

# ZONEBEAT

OFFICIAL NEWSLETTER OF THE *east london idz*



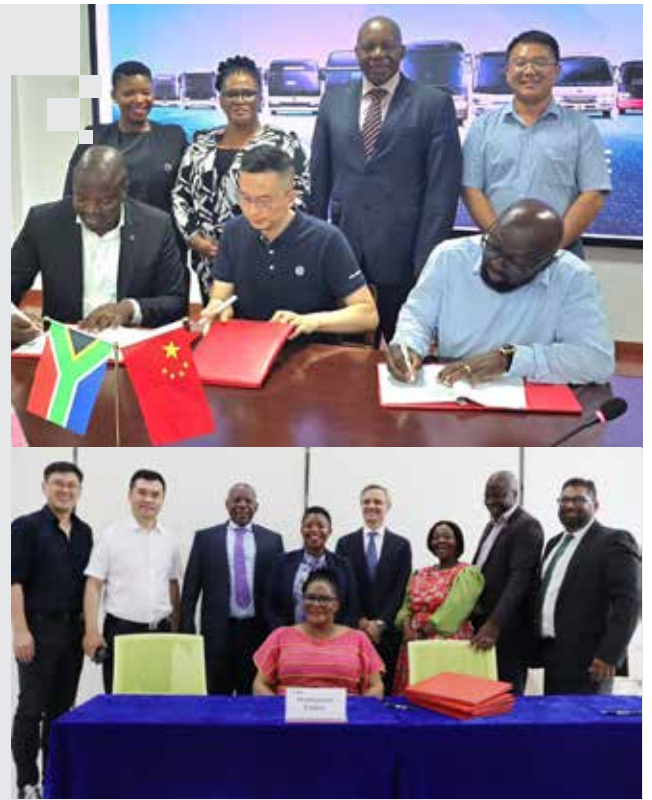
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# ELIDZ / AIDC EASTERN CAPE PARTNERSHIP TO PROMOTE NEW INVESTMENTS IN THE PROVINCE'S AUTO SECTOR STARTS YIELDING RESULTS



*This week, the East London Industrial Development Zone (ELIDZ) and the Automotive Industry Development Centre (AIDC) Eastern Cape have started to see the results of their combined efforts towards attracting new automotive investments into the Eastern Cape province.*

This follows the signing of a collaboration agreement between these two government entities, a Chinese OEM, China City Industrial Group's Electric Vehicle Technology Company (CCIG) and SIGA e-Mobility, a South African automotive company that has, in the last ten years, manufactured commercial vehicles for several major global OEMs from its South African base.

The agreement will see SIGA e-mobility and CCIG combining their technology and expertise to assemble electric busses for the African market at a facility in the ELIDZ.

According to AIDC Eastern Cape CEO, Mr Thabo Shenxane, the entity received a request from the Chinese Auto player last year to assist in finding a local partner that would utilise CCIG technology for manufacturing electric busses for the African market.

"We issued a request for South African companies with the requisite experience and manufacturing capability to express their interest. Following a rigorous process, we shortlisted and ultimately recommended SIGA e-mobility to CCIG Electrical Vehicle Technology company," said Shenxane.

CCIG Vice President and CEO of the EV Technology Company, Mr Simone Tassi, commended the AIDC Eastern Cape for their agility, and efficiency in undertaking the assignment, as well as ensuring adequate due diligence in the search for the local partner.

"Within twenty minutes of our first meeting with SIGA e-mobility, we were confident that their experience in the automotive sector, their technical know-how, and their existing capacity would make them the best partner for establishing our footprint in the African commercial vehicle market," said Tassi.

Last week, a collaboration agreement was signed between the ELIDZ, AIDC Eastern Cape, CCIG and SIGA e-mobility at the CCIG factory in China.

The visit and signing ceremony were part of the Eastern Cape China Investment and Trade Mission, led by Premier Lubabalo Mabuyane, to promote economic ties between China and the province.

Speaking at the signing ceremony, MEC for Economic Development, Environmental Affairs and Tourism (DEDEAT), Nonkqubela Pieters, touted the partnership as a significant milestone for the Eastern Cape province.

"It cements a unique collaborative effort that will see our province grow and diversify the footprint of the automotive sector. This collaborative effort is a first for our province, as it is not only attracting foreign direct investment but also ensures meaningful participation of a South African automotive player. Additionally, it facilitates the transfer of technology and skills and increases socio-economic benefits for the citizens of our province," she said.

According to SIGA e-mobility Innovation Officer, Pat Nodada, the partnership with CCIG is crucial part of the company's plan to expand its footprint to the Eastern Cape.

**"Our company built the first electric busses for the City of Cape Town almost 10 years ago and we have worked with all major global OEMs in the last ten years to deliver BRT busses in South Africa. This project is the next step in realising our vision of establishing a multi-OEM platform to produce new energy commercial vehicles for Africa. We are already in discussions with other brands to utilise our facility,"** said Nodada.

“Our company built the first electric busses for the City of Cape Town almost 10 years ago and we have worked with all major global OEMs in the last ten years to deliver BRT busses in South Africa. This project is the next step in realising our vision of establishing a multi-OEM platform to produce new energy commercial vehicles for Africa. We are already in discussions with other brands to utilise our facility,” said Nodada.

He mentioned that the ELIDZ’s existing automotive ecosystem, the city’s port and the extensive auto supplier base were key factors in choosing East London as the preferred location for their investment.

ELIDZ CEO, Thembela Zweni, has welcomed this new investment and committed the ELIDZ to working together with all role players to ensure the project’s success.

“There is already a world class factory that has been identified and prepared for this partnership. The ELIDZ is ready to not only help settle the investment but also facilitate access to infrastructure, incentives and other support mechanisms required to operationalise this investment”, said Zweni.

The ELIDZ is home to over 20 automotive suppliers. In the last 20 years, it has attracted more than R8 billion in private sector investment from various countries including Germany, the USA, Canada and China.

South Africa is in the advanced stages of developing a legislative and incentive framework to encourage the adoption of new energy vehicles. This initiative responds to the growing global focus on reducing energy emissions and achieving global sustainability goals. This move has created an opportunity for the province, and the ELIDZ specifically, to position itself as the manufacturing hub for new energy vehicles in the country.



# DEEPENING AUTOMOTIVE VALUE CHAIN LOCALISATION IN EC

*On the 7 August 2024, the East London Industrial Development Zone (ELIDZ) and the Automotive Industry Development Centre (AIDC), a subsidiary of the Gauteng Growth Development Agency (GGDA) signed a Memorandum of Understanding (MOU), marking the start of a strategic partnership.*

This collaboration aims to bolster industrial growth and enhance the sustainability and competitiveness of the local manufacturing sector.

The primary aim of this MOU is to establish a collaborative relationship that will see Small, Medium, and Micro Enterprises (SMMEs) receiving essential support and relevant skills in the automotive manufacturing space. It is important to note that this MOU does not create an exclusive relationship between the parties, allowing both ELIDZ and AIDC to embark on similar partnerships with other entities.

This strategic relationship is set to provide and co-package SMME incubation support, which is vital for establishing strong and sustainable black industrialists in the Eastern Cape region. By nurturing and developing 1st, 2nd and 3rd tier automotive suppliers, the partnership seeks to deepen the value chain for localisation.

Both parties are committed to optimising the business operations through interventions such as business process re-engineering, supply chain and logistics management, operational efficiency improvements, productivity enhancement, pricing strategies, sales and channel effectiveness, and capital expenditure planning. These measures aim to

create a more efficient and competitive business environment, benefiting both the enterprises directly involved and the broader economy of the Eastern Cape region.

Additionally, the partnership will engage in joint research studies focusing on the productivity of ELIDZ’s targeted sectors. There will also be a concerted effort towards skills development and capacity building, including the training of productivity champions. Identifying a facility for the establishment of a township automotive hub will be a key focus area. This hub is expected to play a pivotal role in bringing industrial growth to underserved communities.

Furthermore, we aim to extend our efforts to automotive after-market value chain such as panel-beating, mechanical repairs, and upholstery. AIDC will bring its expertise to the partnership by collaborating on the development and establishment of an automotive learning centre at the ELIDZ, potentially in collaboration with the Mercedes-Benz Academy. The conceptualisation and establishment of automotive hubs in townships, utilising available factory space, will be another crucial aspect of AIDC’s commitment.

AIDC will also support the accelerator model for SMMEs within the ELIDZ, setting up mini factories and pairing SMMEs with tier-one suppliers to foster growth and development. Exploration of additional areas of collaboration related to SMME opportunities within the automotive sector value chain will further strengthen the partnership.

ELIDZ Chief Executive Officer (CEO), Thembela Zweni expressed optimism about the partnership: “This MOU marks a significant step towards strengthening our industrial base, promoting sustainability and economic growth in the region. We are confident that our collaboration with AIDC will bring about meaningful changes and opportunities for local businesses and communities.”

AIDC CEO, Andile Africa echoed the same sentiments: “We are excited to join forces with the ELIDZ in this strategic endeavour. Together, we will work towards a brighter future for the automotive and manufacturing sectors in South Africa, driving innovation and fostering transformation in the sector.”

The signing ceremony took place at the ELIDZ Head Office in East London, marking the commencement of a partnership poised to foster a thriving ecosystem of black industrialists, automotive suppliers, and driving sustainable growth and localisation.

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INFORMATION & COMMUNICATIONS TECHNOLOGY

## Thought Leadership

# THE DIGITAL REVOLUTION IN AFRICA:

## LEVERAGING ICT FOR ECONOMIC GROWTH ACROSS THE CONTINENT

*Digital transformation is pivotal in driving economic growth across Africa. The adoption of digital technologies is significantly enhancing the socio-economic conditions of the African population. Consequently, Africa has tremendous potential to leverage the benefits of digital transformation.*



By Siphon Masinga

East London IDZ, ICT Business Analyst

The continent is largely untapped market for the implementation and integration of advanced digital technologies. With a predominantly young population and relatively underdeveloped technological and economic infrastructures, Africa is well-suited for the rapid adoption of digital economies.

The African Union has established a digital transformation strategy for the period of 2020 to 2030. This strategy highlights that “Africa faces

fewer legacy challenges, enabling a more rapid adoption of digital solutions driven by necessity”. Notably, the benefits associated with the uptake of mobile phone technologies have revolutionised banking and money transfer systems in numerous African economies, allowing vast populations that were previously unbanked to engage in mainstream economic activities. A prime example of this transformation is MPESA, which has significantly impacted the economies of Eastern Africa, particularly in Kenya. As the world’s leading digital money transaction

platform, MPESA has seen its growth and adoption over the past decade contribute positively to Kenya's Gross Domestic Product, lifting many households out of poverty. According to Statista, transactions on MPESA surged from R1,460,000 to approximately R16.6 billion between 2010 and 2023. This success story is frequently cited as a case study in digital transformation. Numerous instances of similar digital advancements can be found across various African nations, with such adoption serving as a catalyst for economic growth.

Given that most African nations are primarily agrarian economies, digital transformation is vital for revolutionising the agricultural sectors of the continent. The United Nations Food and Agriculture Organisation is actively supporting several initiatives aimed at enhancing agricultural practices in Africa. Irrigation stands as a critical component of agriculture, and the integration of digital systems within this sector holds significant promise for enhancing crop yields and boosting economic returns for nations dependent on agricultural activities. In South Africa, innovations like GrowSphere technology are aiding farmers in Southern Africa by providing precision irrigation solutions that enhance both crop yields and overall production. The African continent has witnessed numerous success stories in digital economic transformation, with Kenya being a notable example. Applications that facilitate supply chain coordination, such as DigiCow, Nuru, and KOAP, have notably reshaped

the Kenyan economy. Furthermore, GSM technology offers a wealth of opportunities for advancing digital economic transformation across Africa. In South Africa, there is a pressing need for digital solutions to address various challenges that hinder economic growth, including the issue of stock theft prevalent in several regions.

Significant infrastructure development is underway across the African continent, exemplified by the Lobito rail construction project. This state-of-the-art rail infrastructure has generated substantial economic advantages for the region. The manufacturing of rail components and digital signaling systems has created economic prospects for the African nations involved, including South Africa, Zambia, the Democratic Republic of Congo, and Angola. Additionally, this initiative presents numerous potential opportunities for digital economic transformation in areas such as logistics management and digital fibre infrastructure.

Despite these success stories, Africa still faces considerable challenges. Many countries struggle with slow digital infrastructure development, a shortage of skilled professionals to develop and implement transformative economic solutions, and political instability in some areas. However, these challenges present opportunities to drive greater economic growth across the continent.

## DISCOVER ELIDZ'S COMPREHENSIVE ICT SERVICES TAILORED SOLUTIONS FOR ENHANCED EFFICIENCY AND GROWTH.



Welcome to the world of the ELIDZ, a renowned symbol of business excellence. We are delighted to share the news of our extended service offerings, specially crafted to cater for your evolving information and communication technology (ICT) requirements. Introducing our cutting-edge range of comprehensive ICT services, meticulously designed to drive growth and empower your business.

Immerse yourself in our tailored solutions, characterised by their diversity, flexibility, and reliability. At the ELIDZ, we understand that each business is unique, which is why our services are tailored to meet your specific needs. By leveraging our solutions, you can optimise operational efficiency, enhance productivity, and elevate your overall business performance.

Discover the ELIDZ advantage today and witness how our bespoke ICT services revolutionize the way you do business. Together, let's unlock new possibilities and propel your success to unprecedented heights.

### ELEVATE YOUR BUSINESS WITH OUR SERVICE EXCELLENCE – FOCUSED ICT SOLUTIONS:



• **Infrastructure Solutions:** We provide end-to-end infrastructure solutions, including network design and implementation, server and storage management, virtualisation, and cloud integration. Let us optimise your ICT infrastructure to ensure seamless connectivity and enhanced data security.



• **Software Development:** Our developers specialise in creating customised software solutions tailored to your unique business requirements. From web and mobile applications to enterprise systems and database management, we deliver reliable and scalable solutions that drive your digital transformation.



• **BaaS & DRaaS:** Protecting your valuable data and assets is paramount. Our team has deployed the latest technologies and industry best practices to safeguard your systems against disaster or data loss. We've got your off-site backup and disaster recovery compliance needs covered.



• **IT Support and Managed Services:** Our dedicated support team provides proactive IT maintenance, and troubleshooting, which ensures smooth operations and minimised downtime. With our managed services, you can focus on your core business while we take care of your ICT needs.



**Together, let's unlock the full potential of your business with the ELIDZ's ICT services.**  
**Experience excellence that drives success!**



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# ELIDZ ADVANCING MADIBA'S LEGACY THROUGH POSITIVE COMMUNITY IMPACT

*Corporate Social Investment (CSI) is a top priority to the East London Industrial Development Zone (ELIDZ), emphasising the importance of actively supporting local communities. In honour of Mandela Month, the ELIDZ undertook a significant initiative, visiting two vital centres, the Masizakhe Child and Youth Care Centre in Mdantsane and the Sivenathi Special Care Centre in Fort Beaufort.*



These visits highlight our dedication to making a meaningful difference in the lives of those who need it most.

These centres share a common purpose and a steadfast dedication to fostering growth, resilience, and compassion. Their values resonate deeply with the legacy of Nelson Mandela, who championed equality, justice, and empathy. By recognising this shared mission, the ELIDZ demonstrated unwavering commitment to community well-being.

At the Masizakhe Child and Youth Care Centre, the ELIDZ contributed essential items such as groceries, toiletries, cleaning supplies, and even a heavy-duty washing machine. In addition to these material donations, the ELIDZ employees actively participated in painting the centre and engaging in friendly competitions with the children, further their support with personal involvement and interaction.

In collaboration with partners Boratech Energy Group and Junoscan Construction, the ELIDZ facilitated essential refurbishments and maintenance at the centre, addressing roof leaks, plumbing issues, and electrical faults.

During the event, CSI Chairperson, Ms Nomsa Makhoba emphasised the broader purpose of the ELIDZ CSI Programme: "Today, we reaffirm our commitment to invest our time and resources in the well-being of our young children. Every child deserves a safe and nurturing environment where they can study, dream and pursue their aspirations. The future lies in the hands of the youth, and it is our responsibility to assist them in every way possible."

Ms Makhoba praised the ELIDZ employees for their dedicated support and encouraged them to persist in their efforts to positively impact the community. This collaborative effort not only fostered a supportive environment, but also demonstrated a powerful image of solidarity and shared purpose.

Expressing heartfelt gratitude for the collective efforts of everyone involved, Mr Luyanda Lusizi, Manager of the Masizakhe Child and Youth Care Centre, said: "Thank you for the tremendous work you have done. We genuinely appreciate your efforts, which brings smiles to our

children's faces. Given the challenges our society faces, it is up to us to make a positive difference in these children's lives."

Mr Lusizi urged for ongoing collaboration, stating, "Let us continue to work together by nurturing and investing in our children's growth and success."

The impact of ELIDZ extended beyond Masizakhe to the Sivenathi Special Care Centre, renowned for its support of individuals with special needs. In addition to donating essential items similar to those provided to Masizakhe, ITEC, a technical partner of ELIDZ, generously contributed a desktop computer and printer to further empower and enhance the centre's capabilities.

Mr Elton Bantam, Councillor for Community Services in Raymond Mhlaba Municipality, warmly welcomed the ELIDZ team and stating: "Thank you, ELIDZ, for your generous contribution. We are honoured to have you and ITEC here. When our community reached out, you did not hesitate to assist, and we are grateful that you chose Sivenathi. Keep up the good work in supporting our communities. We deeply appreciate all that you do for our children."

Ward Councillor Ms Zikhona Lento, expressed her admiration, stating: "We are grateful your support and hope to see you again next year. Please continue your efforts to ensure our children live in a healthy, and supportive environment."

The Secretary of the centre, Ms Tembela Ndzandze, acknowledged the challenges facing the centre, and lacked words to fully convey her appreciation. On behalf of the centre, she extended her heartfelt gratitude to the ELIDZ and ITEC.

Both initiatives stand as a testament to the ELIDZ's commitment to community development and truly embody the spirit of Nelson Mandela Month – a time characterised by hard work, joy, and, most importantly, making a significant impact on society. The ELIDZ handovers to Masizakhe Children's Home and Sivenathi Special Care Centre exemplify how corporate entities can meaningfully impact communities through collaboration, dedication, and a genuine desire to uplift those they serve.



# A MEANINGFUL DONATION TO THE WOMEN OF MISGUND

*On 9 August 2024, the East London Industrial Development Zone (ELIDZ) participated in the Women's Month provincial commemoration held in the community of Misgund, Koukamma region located within Sarah Baartman District.*

This significant event hosted by the Office of the Premier (OTP) was part of the broader celebration of Women's Month in South Africa, honouring the resilience, contributions and achievements of women throughout the nation. With the theme, "Count her in accelerating gender equality through economic development", this event aimed at recognising and empowering women from all walks of life through a series of empowering speeches and community dialogues focused on gender equality, economic empowerment and social justice.

At the commemoration, the ELIDZ set up an engaging exhibition booth to inform attendees about the diverse opportunities available within the Zone. The exhibition highlighted various programmes aimed at empowering women, including Corporate Social Investment (CSI) initiatives, trainings and career development opportunities offered by the ELIDZ Science and Technology Park. This proactive approach allowed the community to learn firsthand about the ways in which the ELIDZ supports and actively contributes towards women's advancement.

Additionally, the ELIDZ generously donated sanitary pads and blankets to the value of R50 000.00 to the community, addressing essential needs and showing their commitment to social responsibility. This donation was warmly received by the residents.

The ELIDZ's involvement in the event underscores its dedication to continuously supporting and uplifting women. By engaging with the community and contributing towards Women's Month, the ELIDZ aims to contribute to a more inclusive and equitable society. Through its humanitarian efforts, the ELIDZ is committed to making a tangible impact on the lives of women.



***This significant event hosted by the Office of the Premier (OTP) was part of the broader celebration of Women's Month in South Africa, honouring the resilience, contributions and achievements of women throughout the nation.***

# Elevating Investment Opportunities *Your launchpad to Africa*

# 10 REASONS TO INVEST IN THE ELIDZ



## 01. Strategic location for Export-orientated industry

Situated in Buffalo City Metropolitan Municipality (BCMM), which includes East London, Bisho, and King William's Town, the ELIDZ is one of South Africa's pioneering Industrial Development Zones (IDZs). It offers a prime location for export-oriented manufacturing and processing, benefiting from its close proximity to key transportation routes.

## 02. Global market connectivity

The ELIDZ is strategically positioned near essential transportation hubs, including the Port of East London (9 km), the city's airport (2 km), and the N2 highway, facilitating efficient transportation and logistics.

With access to international shipping routes and proximity to major global markets, the ELIDZ ensures timely delivery of products to global customers, thereby enhancing competitiveness.

## 03. World-class infrastructure

Spanning over 400 hectares, the ELIDZ features six fully serviced sub-zones tailored to specific manufacturing requirements. Its commitment to sustainability and environmental conservation has earned it recognition as a leading Industrial Eco-Park by the United Nations Industrial Development Organisation (UNIDO).

## 04. Strong government support and incentives:

The South African government provides strong support for the ELIDZ through various initiatives, policies, and funding programmes. Investors can take advantage of a favorable regulatory environment that encourages and facilitates business growth.

Investors in the ELIDZ have access to various grants and incentives, including income tax allowances, VAT exemptions, and customs duty rebates. These incentives can significantly reduce the overall tax burden, improving profitability for investors.

## 05. Access to a skilled workforce

The Eastern Cape region boasts a rich pool of skilled labour. Companies can tap into this talent pool, drive innovation and maintain high production standards.

## 06. ICT and digital infrastructure

The ELIDZ is developing robust ICT infrastructure, including high-speed internet, data centre, and support for emerging technologies. This development makes the Zone an attractive destination for tech companies and digital enterprises, fostering innovation and growth.

## 07. Comprehensive support services

The ELIDZ committed to offering soft landing support to investors through the provision of business streamlining and support services that facilitate investment completion and a smooth start-up of local operations.

## 08. Innovation and research ecosystem

Through the ELIDZ Science and Technology Park (STP), the Zone offers engineered solutions to streamline business operations and enhance competitiveness. It supports industrial research and development, technology incubation, knowledge transfer, and the growth of emerging technology industries.

## 09. SMME development programmes

The ELIDZ actively promotes the development of Small, Medium, and Micro Enterprises (SMMEs) through various programmes. Investors can partner with SMMEs to enhance their supply chains and benefit from local expertise and innovation.

## 10. Proximity to academic institutions:

The Zone is close to leading academic institutions, including universities and technical colleges. This proximity facilitates collaboration, access to research, and a steady supply of skilled graduates.



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# FAST FACTS:

## THE ELIDZ IN NUMBERS



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**41** operational  
Investors active  
in the ELIDZ

**R8,7 billion**  
worth of **Private  
Sector Investment**

**9** consecutive  
clean  
audits

**R579,9  
million** of new **private sector  
investment** secured  
in 2023/24

**26,4%**  
**growth** in **export-oriented  
production** by SEZ enterprises

**5205**  
**active jobs**  
in the Zone

**21,9%**  
**growth** in industrial **turnover**  
of zone enterprises

**308**  
**beneficiaries trained**  
through the ELIDZ STP

**3** active  
**incubator  
facilities**

**8** thriving  
**sectors**  
to invest in



**The East London Industrial Development Zone (ELIDZ) Science and Technology Park (STP), launched in 2014, is a hub for industrial research, technology incubation, and the development of emerging technology industries.**



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**SCIENCE &  
TECHNOLOGY  
PARK**

- **Automotive and Manufacturing Incubation Programme:** Supporting the development diversification of the sector developing emerging manufacturers, providing access to resources, mentorship, and facilities.
- **Renewable Energy Centre:** A dedicated centre for training and innovation in renewable energy technologies, driving green solutions for sustainable industries.
- **Automotive Component Manufacturing Programme:** Focused on advancing skills in the automotive sector, particularly in component manufacturing and assembly.
- **Over 523 entrepreneurs** have been supported through STP's incubator partnerships.
- **More than 2000 individuals** have been trained in cutting-edge skills such as CAD, 4IR activities, Digital Forensics, Cloud Computing, Renewable Energy, Additive manufacturing and more.
- **Internship Opportunities:** The STP offers internships providing hands-on experience.
- **Industry Partnerships:** Learnership programmes in Electrical Engineering, Automotive Component Manufacturing & Assembly are facilitated in collaboration with industry leaders.
- **Prototype Development:** Over 20 prototypes have been developed with a focus on commercialisation.
- **Intellectual Property (IP) Support:** More than 300 entrepreneurs have been guided through Intellectual Property matters.
- **Consulting and Analytical Services (CAS) Laboratory:** The ELIDZ CAS Laboratory offers a wide spectrum of chemical and microbiological analysis services. Accredited by the South African National Accreditation System (SANAS), it serves as a critical resource for scientific and industrial innovation.
- **Unlock your potential with the ELIDZ Science and Technology Park.** Whether you are an entrepreneur, a student, or a tech enthusiast, there is an opportunity for you.



# PERFECT PRECISION



SCIENCE &  
TECHNOLOGY  
PARK

The ELIDZ STP Consulting  
& Analytical Services  
(CAS) Laboratory



**The East London Industrial Development Zone (ELIDZ) Consulting and Analytical Services (CAS) Laboratory, an accredited laboratory by the South African National Accreditation System (SANAS), is situated at the ELIDZ Science and Technology Park (STP). The ELIDZ CAS Laboratory, boasting state-of-the-art equipment, enhances the analytical testing capabilities for the water, food, and soil industries in the Eastern Cape Province.**



The laboratory adheres to government and industry regulations, which establish guidelines for acceptable pathogenic and non-pathogenic micro-organisms in specific samples and food groups. It also ensures compliance by following green drop specifications and adhering to SANAS 241, which serves as a benchmark for environmental testing.

The ELIDZ CAS Laboratory is staffed with skilled chemists, biochemists, and microbiologists, offering a wide spectrum of chemical and microbiological analysis services.

In our laboratory, we analyse various types of samples, including: .....

- **Surface Water Analysis:** Testing water from rivers, lakes, dams, and pools to assess its quality and potential contaminants.
- **Groundwater / Borehole Water Analysis:** We examine water from boreholes, wells, and spring sources.
- **Drinking Water Analysis:** Testing of tap water, bottled water, and treated surface or groundwater to verify its fitness for consumption.
- **Wastewater Analysis:** We assess wastewater and its compliance with environmental standards.
- **Inorganic Analysis - Major Cations/Anions:** We analyse the major cations and anions present in water to understand its chemical composition.
- **Physicochemical Analysis:** Examination of physical and chemical properties of substances.
- **Microbiological Analysis:** We perform microbial testing to detect the presence of microorganisms.
- **Metal Scan:** We conduct tests to identify the presence of metals in various samples.
- **Microbiological Food Analysis:** We analyse food products for microbial contamination and safety.



*If you are looking for a reliable, state-of-the-art, SANAS accredited CAS Laboratory, contact our LAB specialists today!*

Ludwe Macingwane - T: 087 373 0702 | E: Ludwe@elidz.co.za  
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[www.elidzstp.co.za](http://www.elidzstp.co.za)



# EXPLORE INNOVATION

*The ELIDZ STP Design Centre - Making it happen!*



***The East London Industrial Development Zone (ELIDZ) Science and Technology Park (STP) Design Centre offers immersive hands-on learning experiences, creating a wealth of knowledge enrichment opportunities. Our state-of-the-art facility is open to a diverse range of stakeholders seeking to develop their prototypes and products.***

With affordable and subsidised rates, this resource is equally suitable for individual projects and collaborative endeavours, making it the ultimate hub for innovation and growth.

Nestled within the ELIDZ STP, the Design Centre is a thriving hub for innovation. Our facility is an ideal location for those seeking cutting-edge resources to bring their ideas to life. Kitted with state-of-the-art equipment, our offerings encompass a wide range of services, ranging from training and skills development to product and prototype development, we are your gateway to innovation.

We are committed to nurturing the next generation of rapid prototyping tools by laying the foundation for innovation and progress. *Together, we are shaping a brighter future.*

***If you are looking for a faster way of producing your ideas into reality, contact our ELIDZ STP Design Centre staff today:***

**Ludwe Macingwane - T: 087 373 0702 | E: Ludwe@elidz.co.za**  
**Ayanda Ndinise - T: 043 101 0195 | E: ayandan@elidz.co.za**  
**Viwe Klaas - T: 043 101 0797 | E: viwek@elidz.co.za**

***Our thriving Design Centre boasts the following facilities:***

**Computer Numerical Control Lathe Machine (Haas St 10)**

- Shape or reduce a round steel bar or a shaft
- Drill a hole on a shaft/bar to a specific measurement
- Work with round shapes & threads

**Laser Engraver & Cutting Machine (Speed 100)**

- Engrave on steel, perspex, cardboard, wood, paper, glass, plastics, leather, aluminium
- Cut perspex, paper, cardboard, wood, leather into any shape

**3D printers**

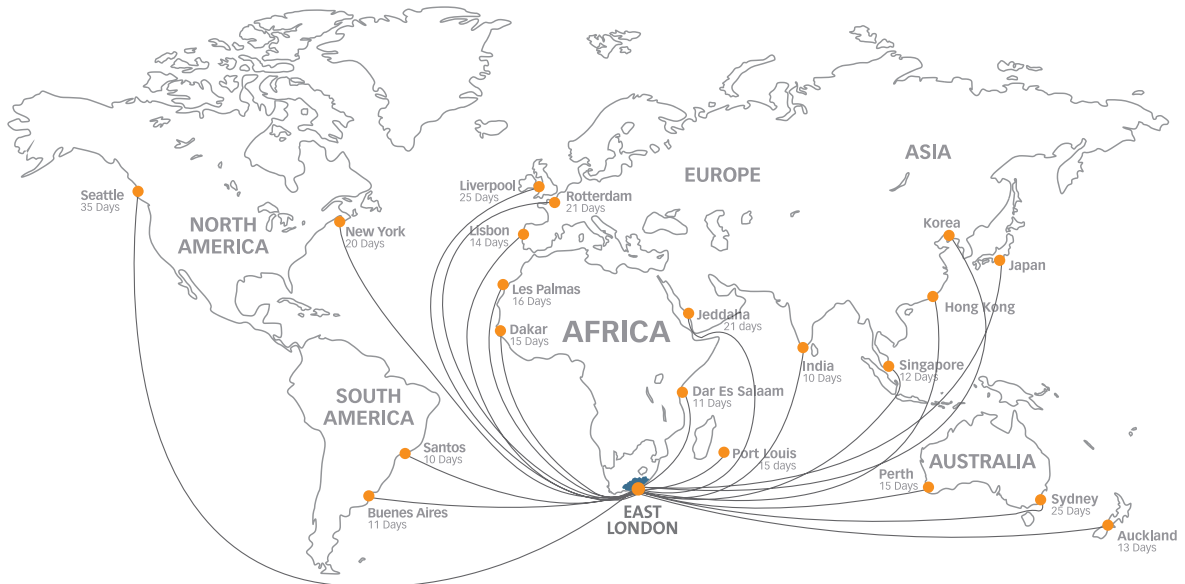
- Ultimate Maker 1 & Ultimate Maker 3 extended
- Zotrex
- Up mini.

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# ACCESSING **GLOBAL MARKETS**

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