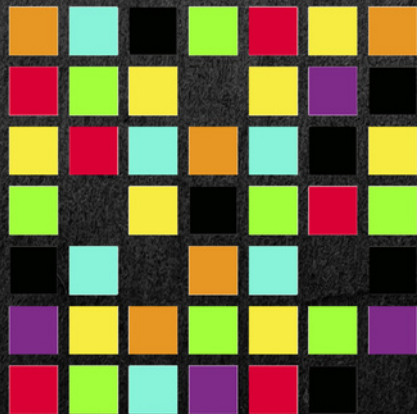


# SPARKBOOK SA INNOVATION SUMMIT

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2021



SA INNOVATION  
SUMMIT.



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## Programme

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Day: 2 <b>22 September</b>	<b>8-9</b>
Day: 3 <b>23 September</b>	<b>9</b>

## Speakers

Meet out Speakers	<b>10,12,14,16</b>
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## Competition Finalists

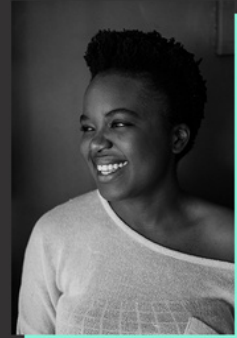
Africa Cup	<b>22-27</b>
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# EXPANDING HORIZONS



WRITTEN BY PUNO SELESHO

There are those who know which  
stars square and circle the moon  
The scientists who speak of the  
universe and expansion  
Imagine - in a single second, the  
movement of matter  
Moving, shaking, vibrating and  
ultimately colliding!  
Creating a new reality  
A new way of being begins  
forming...

As the universe expands, so light  
starts to stretch - like a crumpled  
fist, finger by finger, uncurling,  
unfurling, a growing glow begins  
reaching, filling every corner and  
crevice of existence

Liberating light filling pockets of  
unexplored places

I may not be a scientist  
But I am an artist - and I know the  
heartbeat of change, I feel the  
rhythm of innovation and I see the  
signs of humanity expanding

Together, we have faced the  
furnace But it is heat that makes us  
move and morph into something  
new

It is time for me and you to break  
barriers  
Go beyond borders  
To collaborate on the continent  
To create: more unicorns than ever  
before  
Then celebrate: every win, every tiny  
movement

And may we never fear failure again  
For even fallen stars are symbols of  
things hoped for and monuments  
of what once was

It is now or never! Or would you  
rather wait for yet another  
pandemic before you begin to live?

Let us leap with courage at all that  
is to come

Let us showcase, connect and  
capacitate  
May Africa's light touch every  
corner of the world  
May we illuminate lives and minds  
with our creativity and empathy!

Africa, your horizons are expanding.



# Welcome Message from the **CPT** Mayor

---



SA Innovation Summit 2021

As Africa's Leading Digital City, the City of Cape Town is pleased to once again partner with the South African Innovation Summit for its 2021 hybrid-virtual conference.

The past year has required us to focus even more on innovation, creativity and resilience. Cape Town is a forward-thinking City which continues to focus on the future and ensure that we remain a hub of opportunity and innovation.

The City's support of the SA Innovation Summit has always aimed to shine a spotlight on innovation within our city, country and continent; to display what we have to offer to the rest of the world.

The work done by local innovators has seen our city consistently ranked as one of the top technology hubs in the world.

The SA Innovation Summit is brings together the world's leading thinkers and innovators, while also nurturing some of the country's budding entrepreneurs.

Cape Town's ability to offer investors access to world-class infrastructure, talent, capital, way of life, investment incentives, access to the rest of the continent and an ecosystem of impressive start-ups, have been one some of the reasons venture capitalists continue to choose to set up shop here.

This is the second year that this event takes place online with the world continuing to navigate the COVID1-9 pandemic. However, Cape Town remains open and safe for business, with a focus on recovery, and growth as a tech hub to continue building our reputation on the international stage.

My best wishes to everyone for a productive and successful summit,

Executive Mayor of the City of Cape Town

Dan Plato



## COVID-19 SAFETY PROTOCOL



# A CREATIVE CITY

## WHERE WORK, CREATIVITY AND TECH COLLABORATE.

Constantly on the cutting edge, Cape Town is home to a large cluster of creative industries. It's where creative businesses thrive!

[www.investcapetown.com](http://www.investcapetown.com)



CITY OF CAPE TOWN  
ISIXEKO SASEKAPA  
STAD KAAPSTAD



INVEST CAPE TOWN  
COLLABORATE | ENABLE | PROMOTE





# WHERE START-UPS & INVESTORS MEET

INNOVATIONSUMMIT.CO.ZA



**WHERE GREAT  
IDEAS MAKE IT!**

**EXPANDING  
HORIZONS**

**SAIS2021  
21 - 23 SEPT**



**CAPE TOWN  
& ONLINE**

# SA INNOVATION SUMMIT.



**AFRICA'S LARGEST TECH START-UP EVENT**

## **EXPANDING HORIZONS FROM AFRICA TO THE WORLD**

The only conference where you can connect with the entire entrepreneurial and innovation ecosystem on one platform.

 [sainnovation](#)

 [#innovsummit](#)

 [innovsummit](#)

[INNOVATIONSUMMIT.CO.ZA](https://www.innovationsummit.co.za)

## 21 SEPTEMBER 2021 DAY 1

Registration Commences at 7:30am | COVID FRIENDLY: Please avoid last minute queues

### BALLROOM A&B

#### SAIS2021 OPENING

A Digital View of a City in a Pandemic: Legendary Puno Poem - How to integrate Innovation through working with Start-ups in Cities on the African Continent  
Alderman JP Smith: City of Cape Town

#### SETTING THE SCENE FOR CORPORATES TO MEET START-UPS IN AFRICA

**The Path to Inclusive Economic Recovery in Africa**  
Cathy Smith: Managing Director, SAP Africa

### BALLROOM A&B

#### THINK TANK: From the Outside In: Corporate Venturing

Moderator: Kuziva Huni – Executive, RIIS  
Mmathebe Zvobwo: Executive, Telkom FutureMakers  
João Barreto: Head of Innovation & PMO, Nestlé  
Stefan Smit: Founder & CEO, Convergency

### PLANET ROOM

#### Fem-In-Tech Demo Day Opening

Colin Leshou: Acting Executive Manager – SEDA Technology Programme, Small Enterprise Development Agency

09:15 – 09:45

10:20 – 11:20

11:20 – 11:35

11:35 – 12:35

12:35 – 13:35

13:00 – 15:00

14:00 – 15:30

15:30 – 16:00

16:00 – 16:15

16:15 – 17:15

16:45 – 17:05

#### Tea/Coffee

### BALLROOM A&B

#### FIRESIDE CHAT: Corporate Venture Capital

Moderator: Llew Claassen – Managing Partner, Newtown Partners  
Cobus Rossouw: Executive Vice President – Digital & IT, Imperial Logistics Limited  
Fabian Whate: Head, Naspers Foundry  
Mmathebe Zvobwo: Executive, Telkom FutureMakers

### BALLROOM C

#### MASTERCLASS: Mastering the Metaverse

Christin e Strutt:  
Intellectual Property Attorney, Von Seidels

#### FIRESIDE CHAT: Innovation and the World of Work: A City's Perspective

Moderator: Bridgette Morris – Manager Innovation and Operational Effectiveness, CoCT  
Omashnee Naidoo: Director – Information Systems and Technology, CoCT  
Zukiswa Mandlana: Director – Organisational Effectiveness and Innovation, CoCT  
Lance Greyling: Director – Enterprise and Investment, CoCT

#### THINK TANK: Financial Inclusivity for Africa

Moderator: Tamuka Mpfu – CFO, Finclusion Group  
Chris Ball: Co-Founder, Finch Technologies  
Hilda Moraa: Founder & CEO, Pezesha  
Sandy Rheeder: CIO, Mukuru Africa  
Tatenda Furusa: Co-Founder & CEO, ImaliPay

#### Lunch (Speed Networking: 14:00 – 14:20)

#### THINK TANK: Expanding Entrepreneurial Ecosystems in the SADC Region Hosted by the SAIS 2 Programme

Keynote: Patrick Krappie: Interim CEO, Technology Innovation Agency  
Moderator: Ilari Lindy – Lead Expert, SAIS 2 Programme  
Buntu Majaja: Director – Entrepreneurship Ecosystems, SA Innovation Summit  
Sebulon David: CEO, Glowdom Edupreneurs  
Anneline Morgan: Senior Technical Advisor – Science, Technology & Innovation, SADC Secretariat  
Closing Keynote: Ambassador Anne Lammila – Ambassador of Finland to South Africa.

#### 14:30 – 15:30

#### FIRESIDE CHAT: The Start-Up Act – Why a Country Should Adopt One

Moderator: Ashraf Garda  
Matsi Modise: Founder, Furaha Africa Holdings  
Stephan Lamprecht: Founder, VS Nova  
Michael Ehst: Senior Private Sector Specialist: World Bank  
Pieter Hall: CEO, The Innovation Hub

#### KEYNOTE: Advantage Disruptors: How to Gain a Competitive Technological Edge

Calie Pistorius:  
Extraordinary Professor, Stellenbosch University

#### KEYNOTE: Innovation to Propel/Anchor the AU Agenda 2063: The Africa We Want

Rethabile Melamu: General Manager – Green Economy, The Innovation Hub

#### Tea/Coffee

#### THINK TANK: Catalysing the Green Economy

Moderator: Tine Fisker Henriksen: Chair – Advisory Committee, Green Outcomes Fund  
Rethabile Melamu: General Manager – Green Economy, The Innovation Hub  
Matthew Bray: Co-Founder & CEO, Brayfoill Technologies  
Chad Robertson: Co-Founder & CEO, Regenize  
Ariane Labat: Counsellor – Climate Action, Environment and Agriculture, EU Delegation to South Africa

#### THINK TANK: Transforming Africa Through Blockchain Technology

Moderator: Clare Kanja – MasterCard Foundation Scholar, African Leadership University  
Liebe Jeannot: Managing Partner, Akazi Capital  
Julian Kanjere: Founder, FoodPrint  
Anzell Adams: CEO, Data Ledger  
Eman Herawy: Founder, Arabs in Blockchain

#### Speed Networking

#### Fem-In-Tech Demo Day:

#### The Female Founder Takeover

The stage has been set as thirty inspiring female entrepreneurs will pitch their product and businesses as they are set to take over the entrepreneurial space.

## 22 SEPTEMBER 2021 DAY 2

Registration Commences at 7:30am

### BALLROOM A&B

#### MASTERCLASS: Re-Imagining Training Through Virtual Reality

Natalie Miller: Co-Founder, XRGlobal  
Bryan Crosswhite: Co-Founder & CEO, XRGlobal  
Ian Calvert: Founder, FURTHER

### BALLROOM C

#### FIRESIDE CHAT: Scaling to 100 Million – The Do's & Don'ts

Moderator: Andrew Herweg: Managing Partner, Stepchange Africa  
Vivian Nwakah: Founder & CEO, Medsaf  
Tim Nuy: Founder & CEO, Finclusion Group

### PLANET ROOM

#### MASTERCLASS: Map the Digital Journey of Your Business

Hanno van der Merwe: Digital Marketing & UX Design Strategy & Development Specialist, (type)DEV  
Yi-Yu (Bruce) Liu: Senior Digital Strategist, (type)DEV

09:00 – 10:00

10:00 – 10:30

10:30 – 10:45

10:45 – 11:45

#### FIRESIDE CHAT: Set-up Your Venture to Scale

Moderator: Grant Rock – Partner, HAVAIC  
Seline Van Der Wat: COO, HearX Group  
Warren Myers: Co-Founder & CEO, AURA  
Ralph van Niekerk: Patent Attorney & Partner, Von Seidels  
Greg Chen: Co-Founder & CEO, Mobiz

#### FIRESIDE CHAT: Augmenting Strategies for Business, Technology and Industrialisation Post Covid-19: Networks, Platforms and Business Models

Moderator: Amy Benn – Incubation Co-Lab Lead, Innovate Durban  
Scott Gibson: Chief Commercial Officer, Contactable  
Trod Lehong: Director: Afriqinnov8  
Pieter de Villiers: Co-Founder & CEO, Clickatell

#### TRICKS OF THE TRADE: Conscious Exit Strategies

Cindy Dibete: Founder & Lead Governance Specialist, CoSec8







# 2021 SPEAKERS





**Von Seidels**  
Intellectual Property  
Attorneys

**Your idea. Your brand.**

**Your business. Protect it.**

**As experts in IP protection for start-ups and tech companies, we can help you secure your IP in South Africa, Africa and Internationally.**

Trademarks, copyright, designs, patents, know-how, trade secrets, domain names, image rights, data privacy and confidential information are all forms of intellectual property that should be considered.

**Want to talk to us about your IP assets?**  
**Contact us at:** [innovation@vonseidels.com](mailto:innovation@vonseidels.com)

**[www.vonseidels.com](http://www.vonseidels.com)**







INNOVATIONSUMMIT.CO.ZA

# FROM AFRICA TO THE WORLD





Together, we can  
change the world.



## THE SOUTHERN AFRICA INNOVATION COLLECTIVE LAUNCH

In 2017, the Southern Africa Innovation Support Programme (SAIS 2) founded our community of learning called Connected Hubs as a network of innovation support organisations from across Southern Africa. As Connected Hubs, we went from strength to strength together, exchanging best practices amongst our members and collaborating to share knowledge and support innovation across borders.

**Now the time has come for us to take flight. To set our own course and come into our own under our new name.**

**We are the Southern Africa Innovation Collective (SAIC).**

**22 Sept**  
**15:40-16:40**

**Join us for our launch event** to find out more about the Southern African entrepreneurship environment, how this environment can be supported, and what we at SAIC are doing to contribute to a thriving entrepreneurship and innovation ecosystem across the region.





 SA INNOVATION SUMMIT.

The logo for the SA Innovation Summit, featuring a stylized 'S' composed of a grid of small squares in various colors (yellow, orange, red, green, blue) to the left of the text 'SA INNOVATION SUMMIT.' which is in a bold, sans-serif font.

# INNOVATION REVOLUTION

INNOVATIONSUMMIT.CO.ZA



NEW



UNIVERSITEIT  
iYUNIVESITHI  
STELLENBOSCH  
UNIVERSITY

100  
1918 - 2018



ENGINEERING  
EZOBUNJINELI  
INGENIEURSWESE

# Masters Degree in Engineering Management

## PREPARE TO SHAPE A BETTER FUTURE

Stellenbosch University Faculty of Engineering is proud to announce the **launch of an exciting new hybrid online Masters Degree in Engineering Management**, specifically designed to equip early to mid-career engineers and scientists with the skills they require to manage engineering, technology, innovation, strategy, projects, people and places.

The degree is positioned to prepare leaders who will proactively shape a better future.

The hybrid online delivery mode is well-suited to part-time students anywhere, be they located in Stellenbosch, Sandton, Sebokeng, Sahara, Sydney, Singapore, Surrey, Seattle or Santiago. The language of tuition is English.



For more information and application, please contact us at:

✉ [mastersengm@sun.ac.za](mailto:mastersengm@sun.ac.za)

🌐 [mem.sun.ac.za](http://mem.sun.ac.za)

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 SA INNOVATION SUMMIT.

The logo consists of a square icon made of small colored dots in yellow, orange, and red, followed by the text "SA INNOVATION SUMMIT." in a bold, sans-serif font.

**WHERE GREAT IDEAS MAKE IT!**

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**Hundreds** of your newest competitors were launched this year with venture capital funding.

With the power of **corporate venture capital**, you can turn these threats into opportunities.

**Talk to the experts today.**

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e. [info@newtownpartners.com](mailto:info@newtownpartners.com)

[www.newtownpartners.com](http://www.newtownpartners.com)



**NEWTOWN  
PARTNERS**

VENTURE CAPITAL BY ENTREPRENEURS



# WHERE START-UPS & INVESTORS MEET

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**AFRICA  
CUP**



# SA INNOVATION SUMMIT.



GreenTech



HealthTech



SpaceTech



Ed



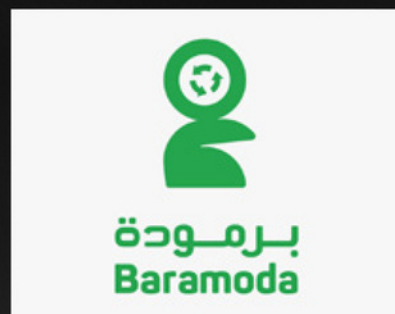
# PITCHING

## WHO WILL TAKE THE 2021 AFRICA CUP?

INNOVATIONSUMMIT.CO.ZA



**Baramoda**



**Reham Yahia - Egypt**

Email: [reham@baramodaeg.com](mailto:reham@baramodaeg.com)

Funding Stage: Series A

Investment Ask: USD 2M

Website: [www.baramoda.org](http://www.baramoda.org)

**LiquidGold**



**Orion Herman - South Africa**

Email: [orion@liquidgold.co.za](mailto:orion@liquidgold.co.za)

Funding Stage: Series A

Investment Ask: USD 3M

Website: [www.liquidgold.co.za](http://www.liquidgold.co.za)

**The Marking  
App**



**Kabelo Mahlobogwane - South Africa**

Email: [kabelohm@gmail.com](mailto:kabelohm@gmail.com)

Funding Stage: Pre-Seed

Investment Ask: USD 35,000

Website: [www.themarkingapp.co.za](http://www.themarkingapp.co.za)

**Ukonga  
(Pty) Ltd**




**Earl Joseph - South Africa**

Email: [earl@ukongaa.co.za](mailto:earl@ukongaa.co.za)

Funding Stage: Seed

Investment Ask: USD 350,000

Website: [www.ukonga.biz](http://www.ukonga.biz)



Baramoda LLC. Founded in November 2016 in Cairo. Baramoda is the first agri-tech start-up in the in the MENA region, focused on sustainable agricultural innovations, develops products that help farmers to to maximize the efficiency of agri-waste management, minimize the cost of production agricultural, reduce excessive use of chemical fertilizers, and increase crop production, at minimal usage of water resources, through organic fertilizer based on the land, crops need and the goal of agriculture.

LiquidGold Africa is an exciting high growth company in the circular economy for sanitation waste with unique dry sanitation solutions. Our focus is to save our planet's resources, reduce our customers operation costs and create new products from toilet resources (human waste) in a simple and cost effective manner. Enabling a valuable self-sustaining system while protecting our environment.

uth Africa

The Marking App is a data free mobile and web application that uses a handwriting scanning feature, high artificial intelligence and machine learning to automatically mark school assessments while giving learners access to immediate feedback, onlinesupport and study material. Teachers are given a detailed analysis of results, drastically reducing administration time, and increasing the quality of assessment and support given to learners. Learners can form virtual study groups and discuss any school work that they need to.

Ukonga provides the most relevant, affordable and effective path to township shoppers as possible through targeted monthly catalogues of discounted fast moving consumer goods. The data collected through registrations and shopper buying is shared with brands who place their products in our catalogues.



Logosflow



Moutie Abrahams - South Africa

Email: [moutie.abrahams@gtras.co.za](mailto:moutie.abrahams@gtras.co.za)

Funding Stage: Pre-Seed

Investment Ask: USD 55,000

Website: [www.logosflow.co.za](http://www.logosflow.co.za)

Khonology  
(Pty) Ltd

K H O N O L O G Y

Africa Nkosi - South Africa

Email: [africa@khonology.com](mailto:africa@khonology.com)

Funding Stage: Pre-Seed

Investment Ask: USD 50,000

Website: [www.khonology.com](http://www.khonology.com)

CIRT



Ajay Lalu - South Africa

Email: [ajay.lalu@cirt.co.za](mailto:ajay.lalu@cirt.co.za)

Funding Stage: Pre-Series A

Investment Ask: USD 1,4M

Website: [www.cirt.co.za](http://www.cirt.co.za)

Resembler



Serge Lambermont

Email: [serge@resembler.ai](mailto:serge@resembler.ai)

Funding Stage: Seed

Investment Ask: USD 750,000

Website: [www.resembler.ai](http://www.resembler.ai)

Bookt



Louis-Neil Korsten - South Africa

Email: [louis@bookt.app](mailto:louis@bookt.app)

Funding Stage: Seed

Investment Ask: USD 450,000

Website: [www.bookt.app](http://www.bookt.app)

Logosflow has provided comprehensive and flexible collection management software (CMS) with world-class support. With a balance of functionality and flexibility, Logosflow CMS is suitable for art, photographic collections, social history, natural history, and reference libraries. Using the latest cloud technologies, Logosflow does it all. It's a powerful database that makes sure all of your information is where you need it, when you need it.

Established in 2013, Khonology provides business solutions by leveraging data, digital and cloud technology. We have an astute capability to build bespoke systems for clients that prove to justify ROI, optimize processes, maximize profits and drive real business value. With our name constructed from two building blocks: The Venda word "Khono" that means key and the word 'technology', we believe that Khonology holds the key to unlocking Africa's value, by leveraging digitization and data to empower Africa's people and businesses.

CIRT uses technology & data to create returns on investments. We specialise in developing data insights that enable large corporations, including globally leading brands, to reduce costs and improve operational efficiencies by using technology and data to make improved business decisions. CIRT solutions have been showcased at the world's largest IoT and industry conferences and are built to be globally deployable. We use the data, gathered through our in-house developed solutions, to provide unique insights into our customers' markets, human behaviour, and operational efficiencies.

Resembler is a declarative traffic incident platform that captures and stores the patterns and context of developing dangerous situations based on real accident camera footage. The accident/incident situations have both a static and a dynamic context, which is analysed based on deep learning contextual AI.

Bookt is a South African EduTech startup with the mission of empowering people through books. Books allow you to learn directly from some of the greatest minds the world has seen. As such, we believe that reading should be seen as a recognised form of education.

Bookt has four pillars: the certification of knowledge gained from reading, book clubs allowing people to create online communities, dynamic and interactive reading tracking and enhanced learning to increase reading retention.





# TECHTRIBE ACCELERATOR

An online accelerator and virtual mentorship platform

Join a community of tech entrepreneurs driving Africa's development!

## FEATURES:



**LEARN** tried and tested  
startup learning content



**GET** matched to experienced  
mentors for guidance



**ACCESS**  
investors



**JOIN** a community of  
Africa's top innovators



Virtual  
Mentorship



e-Learning



Access to  
Investment



Networks

## IDEAL FOR:

We are seeking ecosystem  
partners to join our mission to  
support African-led innovation.



Partners



Mentors

We are seeking mentors to showcase  
and be matched with entrepreneurs  
through the TTA's platform.



Entrepreneurs

Entrepreneurs can sign-up  
for courses based on  
their business stage.

Take your acceleration and incubation online | Contact us on our website now

[www.techtribeaccelerator.com](http://www.techtribeaccelerator.com)





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# INNOVATION INTELLIGENCE



# INVENTORS GARAGE



## SA INNOVATION SUMMIT.



the **dtic**

Department:  
Trade, Industry and Competition  
REPUBLIC OF SOUTH AFRICA



# SHOWCASING THE INNOVATIVE TALENT OF AFRICA TO THE WORLD

INNOVATIONSUMMIT.CO.ZA





## Michael Samson

Email: [michael.samson@omniolytics.co.uk](mailto:michael.samson@omniolytics.co.uk)

Funding Stage: Angel

Investment Ask: R500 000 | US\$36 000

OmniFarm is an emerging and co Using Cloud, IoT process manage unlock opportu



## Tsedzuluso Netshimbupfe

Email: [tsedzunetsh@gmail.com](mailto:tsedzunetsh@gmail.com)

Funding Stage: Seed

Investment Ask: R3 000 000 | US\$214 286

A patented low c efficient and cos



## Niels Luchters

Email: [niels.luchters@hyenaenergy.com](mailto:niels.luchters@hyenaenergy.com)

Funding Stage: Seed

Investment Ask: R8 500 000 | US\$600 000

Hyena Power Po power pod comp The hydrogen ge released from LP electricity by the



MARULA CHARCOAL ENTERPRISES (Pty) Ltd

## Kgothatso Ramoshaba

Email: [tatsrams@gmail.com](mailto:tatsrams@gmail.com)

Funding Stage: Seed

Investment Ask: R3 300 000 | US\$235 000

A South African c Marula tree nut v manufacture the



## Alinafe Kaliwo

Email: [ceo@mechromalawi.com](mailto:ceo@mechromalawi.com)

Funding Stage: Seed

Investment Ask: R2 500 000 | US\$180 000

An automated o assets. TempCras temperature-hu functionality usin



An intelligent agricultural management platform that supports commercial poultry producers in optimising their production efficiency. Using data analytics and machine learning/AI, OmnioFarm enables real-time production management, benchmarking and adoption of prescribed standards helping producers across the poultry value chain.

A digital agricultural system for small-holder farmers to become more productive and effective

HYENA converts LPG, as the hydrogen carrier, into useable electricity. The system is comprised of two sections: a hydrogen generator and a hydrogen convertor. The generator is HYENA's core technology and is where the hydrogen is produced from LPG. The hydrogen convertor is where the hydrogen is converted to electricity using a fuel cell and the electricity is conditioned for the user.

Green Charcoal manufacturing company, producing charcoal out of the waste wood without harming the environment, i.e., they do not cut trees to produce charcoal.

A cloud-based online temperature and humidity monitoring system for cold chain logistics. It offers seamless monitoring on PC and mobile phones of all the temperature and humidity data related checks and balances. It also offers alerting via email and SMSs.



**AGRITECH**



**ENERGY**



**IoT**





## Ian Harrison

Email: [ian@karmascientific.com](mailto:ian@karmascientific.com)

Funding Stage: Angel

Investment Ask: R600 000 | US\$43 000

ERA-one is a low  
of a BVM respirator  
cycled ventilator  
breaths per minute



**MEDICISE**  
MULTIDISCIPLINARY MEDICAL HUB

## Johann Els

Email: [je@medicisesa.co.za](mailto:je@medicisesa.co.za)

Funding Stage: Angel

Investment Ask: R1 000 000 | US\$70 000

A healthcare platform  
help improve quality  
increase longevity

**BITTACHON TECHNOLOGIES**  
*Trust. Confidence. Safety*

## Mbali Nkosi

Email: [nkosimbali34@gmail.com](mailto:nkosimbali34@gmail.com)

Funding Stage: Private

Investment Ask: R300 000 | US\$20 000

A software program  
level programming  
from the input data  
profiles that are  
through stakeholders



## Siraaj Adams

Email: [siraaj@videomed.co.za](mailto:siraaj@videomed.co.za)

Funding Stage: Private

Investment Ask: R950 000 | US\$68 000

VideoMed provides  
practitioners via  
Thus, avoiding over  
treatment by some  
infections in hospitals



## Itumeleng Ratlhogo

Email: [itumelengratlhogo@gmail.com](mailto:itumelengratlhogo@gmail.com)

Funding Stage: Seed

Investment Ask: R450 000 | US\$32 000

Manufacture diabetic  
diabetic meters

cost, easy to manufacture, respiratory assist device that makes use of a reservoir bag to provide a reliable, easily deployed, easily maintained and portable device. It can be used to provide automatic and continuous positive airway pressure or patient triggered breathing assistance.

A platform that enables exercise programs and regular physical activity to improve the quality of life, maintain physical independence and cognitive ability, and overall health.

A system that performs a diagnosis and treatment options using a high-level artificial intelligence language and uses a branch of statistics to derive a diagnosis from patient data. The product has a vast medical knowledge base with disease information that is continuously updated with the latest data. Its features are designed for ease of use by the elderly and also consists of a learning module for medical personnel.

A system that provides both access to medical advice and acute care from medical professionals via telemedicine from within the confines of an independent pharmacy. This helps to reduce overcrowding at hospitals and healthcare clinic facilities ensuring that all members of the public in need of medical care, despite COVID-19, can access care.

Smart diabetes monitoring meters that provide optimum and customized monitoring for diabetics and pre-diabetics.





**When you need  
to be seen and  
heard, there is  
only one place  
to be**

**[www.iol.co.za/technology](http://www.iol.co.za/technology)**

***IOL Tech***







# FEM-IN-TECH

## ACCELERATION PROGRAMME









## AR/VR



**THOSE DEVS**

**Tebogo Marope – CEO**

Email: [tebmarope@gmail.com](mailto:tebmarope@gmail.com)

Stage: Private

Investment Ask: R500 000 | US\$36 000

[www.thosedevs.co.za](http://www.thosedevs.co.za)

Those Devs develops augmented reality (AR) and virtual reality (VR) solutions for marketing, training, and business web development.



## BIG DATA



**Sivi Covenden - CEO**

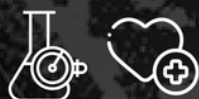
Email: [sivi@agilus.co.za](mailto:sivi@agilus.co.za)

Stage: Angel

Investment Ask: R15 000 000 | US\$1 000 000

[www.agilus.co.za](http://www.agilus.co.za)

Agilus is a private equity firm that provides valuable opportunities for growth. It is customizable and follows a business model that focuses on decision-making and decreased costs, such as augmented reality and virtual reality solutions for various organisations.



## BIOTECH / HEALTHTECH



**ORGANIC FOOD TECH**

**Lebogang Ramonetha – Director**

Email: [roseelar@gmail.com](mailto:roseelar@gmail.com)

Stage: Private

Investment Ask: R600 000 | US\$43 000

[www.organicfoodtech.co.za](http://www.organicfoodtech.co.za)

Produce unique products by sourcing ingredients from local producers. Products are sold to restaurants and wellbeing centres.



**MED-E-HIVE**  
Changing lives, one device at a time

**Leenta Grobler – CEO**

Email: [leenta.grobler@nwu.ac.za](mailto:leenta.grobler@nwu.ac.za)

Stage: Seed

Investment Ask: R56 000 000 | US\$4 000 000

[www.med-e-hive.com](http://www.med-e-hive.com)

Med-E-Hive is a company that combines the expertise of healthcare professionals with the challenges in the industry. Solutions have been developed using devices and software, algorithms, and data.



**Hanita – Muthray – CEO**

Email: [hanita@shonalanga.co.za](mailto:hanita@shonalanga.co.za)

Stage: Private

Investment Ask: R500 000 | US\$36 000

[www.kinetictherapy.co.za](http://www.kinetictherapy.co.za)

Developing a software will manage their knowledge and experience.



s develop custom solutions including virtual and  
d reality content for skills development, virtual  
marketing purposes as well as interactive business to  
websites.

procurement data analytics platform that uncovers  
opportunities for procurement leaders. The system  
zable per organization and is design to provide the  
benefits for procurement, to improve process efficiency  
on making through visibility and compliance, and  
costs and risks. Agilus uses cutting edge technology  
gmented analytics and artificial intelligence to help  
ons stay ahead of their competitors.

nique, high quality natural and organic products  
ingredients locally and from their own organic farm. The  
re affordable and available to help improve the health  
ing of people.

re develops and commercialises digital health solutions.  
g the expertise of engineers, clinicians and health  
ssionals to sculpt novel, practical solutions to everyday  
s in health systems, both public and private, their  
ave global application. Med-E-Hive connects existing  
d platforms to the Internet of Things by developing  
gorithms and systems.

g a software prototype for physiotherapists. This  
ill help the practitioner better manage their practices,  
their patients and give them the tools to improve their  
e and improve their treatment modalities.





## CLEANTECH / CIRCULAR ECONOMY



MBOKODO WASTE

**Mandisa Mdhlane – Founder**

Email: [mandisa.mdhlane@gmail.com](mailto:mandisa.mdhlane@gmail.com)

Stage: Seed

Investment Ask: R20 000 000.00 | US\$1 500 000

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**TOWNSHIP  
GREEN**

**Matilda Knill – Founder**

Email: [knillmat@gmail.com](mailto:knillmat@gmail.com)

Stage: Seed

Investment Ask: R6 000 000 | US\$430 000

[www.townshipgreen.co.za](http://www.townshipgreen.co.za)

Township G  
UV Stabilize  
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## CONSTRUCTION



**Rose Tsenase – CEO**

Email: [rose@bashoeshoe.co.za](mailto:rose@bashoeshoe.co.za)

Stage: Venture Capital

Investment Ask: R5 000 000 | US\$360 000

[www.bashoeshoe.co.za](http://www.bashoeshoe.co.za)

Bashoeshoe  
specialising  
Building Te  
Agrément  
in the form  
convention  
System del  
supported



## E-COMMERCE



**Keletso Mothupi – CEO**

Email: [keletsonnana@gmail.com](mailto:keletsonnana@gmail.com)

Stage: Seed

Investment Ask: R500 000 | US\$36 000

[www.goapeleconsulting.com](http://www.goapeleconsulting.com)

DollUp is a  
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manage th  
and manag  
client/cons  
effectively,  
freedom to  
convenient

Waste management focuses on recycling used  
kodo seeks to establish a tyre recycling plant  
the old tyres will be shredded into smaller granules  
e used to manufacture other rubber products. One  
will be to use the old tyres/granules as part of road  
on material (Bitumen) that can be used to reseal/  
oads.

Green produces a solar water heater from SASOL's  
ed L.L.D.P.E. To reduce carbon footprint natural gas  
the production process (rotation moulding). The  
pre-coloured and is effectively the same material  
or free-standing water tanks. The material acts as a  
sorber of infrared radiation, which is converted into  
system can be roof-mounted or placed on a custom-  
n even be filled from buckets, making it ideal for  
out piped water supplies.

is a commercial and residential contractor  
g in modular housing. They have an Innovative  
technology system that is SABS approved and  
SA accredited. Bashoeshoe's product comes  
of building panels and is an alternative to the  
al brick and mortar technology. The Housing  
ivers eco-friendly, recyclable, insulated, self-energy  
and fast build fabricated houses.

digital platform that enables the beauty service  
form an ecosystem that enables them to connect  
nge value amongst themselves with seamless  
ns. DollUp is an app- based business tool that gives  
service business owners a management tool to  
their revenue, productivity, inventory, client base  
nge advertising activities. DollUp allows the end  
umer of beauty services to manage their own time  
have a seamless online payment option, have the  
o book and manage their appointments at a time  
t to them.





**Ntombikayise Banda – CEO**

Email: [ntombikayise@gmail.com](mailto:ntombikayise@gmail.com)

Stage: Seed

Investment Ask: R1 500 000 | US\$110 000

[www.fundabotix.co.za](http://www.fundabotix.co.za)

The FundaB...  
an e-learning...  
the robotics...  
chosen with...  
limitations...  
innovatively...  
footprint. Th...  
and respon...  
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solve variou



**Petro Erasmus – CEO**

Email: [petro.erasmus@nwu.ac.za](mailto:petro.erasmus@nwu.ac.za)

Stage: Angel

Investment Ask: R5 000 000 | US\$360 000

PEN Play is...  
ecosystem...  
designed fo...  
well as learn...  
ecosystem...  
of the math...  
and others...  
be added fo...  
ecosystem.



**Phinda Njisane - CEO**

Email: [phindanjisane@gmail.com](mailto:phindanjisane@gmail.com)

Stage: Seed

Investment Ask: R5 600 000 | US\$400 000

[www.fourminutemedicine.com](http://www.fourminutemedicine.com)

Four Minute...  
education p...  
and abridge...  
The platform...  
short cours...  
the formal c



**Zinhle Maseko - Co-Founder & CRO**


Email: [zinhle@themarkingapp.co.za](mailto:zinhle@themarkingapp.co.za)

Stage: Angel

Investment Ask: R500 000 | US\$36 000

[www.themarkingapp.co.za](http://www.themarkingapp.co.za)

The Marking...  
that autom...  
learners acc...  
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FundaBotix product offering consists of a robotics kit and a platform to teach digital skills. At the core of the kit is a low-end microcontroller (brain module), chosen with cost in mind, which however comes with memory. FundaBotix has developed proprietary firmware to efficiently translate user code into a much smaller memory footprint. The robotics kit contains various sensors that detect changes to changes in an environment. This allows learners to create robots that interact with the environment and that can perform tasks.

Pen Play is a new creative and innovative concept for an online platform for computer games/apps as well as products for pre-primary and primary school learners as well as learning across developmental phases. The PEN Play platform will allow for content contribution from members of the mathematics/ reading / lifeskills education community that will create opportunities for new content to be made available for easy access by learners within the same shared

4MM (4th Medical Medicine) is a multimedia medical education platform that provides contextually relevant, current clinical information to support blended learning. The platform consists of videos, summaries and MOOC-style courses which can be accessed on-demand or as part of a curriculum.

Learning App is a data free mobile and web application that automatically marks school assessments while giving learners access to immediate feedback, online support, and learning material. Teachers are given a detailed analysis of results, trends, and increasing the quality of assessment and feedback given to the learners. Learners can form virtual study groups to discuss any schoolwork that they need to.





## FINTECH

CreditAIs is a financial history... achieve 86% accuracy in their risk decisions... statistically prove their target credit... and predict future track record. CreditAIs development of the blockchain...



**CreditAIs**

**Thulisile Volwana – Co-Founder**

Email: [thulisile@creditaais.com](mailto:thulisile@creditaais.com)

Stage: Venture Capital

Investment Ask: R2 000 000 | US\$150 000

[www.creditaais.com](http://www.creditaais.com)



## HOSPITALITY



**Lebo Phala – Founder**

Email: [m.lebo8@gmail.com](mailto:m.lebo8@gmail.com)

Stage: Private

Investment Ask: R50 000 | US\$4 000

Insigne offers food... offer food photo...



## IoT



**nyamezela**  
Metering

**Matsotso Vuso – CEO**

Email: [matsotso.vuso@nyamezela.co.za](mailto:matsotso.vuso@nyamezela.co.za)

Stage: Private

Investment Ask: R30 000 000 | US\$2 000 000

[www.nyamezela.co.za](http://www.nyamezela.co.za)

Nyamezela Metering... programmable... include STS Co... single-phase s... and Programm...



**ZA  
EDGE**  
Asset Management

**Mari Moloi-Makhene - Projects Director**

Email: [mari\\_moloi@yahoo.com](mailto:mari_moloi@yahoo.com)

Stage: Angel

Investment Ask: R3 000 000 | US\$200 000

[www.za-edge.co.za](http://www.za-edge.co.za)

A professional... fixed assets a... we capture o... and or a valu... based applic... Property Man... Contract Man...



## LEGALTECH



**MyLawyer**

**Mmueledi Monatisa – Founder**

Email: [mmueledi.mokubung@gmail.com](mailto:mmueledi.mokubung@gmail.com)

Stage: Seed

Investment Ask: R1 000 000 | US\$70 000

MyLawyer, by... provides vario... MyLawyer, clie... instantly and v... use include se... via the mobile... experienced la... assist them in...

ntech company that credit scores SMEs with adequate y. They make use of alternative and machine learning to accuracy. Their predictive insights help lenders to enhance ions, refine their provision overlay models based on oven behavioural variables, and most importantly expand edit universe by using non-traditional data to assess risk ture performance on businesses that have no credit CreditAIs have in-house machine learning and solidity capabilities and are building a novel solution to leverage with their scoring API.

fine dining services and in the comfort of their homes and ography services.

entering offers a family of branded prepaid and e smart meters to its customers. The product offerings ompliant Smart Prepaid Residential meters such as BS plit meters; BS three-phase split meters; DIN Rail meters nable Commercial / Industrial smart meters.

al services provider that specialises in the management of and have developed a cloud-based application whereby clients' fixed assets individually, do a condition assessment ation of the asset well up to disposal of same. The cloud- ation also extends to Movable Assets Management, nagement, Customer Relationship Management, Legal nagement and is highly scalable.

PhilMoTech, is a mobile legal services application that us legal services through the mobile applications. Through nts have access to affordable quality legal services with the ease. Many of the services clients will be able to lf-help, while others will have a lawyer on hand to assist application. The services will be provided by qualified and wyers who will also be clients of MyLawyer as the app will accessing a broader clientele.





## LOGISTICS



**Patricia Monethi – Sales**

Email: [patricia@patcologistics.co.za](mailto:patricia@patcologistics.co.za)

Stage: Private

Investment Ask: R350 000 | US\$25 000

[www.patcologistics.co.za](http://www.patcologistics.co.za)

Assist manu  
shipment of



## MANUFACTURING / 3D PRINTING



**I Am Metallurgical Solutions**  
Reliability proven

**Sibonokuhle Tapala – CEO**

Email: [kuhle3105@gmail.com](mailto:kuhle3105@gmail.com)

Stage: Seed

Investment Ask: R2 000 000 | US\$150 000

I Am Metallu  
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**PROJECTONE**  
ENGINEERING

**Katlego Malatji – CEO**

Email: [info@projectone.org.za](mailto:info@projectone.org.za)

Stage: Angel

Investment Ask: R500 000 | US\$36 000

[www.projectone.org.za](http://www.projectone.org.za)

ProjectOne  
solve manu  
efficiency in  
excellence a  
market to of  
gain compete  
They are cur  
by automati  
resource use



## RETAIL

**mighty  
small** kids

**Simone Borchering - Founder & Owner**

Email: [hello@mightysmall.co.za](mailto:hello@mightysmall.co.za)

Stage: Angel

Investment Ask: R500 000 | US\$36 000

[www.mightysmall.co.za](http://www.mightysmall.co.za)

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manufacturers, importers and exporters with the  
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urgical Solutions provides a rapid solution  
industry by printing metal components for  
machinery with a metal 3D printer. They would  
manufacture spare parts and conduct repairs with the  
inter where the industry will no longer source  
s at longer lead times.

is a manufacturing consultancy that uses 4IR to  
facturing problems and address productivity and  
crease needs. Their solutions provide operational  
and reduce operational costs allowing their  
ffer their products at a competitive rate and  
titive advantage against international imports.  
rently developing an IoT Software which works  
ng waste elimination and sustainable, smart  
e.

all is SA's first conscious kids store, stocking the  
ction of locally and ethically made kids goods, all  
roof. The best small-scale designers and artisans  
hand-picked as part of the ever-evolving collection  
ds. Every product found at Mighty Small is  
y designed, carefully handcrafted, and carries their  
attitude for supporting South African talent. Mighty  
des something for kids from all walks of life allowing  
ognize a part of themselves in their everyday play.





## SOCIAL ENTREPRENEURSHIP



**Busisiwe Ndabana – CEO**

Email: bndabana@yahoo.com

Stage: Seed Capital

Investment Ask: R10 000 000 | US\$700 000

www.smartvein.africa

Smartvein is with a flags regulatory c is designed trust and ac a unique de gateway an the vehicle. associations solution tur



**Elmarie Pereira - COO and Co-Founder**

Email: elmarie@memeza.co.za

Stage: Venture Capital

Investment Ask: R15 000 000 | US\$1 000 000

www.memeza.co.za

Memeza Sh provide Sou combining and the Sou Memeza's v together th technology



**Kris Simpson – Founder**

Email: kristindatawork@gmail.com

Stage: Seed

Investment Ask: R2 200 000 | US\$150 000

The Employ & clothing b specialist w demand loc



**Maryjane Mphahlele – CEO**

Email: maryjane@mjnewworld.co.za

Stage: Seed Capital

Investment Ask: R900 000 | US\$65 000

www.lerthokats.co.za

Smart devic an emergent Geofence al the ability to any remote cell phones



## SOFTWARE DEVELOPMENT



**Charnelle Khoza – CEO**

Email: charnellekhoza@gmail.com

Stage: Private

Investment Ask: R400 000 | US\$30 000

www.veridev.io

A digital pla non-technic reliable but teams. Thro competitive system that managemen

is a digital services provider for emerging markets, ship product called Street Governor. It is an active compliance monitoring system for minibuses. It to help end violence by improving transparency, accountability. The solution involves the mounting of device with an AI processor that functions as a services and assists in processing of data from multiple sources. Data will assist in providing decision support tools for s, law enforcement, government and taxi owners. The ns a minibus taxi into an intelligent moving asset.

out is the first black woman owned company to with Africa's first, patented Public Alarm system, physical alarms, neighbors, community safety groups with Africa Police Services to collectively fight crime. value add is bringing Private and Public Partners through technology to fight crime, while ensuring the can improve response times.

ment Empowerment App connects SME designers brand owners to the appropriate skilled textile with the objective of producing fast fashion on cally.

es used for tracking and to call for assistance during ncy crisis. Devices have GSM Modem; GPS; SOS button; and cell phone call and SMS functions. The device has o call for emergency security and health assistance at point without using devices that will attract crime, i.e

platform that enables non-technical founders to build cal solutions by improving access to competent, most importantly, affordable freelancing developer ough the bidding system, VeriDev offers founders e pricing with a built-in project management allows for ease of communication and nt of the project.





# Get to the next level with **SEDA'S TECHNOLOGY PROGRAMME**

**Increase productivity, access new markets, commercialise your innovation and get your product approved with tailored business support from Seda. Our programmes support small and medium enterprises with:**

- Business technology incubation
- Product support through:
  - Quality and standards
  - Product testing
- Quality Management Systems support (Implementation and Certification)
- Technology Transfer support
- Innovation programmes
  - Investor pitching
  - Intellectual property match making
  - Innovation challenges & forums



seda.dsbd



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Small Enterprise Development Agency.gov

**seda** 

**SMALL ENTERPRISE DEVELOPMENT AGENCY**

an agency of the dsbd



# Increase the impact of small businesses with technology support

Elevate manufacturing processes and innovation in start-ups and small and medium enterprises with Seda's Technology Programme.

Our tailored technology based solutions include:

- Business technology incubation
- Product support through:
  - Quality and standards
  - Product testing
- Quality Management Systems and training. (Implementation and Certification)
- Technology Transfer support



Partner with Seda and have access to our network of service points: 53 branches and 94 incubators and to our growing database of small businesses for your supplier development needs.

For information more go to [www.seda.org.za](http://www.seda.org.za)



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Small Enterprise Development Agency\_gov

*"Together Advancing Small Enterprise Development"*

**seda**

**SMALL ENTERPRISE DEVELOPMENT AGENCY**

an agency of the dsbd



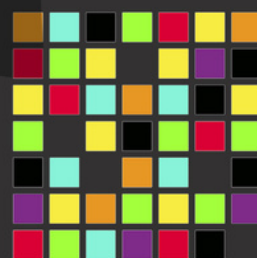


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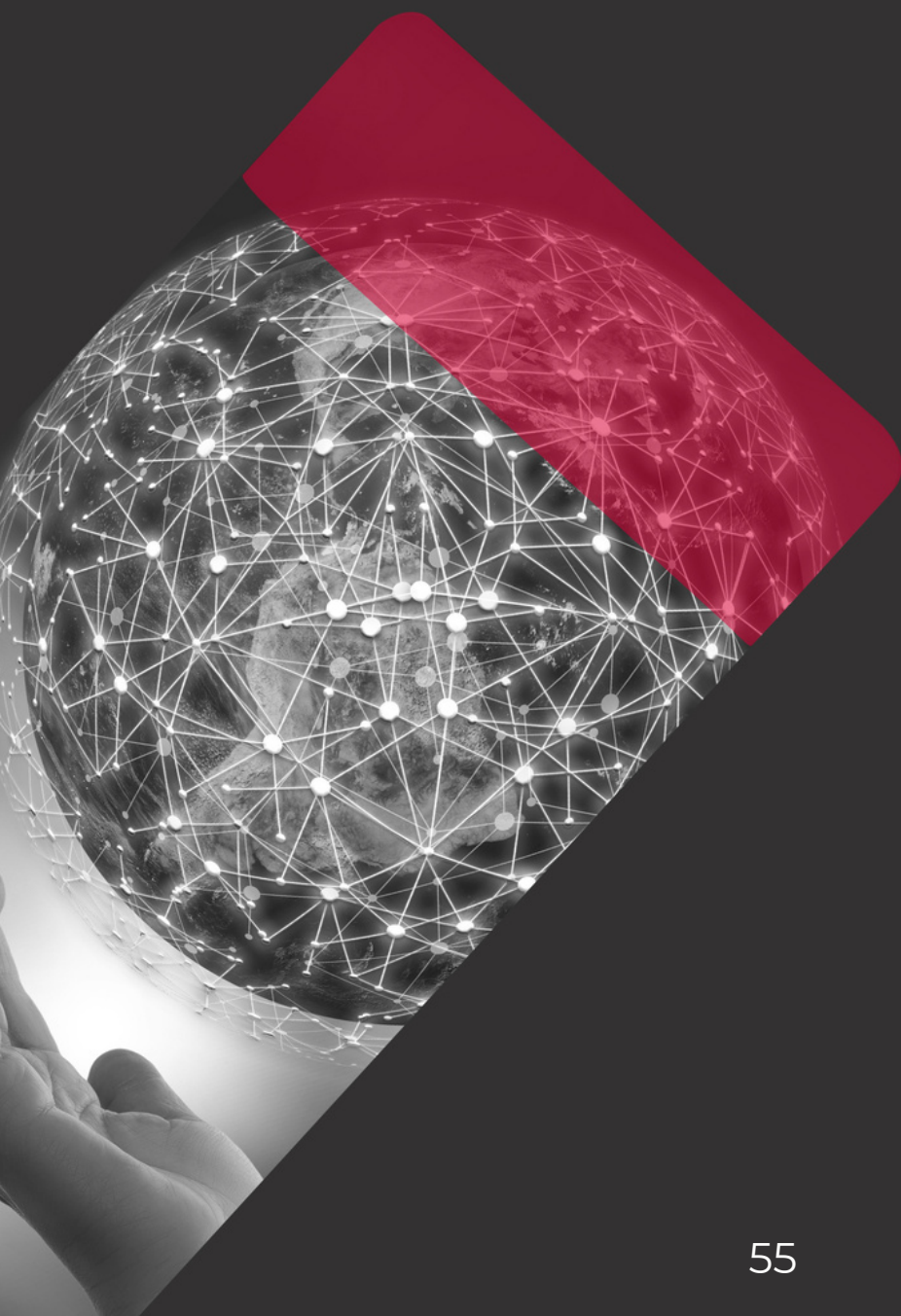
## SHOWCASE TO THE **WORLD**

# AYO

## Scaling Africa Series



**SA INNOVATION  
SUMMIT.**







## The Marking App

[www.themarkingapp.co.za](http://www.themarkingapp.co.za)



## Memeza Shout (PTY) Ltd

[www.memeza.co.za](http://www.memeza.co.za)



## Dove Air

[www.doveair.org](http://www.doveair.org)



## LiquidGold Africa Pty

[www.LiquidGold.co.za](http://www.LiquidGold.co.za)



## Red Cup Village

<https://www.redcupvillage.com/>

The Marking App is a data free mobile and web application that automatically marks school assessments while giving learners access to immediate feedback, online support, and study material. Teachers are given a detailed analysis of results, reducing time, and increasing the quality of assessment and support given to the learners. Learners can form virtual study groups and discuss any school work that they need to.

Memeza Shout is the first black woman owned company to provide South Africa's first, patented Public Alarm system, combining physical alarms, neighbours, community safety groups and the South Africa Police Services to collectively fight crime. Memeza's value add is bringing Private and Public Partners together through technology to fight crime, while ensuring the technology can improve response times.

Dove Air provides instant access to urgent medical supplies to those across the world through advanced drone technology and has serviced over 2000 hospitals, helping local communities with vital services.

The Marking App is a data free mobile and web application that automatically marks school assessments while giving learners access to immediate feedback, online support, and study material. Teachers are given a detailed analysis of results, reducing time, and increasing the quality of assessment and support given to the learners. Learners can form virtual study groups and discuss any school work that they need to.

The Red Cup Village medical respirator is SAHPRA approved 3D printed medical devices with 2 valves for changeable use. Our devices are customised to an individual's face structure and have the ability to monitor a user's health condition through an application that sends an alert when they are running out of oxygen. The products are manufactured 100% locally using recycled material and biodegradable material.





**GROWTH IS NEVER BY MERE CHANCE;  
IT IS THE RESULT OF  
FORCES WORKING TOGETHER.**

*J.C. Penney*

At AYO, we believe that partnerships are the key to business success.  
As a collective of progressive established and emerging technology companies,  
we are able to unlock shared value for our clients that is far greater than the sum of  
our organisational parts. Together we collaborate, innovate and empower.



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MOVEMENT**



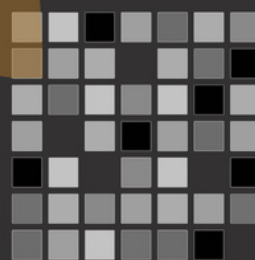
 SA INNOVATION SUMMIT.

**WHERE GREAT IDEAS MAKE IT!**

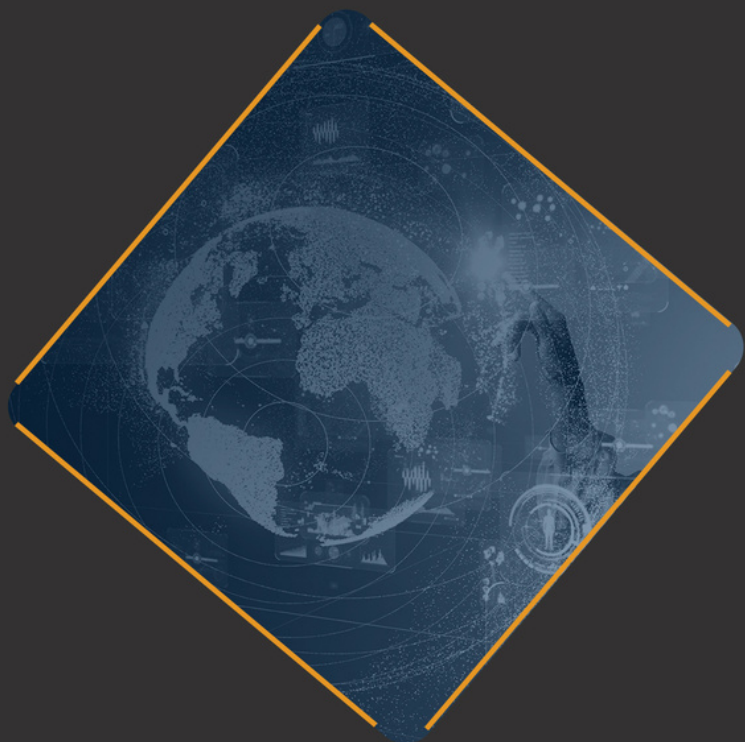
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# Project Showcase



**SA INNOVATION  
SUMMIT.**







**SmartLab**

<https://smartlab.co.tz/>



**These Hands**

[www.these-hands.org](http://www.these-hands.org)



**African Forestry**

<https://african-forestry.org/>



**Nelson Mandela African  
Institution of Science and  
Technology (NM-AIST)**

[www.gongalimodel.com](http://www.gongalimodel.com)

Smart Lab helps start-up founders scale and connect with corporate partners. Smart Lab is an innovation hub that exists to grow the African Innovation ecosystem by empowering youth, corporates, and start-ups to develop ground-breaking solutions.

These Hands GSSE is a global for-profit social enterprise start-up based in Botswana, which trains and supports rural community innovators/entrepreneurs in developing countries. As an enabler for international development work, they have also developed a social media platform that is dedicated to international development and co-creative design work and does not require internet to use (USSD Based).

AF is a non-profit and non-governmental Organization deriving its functions and operations from the will of the members/stakeholders, and endeavours to fulfil its objectives as per the constitution and work plan. It was founded in 2016 and registered as an NGO operating in Tanzania uniting all business firms regardless of their operational size. The objective is to promote and advance the best forestry industrial practices as well as addressing

This booth demonstrates the low-cost water filter invented in Tanzania (Nanofilter). The filter removes biological, physical, and chemical contaminants –eg. excess Fluoride. It is sold at various sizes to households and institutions –price range from \$250 – 1,000. But also it can be installed in a small kiosk where a local entrepreneur is hired to operate it. This has created more than 200 employments in Tanzania and Zambia and impact to about 350,000 people who are getting clean and safe water.





## **Dream Factory Foundation**

**<https://dreamfactory.africa/>**



## **African Angel Academy**

**<https://africanangelacademy.com/>**



## **The Resilience Project**

**[https://www.facebook.com/  
TheResilienceProject](https://www.facebook.com/TheResilienceProject)**

A consortium led by Dream Factory Foundation which empowers youth and majority women, the Dodigi project seeks to enable and empower 60 entrepreneurs in low income communities to increase sales in their businesses through the use of e-commerce, specifically chatbot powered sales channels over Whatsapp (i.e, social commerce)

and aims to mitigate losses and closures of business due to curfews, lockdowns and restrictions in communities as a result of the Covid-19 pandemic. DoDigi offers our SMMEs a unique and

The African Angel Academy is an African-led initiative that aims to train and support new or current angel investors through a self-paced online course or sponsored cohort programmes with top partners. Our mission is to grow the number of active angel investors on the continent, to catalyse and grow our local early-stage investing and start-up ecosystems. The Academy (AAA) was established in early 2020, as a pilot project developed by Viridian and Viktoria Ventures, with the endorsement of the African Business Angel Network (ABAN) and with seed funding from the Southern African Innovation Support (SAIS)

The Resilience Project is an initiative aimed at empowering local entrepreneurs to run resilient businesses in unexpected times of uncertainties such as during Pandemics of COVID-19

is implemented through the University of Botswana's University-Industry-Government Co-Creation Platform in partnership with Demola (Finland) and funded by the Southern Africa Innovation Support Programme (SAIS). The project objectives are to: a. To inculcate an innovative approach and proactive culture of solving problems during adversity. b. To develop rapid proof of concepts (POC) together with SMMEs and demonstrate resilience of working online solutions. c. To work with SMMEs ecosystem (including start-ups) to validate technology enabled service that improves recovery during unforeseen circumstances. d. Conduct knowledge sharing seminars on creating business value through mega trends future foresight. e. Promote global collaboration and diversity in working teams f. Train participating organisations on the process of adapting well in the face of adversity.





**NUST-NBI**

<http://nbii.nust.na/>

**“We want to see visibly positive change from the investments we make. Impact investing allows us to have a measurable positive impact while generating a financial return for our clients”**

**- Altaaf Aboo**



NBII is an Namibia's University of Science and Technology (NUST) institute that aims to promote Innovation and Entrepreneurship in the Country.

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**CA TO THE WORLD**



**21 - 23 SEPTEMBER 2021**

**Come join  
the Annual  
Southern Africa  
Innovation  
Forum (ASAIF)  
2021!**

# **PUSHING BOUNDARIES**

## **PATHWAYS TO GROWTH IN ENTREPRENEURSHIP ECOSYSTEMS**

ASAIF is the Southern Africa Innovation Support Programme's flagship event that brings together business, government, donors, NGOs, and communities around issues of entrepreneurship and youth in the region.

This year, ASAIF will run under the theme *Pushing Boundaries: Pathways to Growth in Entrepreneurship Ecosystems*, and we'll be exploring how to grow and expand businesses as well as the ecosystems themselves.

### **ASAIF 2021 SESSIONS**

#### **ON-SITE AND ONLINE SESSION**

**21 September 2021, 14:00–15:30:**  
Expanding Entrepreneurial Ecosystems  
in the SADC Region

#### **ONLINE SESSION**

**23 September 2021, 10:00–10:40:**  
Steps to Take Before Entering the Market

#### **ONLINE SESSION**

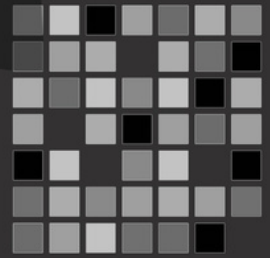
**23 September 2021, 10:40–11:20:**  
Support Instruments for Expanding  
into New Markets

**#ASAIF2021**

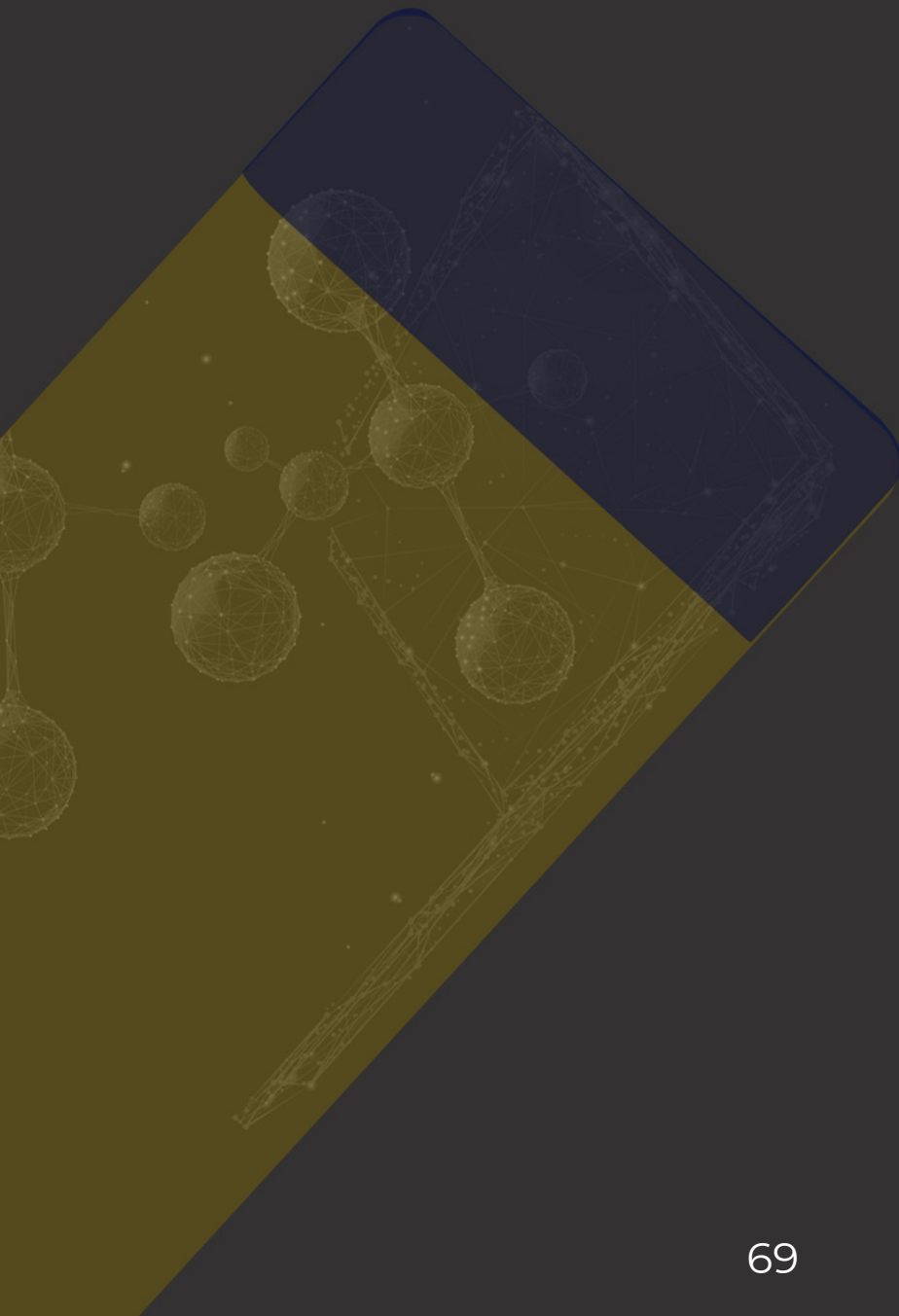


# EMBASSY OF **BRAZIL**

PRETORIA



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SUMMIT.**







## **Sustainable Development & Water For All - SDW**

<http://sdwforall.com/>




## **NCB Sistemas Embarcados**

[www.flybiohub.com](http://www.flybiohub.com)




## **Krilltech NanoAgtech**


[www.krilltech.com.br/en](http://www.krilltech.com.br/en)



We transform rural communities' water into potable through sunlight. We are a social impact startup focused on solving the problem of access to safe drinking water and sanitation in the world. That's why we have a portfolio of 5 products to solve this problem, including Aqualuz: the only technology in the world to disinfect rainwater and some rivers, using only sunlight, with 20 years of durability and maintenance being cleaning only with soap and water. The technology already benefits more than 4,000 people in Brazil, costs less than \$100, is recognized by the UN and UNESCO, in addition to being perfect for use in households of up



NCB is a technology-based company that operates in the market of Precision Biological Control, focused on the development of software systems and equipment for the release of biological inputs that work as natural enemies combating the pests through the use of drones.



Krilltech NanoAgtech has been developing bionanotechnology-based solutions to increase crop productivity in an economical and environmentally sustainable manner. We have developed our proprietary Carbon-based nanoparticle, which we call Arboline®. It is a 3 nanometers wide nanoparticle that works as a nanobiostimulant and nanofertilizer that activates specific plant metabolic routes, assisting in plant growth and health, protecting them from abiotic stresses, such as drought or water stress.





**Life Biological Control**

[https://www.linkedin.com/  
company/life-biological-control/](https://www.linkedin.com/company/life-biological-control/)



**SA INNOVATION**

**WHERE GREAT**

Life Biological Control is a biological control company located in Piracicaba/SP, one of the most important agricultural technology and innovation centers in Brazil, and is part of the CL Empreendimentos Biológico group. Its CEO, Cristiane M. Tibola, was one of the winners of the 2020 Women Innovators award promoted by Finep, with Life being the only agribusiness company to win the award. The company was created as an integrated platform for organic solutions, whose mission is to accelerate the supply and adoption of organic products for farmers across the country. To make this possible, Life is building a network of partner suppliers to complement its product portfolio. Proposal Bringing to the market a complete 100% biological management package, whose products are distributed and marketed by Life biofactories that will be installed in the main agricultural centers. At the regional units themselves, some products will be finished and will be distributed directly to producers. The focus of Life Biological Control – and its products – is to encourage sustainable and high-profit agriculture that uses biological solutions as the key to this success. Products and services Two products are already in the final stages of registration, and are expected to be launched in the second half of 2020: the first, produced on the basis of Baculovirus, aims to control *Spodoptera frugiperda*, one of the main agricultural products. The other option in the portfolio is the microwasp *Telenomus podisi*, a species that parasitizes the eggs of the brown stink bug (*Euschistus heros*) and performs the biological control of this pest that is the most relevant pest in Brazilian soybean crops

**IDEAS MAKE IT!**





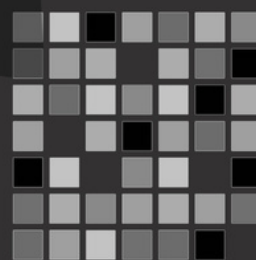
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MOVEMENT**

# THE INNOVATION HUB®

*Innovation Catalyst for Gauteng City Region*

*A subsidiary of the Gauteng Growth and Development Agency*



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SUMMIT.**







## **Hafro Natural**

**[www.hafronatural.com](http://www.hafronatural.com)**



## **PRIJAP BIOLIFE BIOTECHHNOLOGIES**

**[www.prijaphealth.co.za](http://www.prijaphealth.co.za)**



## **Lefakong Farming**

**<http://www.lefakongfarming.com/>**



## **Leafline**

**[www.leafline.co.za](http://www.leafline.co.za)**

Hafro began in 2016 in a kitchen in Pretoria, South Africa, and chronicles the creative journey of founder, Dr. Hajo Morallane. It started with experimentation of African plant seed oils to create natural, safe to use and quality products to help nourish her gradually receding hairline and uneven skin tone. Determined to find practical solutions to these problems, Dr. Morallane conducted extensive research on the nature of natural hair, especially amongst African women. The result of this research is Hafro: a high quality product for a discerning woman who takes pride in her natural beauty.

PRIJAP BIOLIFE BIOTECHNOLOGIES is a manufacturer of herbal medicine called PRIJAP HEALTH. The purpose of the business is to deliver this product to people who want to maintain or improve their quality of life. This product acts as an alternative medication to western medicine for people who is health-conscious or whose immune system is compromised. Prijap Health is a fast acting, highly effective natural product that provide comprehensive health benefits which includes the following:

- Immune boosting: building the immune system by stimulating and providing the necessary building blocks required to boost the immune system
- Anti-inflammatory: helping to alleviate inflammation in the muscles and body organs like lungs, thus helping in the fight against congested chests, chests pains and associated illnesses
- Antioxidant/Detoxifying: helps to remove toxins from the body, which is highly essential to fight and prevent lifestyle diseases
- Appetite enhancer: helps to increase appetite hence ensuring intake of necessary nutrients for the body to recover from illnesses and to fight-off infections
- Energy booster: enhances overall body efficiency and energy.
- Anti-viral activities (anecdotal evidence)

At Lefakong Farming, we focus on processing and producing the best quality of value-added products from our organic Moringa leaves.

Leafline manufactures washable Sanitary wear from a natural fibre taken from the Leaf of the Cayenne Pineapple. All the inners of the products contain the natural fibre which is absorbent. Our company manufactures adult and children washable diapers as well as Sanitary towels and chair protectors.




The logo for Zambezi Analytics, featuring the company name in white capital letters inside a dark grey rectangular box with a white border.

**ZAMBEZI ANALYTICS**

**ZAMBEZI ANALYTICS**

[www.zambezianalytics.com](http://www.zambezianalytics.com)

The logo for Ownedby Technologies, featuring the word "ownedby." in white lowercase letters with a small red arc above the "y", set against a black background.

ownedby.

**Ownedby Technologies**

[www.ownedby.co.za](http://www.ownedby.co.za)

The logo for Phola, featuring the word "PHOLA" in white capital letters with a stylized white line graphic to its right, and the tagline "SIKWENZ' AMNANDI" in smaller white capital letters below it, all on a blue background.

**PHOLA**  
SIKWENZ' AMNANDI

**PHOLA: Izinto Zemoto**

[www.pholautotable.co.za/](http://www.pholautotable.co.za/)

The logo for Thatha, featuring the word "thatha" in white lowercase letters on a black background.

thatha

**Thatha**

[www.thatha.co.za](http://www.thatha.co.za)

The logo for Shopapolitan, featuring a large green "S" followed by an exclamation mark, with a small orange square below the exclamation mark, all on a white background.

**S!**

**Shopapolitan**

<https://www.shopapolitan.com/>

At Zambezi Analytics, we sell predictions. We harness the power of Artificial Intelligence, particularly Deep Learning, to convert business and societal problems into predictions.

An interactive asset management and telematics solution that integrates software and hardware, for household, office and portable appliances and devices, giving these valuables traceable unique identity and online searchable online presence, that is linked to and controlled by owners.

The PHOLA auto-table is a versatile, foldable vehicle accessory that needs to, firstly, be hooked onto a stationary vehicle then, be opened to be used by the motorist/user(s), OUTDOORS in camping, picnics, Movie-parks, Township weddings/unveilings/funerals, Quick-Service-Restaurants' parking lots, safari tourism places, 2-5 days music festivals/church conferences and other outdoor events. The PAT has about 12 different features/benefits that include: Opens/closes like an executive chair to save storage space

a handle that turns into a garden umbrella holder. Can be used as an OUTDOOR advertising and branding medium. Can be personalized. Some PATs will be digitalized for both private entities and governments institutions like the Dept of Transport. Hahn & Hahn are the patent attorneys

Thatha was founded in 2018 by Computer Scientist Lesley Ncube with a goal to create innovative software and computer hardware that interconnect with each other. Our mission is to become a global leader in providing technological services and products, since our incorporation we have preserved our culture of providing quality and value to our customers .

Our vision is to build economically self-sustainable communities by making innovative tech affordable and accessible to township and rural based businesses and in doing so help them to techify and digify their business. Shopapolitan is an end-to-end e-commerce marketplace that gives township and rural based businesses everything they need to operate a profitable e-commerce business. We aim to bridge the digital divide by leveraging our platforms to digitize township and rural economies.





## Green Share Virtual Power Plant

<https://greenshare.co.za/prosumer>



## Buzzapp Mobile

<https://buzzapp.online>



## Afrinnovix

[www.afrinnovix.co.za](http://www.afrinnovix.co.za)



## Thuto Pele Centre

[www.thutopelecentre.co.za](http://www.thutopelecentre.co.za)



## TrueEarth

[www.trueearth.co.za](http://www.trueearth.co.za)

Green share provides Independent Power Producers, Distributed Energy Resources, Utilities and Capital Partners the ability to autonomously monetize battery assets. A real-time trading and control platform that provides value-based asset management and portfolio optimization.

Buzzapp mobile is an app that connects entrepreneurs to their potential customers. From shisanyamas, to massages, to beauty treatments, to desig

Afrinnovix is a tech innovations company that has developed an attachable power bank for smartphones. The power bank is made from recycled plastic bags.

Thuto Pele Centre is a powerful answer to the current crisis that our educational system is facing. Our Project is predominately made up of university post-graduate and undergraduate students who are committed to make a difference. We aim to make additional support and learning accessible to learners and students through the use of Information and Communication Technology (ICT). Thuto Pele Centre is a unique program that use ICT to improve youth academic achievements, and also aiming at nurturing their self- esteem. TPC it is also concerned with their growth intellectually, emotionally, socially, physically and creative potential. Our services are both online (access learning content and activities) and physical based (were by youth attend physical training).The centre's services comprises of coding & Robotics courses, Computer literacy skills, 4IR skills, Entrepreneurial Skills,Career advice & varsity Application, Motivation and Extra classes in a number of subjects such as Mathematics, Sciences, Accounting, English and other subjects.

WE AT TRUEEARTH™, CARE ABOUT THE DIETARY AND NUTRITIONAL NEEDS OF PEOPLE LIVING WITH FOOD INTOLERANCE. OUR PRIMARY OBJECTIVE IS TO DESIGN, PRODUCE, MARKET, DISTRIBUTE AND SELL "FREE-FROM" FOOD PRODUCTS.





**BNAqua Solutions**

**[www.bnaqua.co.za](http://www.bnaqua.co.za)**



**TcF IcT**

**<https://www.facebook.com/TcF-IcT-106871668407011>**

**OLOVA**

**Olova**

**[olova.co](http://olova.co)**

BN Aqua Solutions is a company that focuses on Acid Mine Drainage (AMD) treatment to potable stage, it is safe for human consumption. On this project, we use a waste metallurgical slag which is cheaper to treat the contaminated water to drinking stage and it is locally available, we have built a prototype in 2016 which is based at the Council For Scientific and Industrial Research (CSIR). This project incepted in 2014 at the University of Johannesburg under laboratory conditions and the Intellectual Property of the project is exclusively owned and supported by the University and licensed to me as the inventor. I have been working in the mining industry for over 13 years as a Metallurgist and have noticed with great concern, the non-compliance of the mines regarding this scarce resource (water) that our continent desperately needs. I can safely say, we have found a cheaper solution for this contaminated acidic water for the gold and coal mines. Our objective is to increase South Africa's water capacity for drinking, irrigation and agricultural purposes in order to increase our country's food security. We will sell the treated water to the mines at a competitive price while reducing their drinking water costs as they are the largest water consumers.

TcF ICT is a small Information Technology firm that creates and maintains websites, mobile apps and business intelligence. Currently, we have in-House Developed apps (Cava app, Medrem app, Print Pic app, Kasihookup app). TcF has a number of freelancer developers who cater for every developing language and we just included Qlik development (business intelligence) in our services. at the summit, we will demo all our in-house developed apps because we need investors. and we offer IT services to any business that wants to do business with us. we have created an application for Mthombowolwazi a waste recycling business and we have created an app for Dial a Student. Note our Website is down due to maintenance.

Olova is your public transport companion.



## MEMBERS

## SPONSORS

	Subscriber	Community	Exclusive group	Enterprise
Cost	FREE	R1450 p.a. (R150 pm)	R5990 p.a. (R550 pm)	Contact us
Discounts		○	○	○
Content	○	○	○	○
Showcasing	○	○	○	○
Matching/Network	○	○	○	○
Consultation			○	○
Newsletter	○	○	○	○
Market access			○	○
And more				○



## VALUE PROPOSITION FOR SPONSOR

### Human Capital Benefits

Talent  
Outsourcing suppliers  
Tech

### Market Access Benefits

Customer conversion  
Brand building  
Collect market research & data



## VALUE PROPOSITION FOR MEMBER

### Financial Capital Benefits

Membership discount of courses & events  
Grant of the sponsored system  
Access to investors

### Human Capital Benefits

Connection with mentors  
Business partners

### Market Access Benefits

Concreting business strategy  
Market information from TTA  
Job offer opportunities



## VALUE PROPOSITION FOR PARTNERS

### Financial Capital Benefits

Saving cost of system operation

### Human Capital Benefits

Recruit on the platform  
Introduction and matching

### Market Access Benefits

Marketing data  
Communication with customers



# THANK YOU TO OUR PARTNERS & SPONSORS



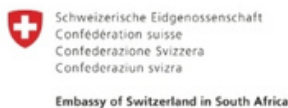
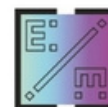
CITY OF CAPE TOWN  
ISIXEKO SASEKAPA  
STAD KAAPSTAD



the dtic  
Department:  
Trade, Industry and Competition  
REPUBLIC OF SOUTH AFRICA



Von Seidels  
Intellectual Property  
Attorneys





The background features a grayscale profile of a person's face, looking upwards and to the right. Overlaid on the image are several graphic elements: a large gear on the left side, and several wireframe spheres or network diagrams on the right side. The text is prominently displayed in the center.

**THANK YOU  
DREAMERS**

**INNOVATORS**

**CREATORS**

**AND**

**SUPPORTERS!**



**SA INNOVATION SUMMIT.**