

# INVENTORS GARAGE



## BASHOMI TRADING AND PROJECTS

Bashomi Trading innovated a water saving toilet, the Swallowing Toilet, that uses less than a litre of water to flush away the waste. Our toilet can accommodate areas with no running water as compared to the ordinary toilet and with the challenges being faced worldwide our toilet can help minimize such problems as most of the water is used just to flush the toilet.



## MEDICUD

[www.linkedin.com/company/medicud](https://www.linkedin.com/company/medicud)

MEDICUD is a startup working toward the production and commercialization of a medical device for wound healing. We are developing a mechanically powered negative pressure wound therapy system, reducing the price of this remedy thus increasing worldwide accessibility.



## SLIDELUVRE

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

SlideLuvre is a vertical louvre solar shading system. Its unique slat design exposes (1) a larger PV surface area at (2) a more optimal angle than competitor products, with a solar yield of up to 75% of roof-mounted PV. This, together with its thermal insulation and solar radiation control properties, reduces the energy demand of buildings, resulting in significant energy and cost savings and reduction in CO2 emissions.



## SNODE GUARDIAN

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

Snode uses mathematics to identify fraud, data leakage and cyber-attack. Snode was created to gain insight into prevailing patterns, not visible to the human eye, identifying attacks before they happen.



## POLYGON ENERGY (PTY) LTD

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

We are an electronics manufacturing company specializing in Radio Frequency wireless charging for smartphones and IOT devices. Our technology charges low power devices over a distance using the same frequency as WiFi, this means more spatial freedom to charge all battery powered devices.



## SETECH

<https://setechghana.com/>

Sustainable Energy Technologies Limited is a renewable energy and environmental technology provider with a focus on the design and fabrication of affordable clean cookstoves for urban and peri-urban households with agro and food production companies inclusive. We use inclusive business and payment models to provide access to energy to people who do not get access to energy.

We have recently designed and fabricated a foot-operated hand washing machine to help prevent the spread of COVID19.



### SANINEAT

Sanineat's biodiesel is unique in that we use a non-staple food crop (moringa) to produce a high-quality biodiesel. Biodiesel is known to burn out fast, so What makes our innovation stands head above the rest is that, we have found a way to generate different molecular sizes in our biodiesel making it burn longer and have the same pulling stress as the normal diesel been sold in the market



### AUTOMATIC STYLING HAIR CLIPPER

A hair clipper that can automatically do shades using image processing. The camera is embedded next to the blades so it captures images in real-time and uses them to calculate the distance moved by the operator. This distance is then processed and used to control the servo motor which then moves the top cutting blade accordingly.



### NALEDI HOUSING

In the wake of COVID19, we have appreciated the imperativeness of a HOME, staying at HOME and social distancing but what if there is no HOME? A basic human need. During this difficult time of social, climate change and economic challenges, the anguish is within the poor living in shacks, unemployed and homeless. It is during this time our innovation becomes pertinent. Our innovation is unique as its premised on a direct triple impact- environmental, social and economic impact within the low income communities.

Our start-up uses "plastic waste" to protect the environment, incentivize and empower the poor to produce eco- universal building products to restore humanity. Our eco-house, assembled on site in 1-5 days fulfills a basic human need, HOUSING. Inspired by low income communities, "shacki-tecture" and a passion for recycling and sustainable building developments.



### WAZINSURE

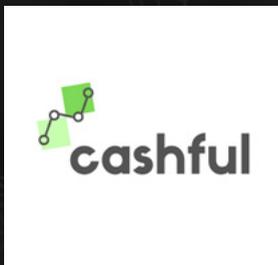
<http://wazinsure.com/>

WazInsure provides a data-driven insurance management platform for insurance service providers to make informed decisions. We provide customized AI-driven platform, covering the full lifecycle of the insurance purchase, policy issuance and claims processing.



### (DISSOLV)

Eco Invader Solutions is an early-stage biotechnology company that is creating a biorefinery concept producing nanomaterials and bioplastics from waste plant material.



### CASHFUL

[www.cashful.co](http://www.cashful.co)

Cashful is data driven alternative credit scoring platform that leverages underutilized datapoints to bridge the gap in access to finance faced by microenterprises and credit invisible consumers operating outside of the formal financial ecosystem.



### LOOME GROUP

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

Loomee provides smart training for a futuristic lifestyle that will uplift the economy and decrease the youth unemployment rate in South Africa and beyond through remote work opportunities. The company is based in Eastern Cape.



**TRXEAT**

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

TRXEAT is healthcare start-up seeking to promote better medication adherence for chronic users via our simple WhatsApp-based ChatBot. We provide users with; daily reminders to take their medication, mobile-data rewards for responding to daily prompts, and a new health record based on adherence responses and additional user surveys.



**IMOBITRACE**

<https://www.facebook.com/pages/category/Product-Service/Imobitrace-PtyLtd-101682891175376/>

Imobitrace is a smart devises security company. We secure and recover mobile devices (smartphones, tablets and laptops) by installing a unique mobile tracker in a device before it is lost or stolen. Our tracker is able to track the device location stationary or moving on a world map showing the street address of all location history of the device anywhere in the world.



**ALATPRES**

<https://www.alatpres.com>

Alatpres Technologies is a Public Safety and Data analytics startup co based in Kenya focusing to grow and develop innovative public safety solutions for Sub-Saharan Africa that will see its societies and cities safer, connected and empowered using technology. Our mobile solution provides accessible, easy-to-use, reliable & interactive emergency notification & incident management platform that uses a collaborative

approach allowing citizens, first responders & organizations to interact, share real-time critical & emergency alerts and empowers high responsiveness to public safety teams and situational awareness.



**SOFTCOZA**

<https://www.softcoza.co.za>

Softcoza is a software and mobile development company that provide smart shopping solution, which is convenient shopping experience platform for retail store shoppers to help them with their shopping routine. It is a software application which will be installed inside a tablet screen mounted at the handle of a shopping cart. The application will be divided into two sections, the mobile application software found on each tablet

screen mounted on each trolley and the management system to oversee the security and management of those mobile applications found on each tablet mounted of each trolley. The mobile application will have point of sale capabilities, the scanner to automatically scan the items, the navigation capabilities with the help of augmented reality and a section to show advertisements.



**SKYVANTAGE**

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

We offer secure and smart mobile e-waste disposal services. Smart E-Bin (Smart E-waste Bin System) The technology innovation is a hybrid waste management system that makes use of varying sub-systems that allow for safe remote e-waste management. The technology is unique in that it would not only allow for accurate data collection, safer management of e-waste (collection, destruction, storage), but it would allow for pre-beneficiation of e-waste particles at a client's site.



**94 INNOVATIONS**

We are an innovations company in the ICT product space.

We seeks to find solutions to societal ills through the research, development and management of innovative commercial products.



**SOLISCOM**

[www.facebook.com/Soliscom/](https://www.facebook.com/Soliscom/)

Soliscom is a broadband Wireless Internet Service Provider (WISP) using the latest wireless and Fibre technologies to offer data and voice services to businesses and homes in South Africa. Soliscom, continues to build and grow its Wi-Fi presence to enable customers to seamlessly deliver a professionally managed wireless internet connectivity. Speed, quality, availability and ease of use is paramount to our service values.



**RUBY WHEELCHAIR**

<https://www.instagram.com/911thewheelchairdoctor5/>

The Wheelchair Doctor and Manufacturing We developed unique devices so that People with Reduced Mobility (PRM) can go up and down stairs while seated in a wheelchair, with an assistant who maintains the balance. The concept is based on wheels that are either circular when rolling, and that we transform into segmented wheels only when going up stairs. The PRM contributes to the propulsion by pulling on small handles fixed on each wheel.