



# SUTSOL HITEC SOLUTIONS INTERNATIONAL

Plot 18341, Phase 2  
Gaborone, botswana

ANNUAL COMPANY REPORT

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



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# Message From the Founder & CEO

Sutsol Hitec Solutions International | Crux Australis | G54 Ubuntu Home Grown Solutions

Since our inception as a company, we have always put people and quality first. Our year 2022 has been quite eventful. We have managed to make business partners and friends. We have moved from strength to strength. Likewise, we have evolved from a common company to a unique company because it is the needs of the clients and communities that we work with that drive us to do better.

We have made errors and we have made corrections. We have learned and unlearned through the process. We do not learn to walk by listening only, but by doing. So, our failures have made us stronger, and our successes have been our propellants in times of weakness.

The journey of sustainability is not only practised to the people we serve or the people we save, but it is a journey that is both intrinsic and extrinsic, with more of the parts intrinsic because everything begins and ends with us as solutions providers.

We do not offer anything except solutions, which is why all we do is end-to-end. We evolve every day. We create synergies every time, and we learn new things every second. Not only that, but we have moved from being just a research and performance prediction firm to a solutions' company that has managed to fuse the nexus of nano-technology, green building, advanced waste management, water management, energy management, energy efficiency, cyclic agricultural systems, renewable energy, technology transfer and systems engineering into one component powered by design mediated management. We have mastered that every organisation, community, country or industry is a system so every change that happens will affect the whole system positively or negatively, hence we have become a Solutions Company. We have trailblazed through the vastness of solutions, and we have worked as individuals and as teams in order to achieve a better world.

Not only that, but we thank all that have been part of us cheering, participating and supporting us in this journey, 2022 was just the grain of what we can do in the vastness of the unexplored sands. We promise a bigger and better 2023 where we will be able to add more value to our past, present and future clients. Furthermore, we are looking forward to journeying forward looking for African nations that are thirsty for solutions. My wish is to establish a Centre of Excellence in Solar Thermal Technology and materials science as well as the Master of It the Solar Thermal Equipment manufacturing plant All for Africa mainly and beyond. We can do it, the technology is there it just needs us to go all the way in not out because out there is nothing.

We are looking forward to an Africa that can produce everything and anything. Our biggest challenge is to make Africa better, more productive, efficient and a better place where the world would prefer to live in. That will all begin with our commitment to building today and forever. Lastly, we would like to congratulate ourselves for winning various sustainability awards in 2022. It means our works are seen beyond the borders and beyond the continents, but they are seen in the world with the world.

We call upon those who would like to invest in Sutsol Hitec Solutions International as well as associated sustainability initiatives to talk to us because we will be launching the presentation of our futuristic projects in 2023.

Wishing all of you a happy and prosperous 2023 and beyond.

# Projects Conducted and in Progress

## Period 2021/2

**Project:** Feasibility Study Waste to Energy and Integrated Waste Management for Chipata Municipality  
**Client:** Green Belt Energy (Zambia)  
**Period:** October-December 2021

**Project 1 :** Energy Audit and Bill Analysis  
**Project 2:** Representation Against Utility for Unfair Billing  
**Client:** Mogobe Inc  
**Period:** October 2021-December 2022

**Project:** Solar PV Design and Simulation of 12 Puma Filing Stations  
**Client:** Sustainable Energy Botswana (Pty) Ltd  
**For:** Puma Energy Botswana

**Project:** Electrical Reticulation Analysis and Design  
**Client:** Sustainable Energy Botswana (Pty) Ltd  
**For:** UN Head Quarters Gaborone & Premier Clothing Gaborone

**Period:** 2022

**Project:** External Consultancy for Jwaneng Solar Feasibility Study

**Client:** Modern UTS (Pty) Ltd  
**For:** Jwaneng Mine  
**Period:** June 2022

**Project:** Hybrid Intelligent Controlled Solar Pumping Design, Supply and Installation Pilot Project  
**Client:** Botswana Prisons Lethlakane  
**Period:** October 2021 - March 2022

**Project:** Energy Audit  
**Client:** Lactalis Botswana

**Project:** Lightning, Earthing and Electrical Safety Audit  
**Client:** Lactalis Botswana

**Project:** Occupational Health and Safety Audit  
**Client:** Lactalis Botswana

**Project:** Process Thermography  
**Client:** Lactalis Botswana

**Project:** Design, Supply and Installation of Alkali-Acid Electromagnetic Flow Meters for Cleaning Water Management and Monitoring

**Period:** 2022

**Project:** Task 269 Smart Hot Water 2030  
**Supported by** SACREE (Southern African Centre for renewable Energy and Energy Efficiency)  
**For:** International Energy Agency  
**Period:** 2022-5

**Project:** Energy Audit, Greening and Occupational Health Audit  
**Client:** FNB Botswana (Head Office)  
**Period:** October 2022-February 2023

### Comment on Growth

We noticed quite considerable growth of more than 500% in services and we have managed to commercialise the usually probono services like solar estimation and design, our dream to commercialise those services was realised.

Our clients have now mastered our quality, capacity, innovativeness and have been educated well through our sales channels on how good our services are to their ventures.

Our good-will is unmatched, we will always soar because the future is bright with sustainable solutions.

## New Products and Partnerships

In trying to bring sustainability in all spheres, Sutsol Hitec Solutions is working with Corent to transfer the technology of NT Base green roads to Africa. Ultimately NT Base will reduce time taken to construct roads, costs, reduce materials used for road construction as well as create the ability to use alternative materials for road construction which will culminate in more road transport infrastructural projects at low budgets, low energy and water footprint.

The base will also assist with the recycling of road construction materials using advanced polymer technology. (<https://www.corent-ag.de/en/>)

Besides working with companies in advanced polymers we are also working with companies that have nano materials i.e construction additives to reduce the carbon, energy and water footprint as well as use nano material as soil binders for green roads.

We are also working with nano materials for water conservation in agriculture, materials that will assist with the reduction of water and energy footprint as well as create climate resilience for agricultural crops while improving soil quality as far as water retention properties is concerned.

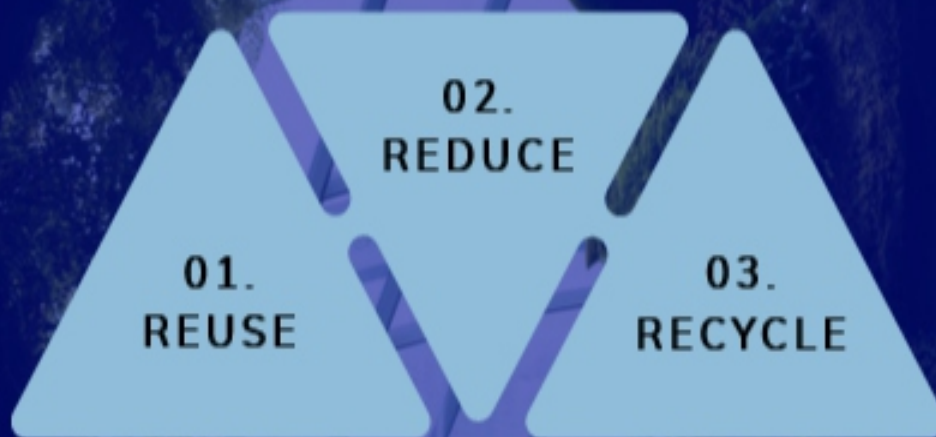
We believe that efficiencies and sustainability lie in innovation.

Ultimately we are the bridge to sustainable solutions in Africa and the world.



# ENVIRONMENTAL IMPACT

We at Sutsol Hitec Solutions International have assisted our clients to:



5%  
REDUCTION  
OF  
WASTE



20%  
REDUCTION IN  
CARBON  
FOOTPRINTS

30%  
REDUCTION IN  
ENERGY  
AND  
WATER FOOTPRINTS