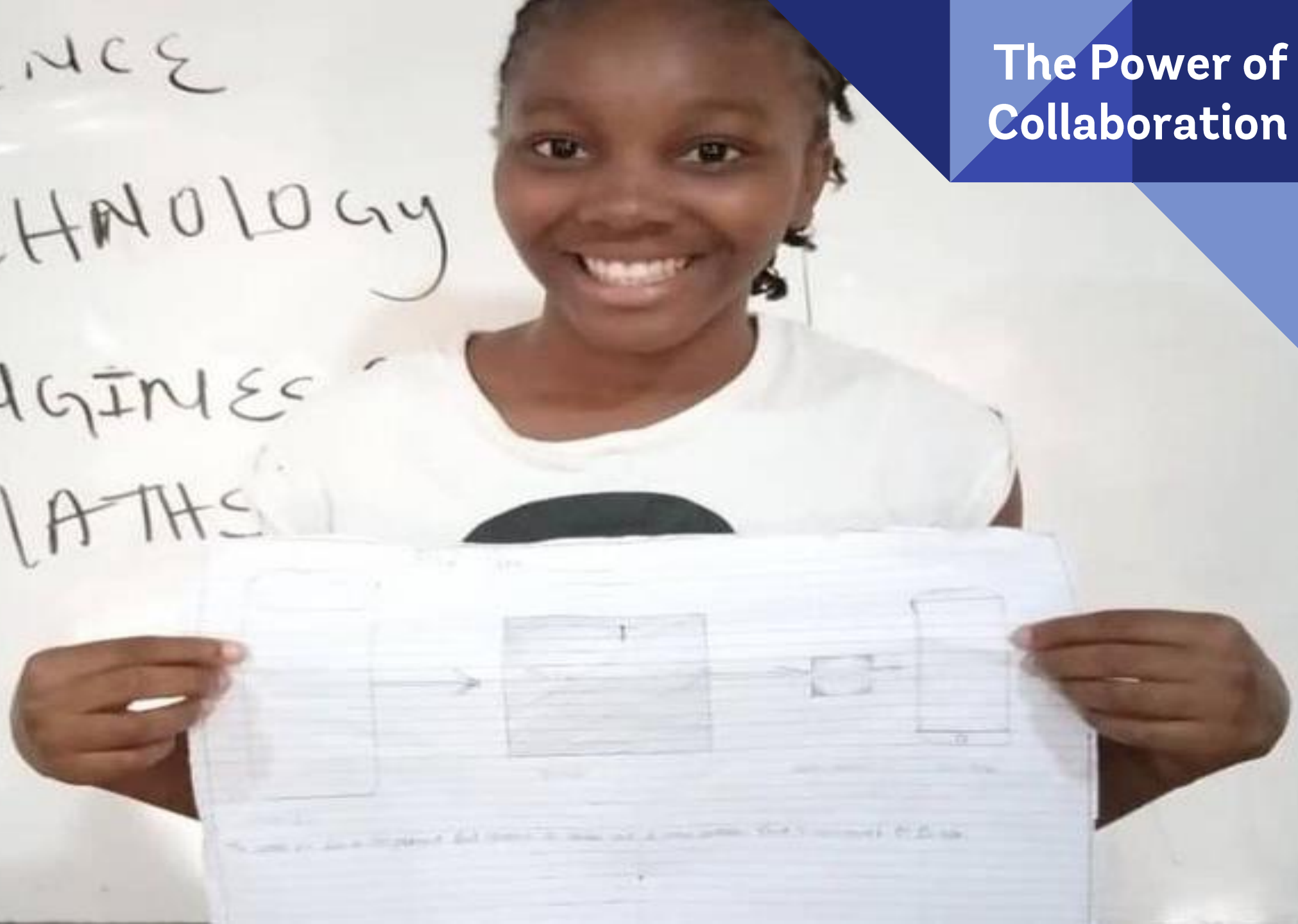


Transforming Lives



SCIENCE
TECHNOLOGY
ENGINEERING
MATHEMATICS

The Power of
Collaboration



SESSION: Youth as solution-creators & an exciting announcement!

Reclaiming human rights with mobile-based learning tools

Eslam Abo Alhawa

Co-Founder, EduPass
Syria





Gap years



Education System



Registration



Financial need



Mahmoud Kanso



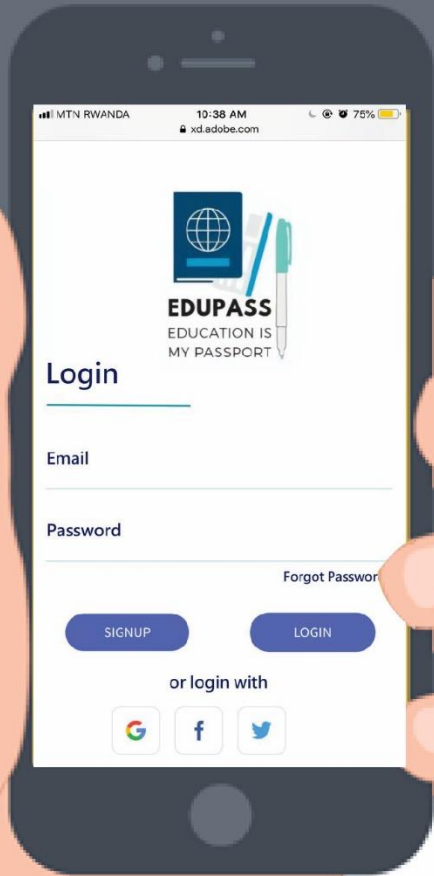
Nour Al Bidewe



Eslam Abo Alhawa



Zinab Al Mohamad



Chemistry



Biology



Math



Physics

MTN RWANDA 10:51 AM 72%

EduPass

Placement test

Math

Q1: this curve is represented by the function:

$F(x) = x^2$
 $F(x) = x^3$
 $F(x) = x^2 + 5$
 $F(x) = x^2 + 100$

Next

PROFILE

MTN RWANDA 10:51 AM 72%

EduPass

Placement test

Math

Test Average: 65%

Chapters Completed:

- Equations of two variables
- Limits
- Integrals
- Derivatives
- Areas

Number of chapters still needed: 12

Good Job! Go to the needed courses

Go to courses Go to next test

PROFILE Home favorites

MTN RWANDA 10:52 AM 72%

EduPass

Math

الدروس - lessons

- sets
- operations
- functions
- equations & inequalities
- geometry
- circles

PROFILE Home favorites

MTN RWANDA 10:52 AM 72%

EduPass

Operations

Math

The four basic mathematical operations--addition, subtraction, multiplication, and division--have application even in the most advanced

Leave a comment

Kyle Clarke 2 days ago
Thank you for the clear explanation, but I didn't understand how to divide two rational numbers

add a comment ...

PROFILE Home favorites to favorite

MTN RWANDA 10:53 AM 72%

EduPass

Ask us Anything

- Nour Al-Bidewe Project manager Active Now
- Eslam Abo Al hawa project manager 5 mins ago
- Zinab Almohamd Project manager 5 hours ago
- Mahmoud Kanso Project Manager Nov 2
- Rohit Mohan Math teacher Dec 3
- Noha M Physics Teacher Dec 3
- Amer Abo Chemistry Teacher Dec 3
- Bassam K Biology teacher Dec 3

PROFILE Home favorites

A large group of young children, likely in a classroom, are seated at desks. They are looking towards the camera. The text "EduPass Community" is overlaid in the center of the image.

EduPass Community

SESSION: Youth as solution-creators & an exciting announcement!

Gamifying financial literacy for Kenyan youth

Brian Murithi Ndiritu

Founder, Akilikash
Kenya



BRIAN NDIRITU- FOUNDER

LEVEL UP YOUR FINANCIAL GROWTH.





THE HONEY EXPRESS

Your Journey to Financial Bloom.

Let's Get Started!

Load session

Open credits

≡ Add



Interesting game you have 11:51



That was so informative man. I love it

22:29

I'll share it on status 22:30

You

<https://akilikash.itch.io/thehoneyexpress>



I think it's a creative ,well explained concept,jeep up the consistency

13:44

For the UI, i think the idea of a train is great but maybe alittle twicking of the implimentation approach

21:43

I don't know when the actual thing will be ready but the prototype is lit already

22:35

Hello.
Nimeipitia.
It's really awesome, the graphics are awesome, it's easy to use.

Nimekua nikiipitia. Iko fiti by the way.

15:31

You
Photo



Aaaaah 🙌, this is indeed quintessential and mind blowing, I like stories and I tell you, you've killed two birds with a single stone , we learn the disciplines surrounding money and at the same time journey on an interesting story, hapa mwanaume ume score ✓

22:49

I love love loveeee the layout 😍 20:27

I've not input my email cause I'm running out of storage for now. 20:28

But I like how everything looks 20:28



SESSION: Youth as solution-creators & an exciting announcement!

Circular solutions for persons with disability: Creating prosthetics from plastic waste

Marta Vania Uetlea

Founder, BioMec
Mozambique

Can medical industry go green?



Marta Uetela
Product Designer Engineer | BioMec



90%

of amputees population in Mozambique do not have access to prosthetics

6.400 tons

of ghost fishnets are collected in the mozambican coast every year

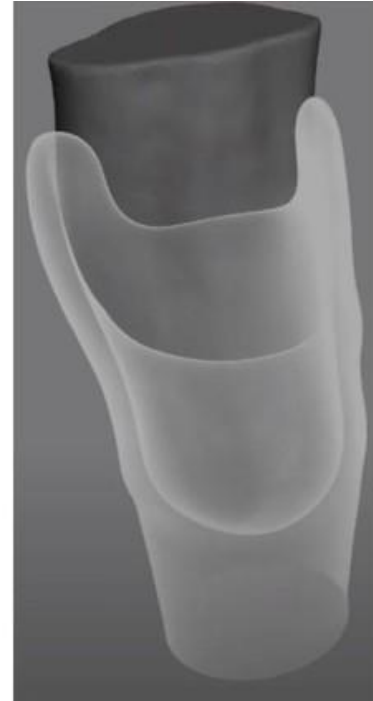
our process



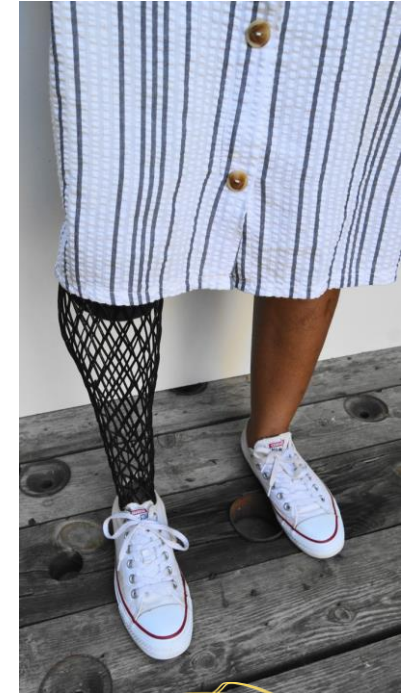
collect and process



scan limb



construct limb



3D print and voila



24 hours

compared to the 1080 hours of the conventional process

74%

composed by plastic residuals collected from the sea

3 MSW

compared to over 10 minimum salary wages of the conventional prosthetics available

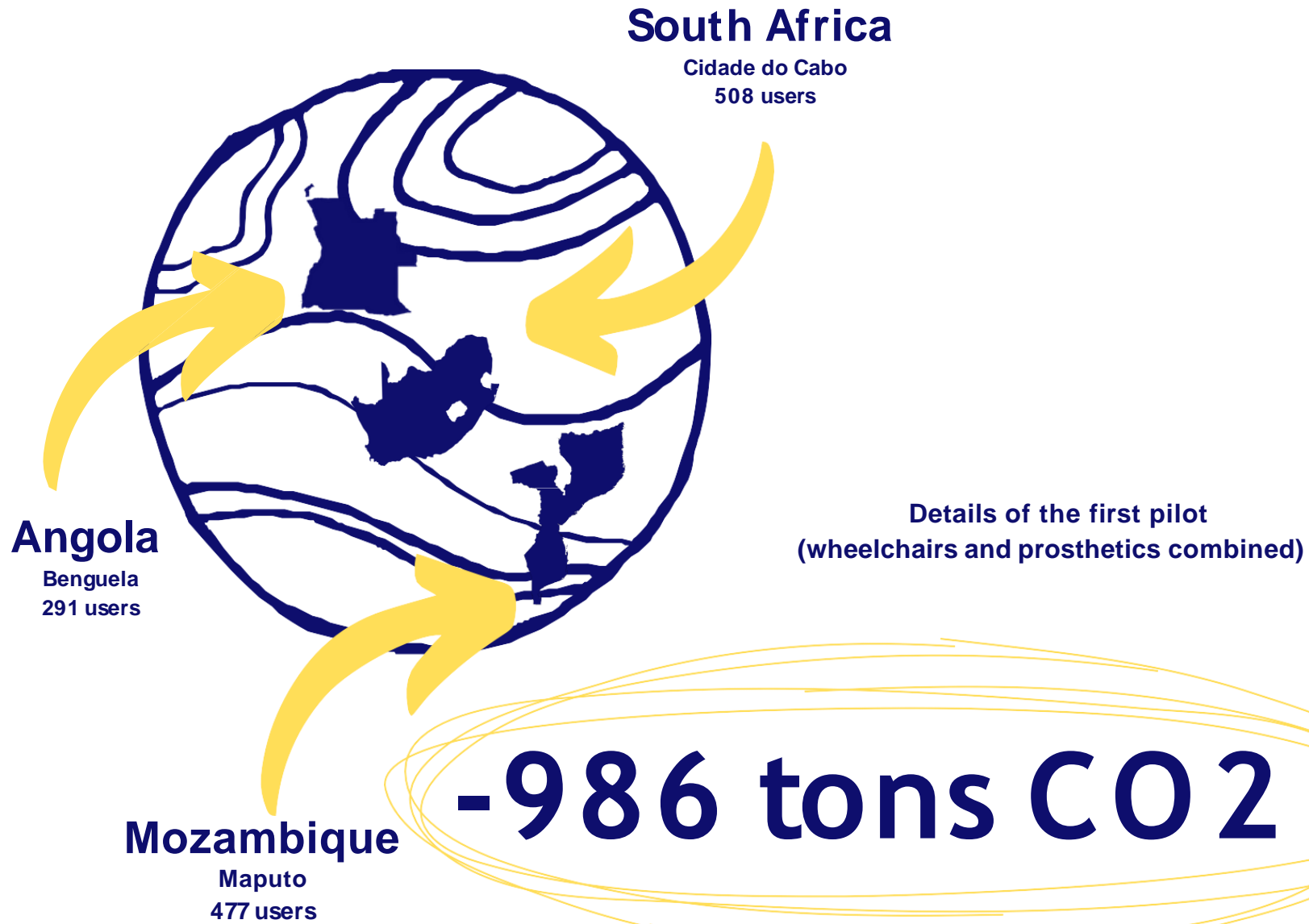






w e designed and
construted the first
w heelchair based
in plastic collected
from the sea

to compensate 1 tonne of CO₂, 31 to 46 trees are needed /year



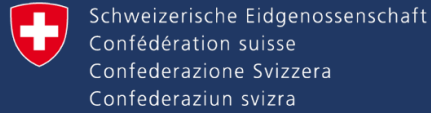
**More than
prosthetics and
wheelchairs we
build inclusion
and possibilities**

info@biomec.co.mz



SESSION: Youth as solution-creators & an exciting announcement!

An exciting announcement...



Announcing the..

World Bank Youth Innovation Challenge: Water Solutions for the New Climate Reality

A joint initiative of the World Bank's S4YE, the Water Global Practice & water tech companies..



Catalyzing the next gen of *aquapreneurs* to solve the big water challenges.. Launching at COP28!

The challenge is designed to accelerate water innovation and unlock the potential of young innovators *aquapreneurs* globally. We aim to identify and support young shooting stars by providing them access to technical training, networks, and mentorship, to pilot and scale transformative water solutions.



OBJECTIVES

For S4YE partners

- i. **Address the water crisis & create a pipeline of aquapreneurs**, by enabling shooting star entrepreneurs

- ii. **Become youth champions:** Partners direct resources (through mentorship, funding) toward youth solving the most pressing water challenges of our time!



Track 1
Too much water



Track 2
Too little water



Track 3
Compromised water quality



Track 4
Mismanaged Water Utilities

Addressing issues such as:

Flooding, sea level rise, coastal erosion, storms, ocean acidification

Water scarcity, access, draught, food, agriculture issues



Contaminated drinking water, public health

Resilient water & sanitation infrastructure, digital, preventative maintenance

CEO Partners:

NATRX
ADAPTIVE INFRASTRUCTURE



PHASES	<u>PHASE 0</u>	<u>PHASE I</u>	<u>PHASE II</u>	<u>PHASE III</u>
GOAL	PARTNER OUTREACH	GLOBAL CALL TO ACTION	PITCH PREP & SELECTION	ACCELERATE IMPACT
Timeline	November	Nov - Feb	March	Mar - Aug
KEY MILESTONES	<ul style="list-style-type: none"> Soft launch - S4YE Summit - Water GP Balkans event <p>S4YE SUMMIT DC</p>	<ul style="list-style-type: none"> Recruit & register shooting star aquapreneurs <p>COP28 DUBAI</p>	<ul style="list-style-type: none"> Pitch perfect training webinar CEO Reverse Dragons Den to select winners - WB Spring Meeting <p>INTL. WORLD WATER DAY HYBRID</p>	<ul style="list-style-type: none"> CEO mentoring Accelerator learning events Investor Pitches at WB Fall Meetings, DC <p>WORLD WATER WEEK SWEDEN</p>
FOUNDING PARTNERS	<p>NGO Champions:</p> <p>TBD</p>	<p>Water-tech CEO Champions:</p>  <p>Corporate Champions:</p> 		
TARGET YOUTH		500 teams	40 teams (4 tracks x 10 shortlisted teams)	20 teams (4 tracks x 5 winners)

Calling for partners for each phase!

Some CEO Champions who have joined us!



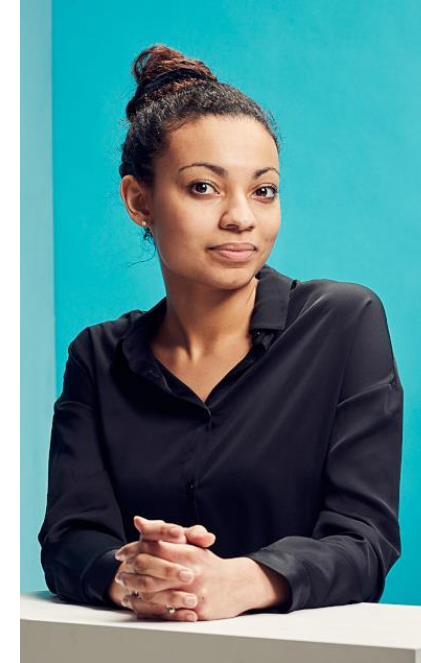
[Tatiana Estevez](#)
CEO & Founder
Permalution



[Navy Mckee](#)
CEO & Founder
Kai Pono Solutions



[Gabriela Almeida](#)
CEO
NS2



[Naysan Saran](#)
CEO & Founder
Cann Forecast



[Patrick Decker](#)
President and CEO
Xylem