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Waste-to-Energy Plants
PROPOSAL CONCEPT

November 2023

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Project No. PSECC005

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Transitional Clean Energy Net ZERO

PSECC Ltd

Portsmouth Sustainable Energy & Climate Change Centre

November 2023

Waste-to-Wealth

SySCraft

EXPRESSION OF INTEREST - EOI SUSTAINABLE MANAGEMENT OF MUNICIPAL SOLID WASTE THROUGH WASTE TO WEALTH MODEL IN KISUMU COUNTY

REFERENCE NO: CGK/ENVR/2022-2023/002

Posted to the Office of The Director Supply Chain Management, County Government of Kisumu, P.O Box 2738-40100, Kisumu - 12 Noon, East Africa local time on 29th June 2023
Can placed in the Tender box located at Prosperity Building (former Nyanza Provincial Headquarters), Second Floor (Reception Area) Wing C

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(viii) Implementation Plan in Gantt Chart

(i) Introduction

Waste-to-Wealth - Integrated Waste Management Facility

Circular Economy Transition for Kisumu County

This Syscraft Limited Consortium Submission document and EOI submission proposal of Waste-to-Wealth plant and is a result of a three-year development program and meetings with the Government of Kumu County. Our system will take in 600 tpd of MSW, sort and separate out organic and inorganic fractions. The Waste-to-Wealth plant is fully funded and will be at Ombeyi Ward, Muhoroni Sub-County of Kisumu processing 600 tonnes per day (tpd) of MSW. If we take out the organic fraction then our gasification process works best for homogenous waste like paper, plastics, wood chips, tires and cardboard. **Our focus therefore is on the "Inorganic waste fraction" of MSW but we intend separating the organic fraction for resale and plastic, metals, glass and wood fractions to the Recycling plant producing energy and other recycled products and can use Gasification for Waste-to-Energy aspects and new products manufactured.**

MSW

Recycling Plant

Medical waste

Tyres

Recycled glass

Recycled metals

We will work with Kisumu Government Officials and teams to ensure that the separated fractions are used in the most appropriate manner and can either be sold or the recycled glass, metals, plastic and ash can then be used in our new Manufacturing plants set up on site to produce new plastic, metal and glass products and the ash used with cement to produce building blocks for affordable homes. Tyers can also be processed and this together with wood and plastic can be processed for energy recovery and the production of electricity. Please review www.wtekisumu.com

Our plants are scalable and can easily process the 5,720 tpd of MSW in Kisumu County in further plants over the next five years if required and we can provide fifty new trucks to increase collection rates. If you want us to process organics we can and could increase the MSW feedstock each day if required as our new trucks will increase collection rates. We can also produce Fertilizers and transport fuels.

In this three-year series of meetings and zoom calls with the Government and Ministers it was confirmed that our approach was much needed for Kisumu in order to deal sustainable waste management. The Circular Economy concept has grown in desirability and as such SyScraft and PSECC Ltd together with SySCraft have brought together different waste company technology providers to provide Recycling, Waste-to-Energy Gasification, which is now very efficient and Fuel production. If adopted by Kisumu County Government would lead the County into Sustainable Waste Management and commence Circular Economic Transition – Waste-to-Wealth – real value for money and lead to a “Sustainable Urban & Rural life” in Kisumu.

Electricity

Building Blocks for house building

If adopted by Kisumu County Government:

- It would lead the County into Sustainable Waste Management and commence Circular Economic Transition – Waste-to-Wealth – leading to a “Sustainable Urban & Rural life” in Kisumu.
- An Integrated Waste Management Facility processing 600 tpd MSW,
- National Determined Contributions on Climate Change Mitigation would be enhanced and many Sustainable Development Goals (SDG’s) met.
- Hundreds of jobs created and new Manufacturing Industries established using the Recycled materials of glass, metals, ash and building blocks made for affordable homes.
- The Renewable Energy mix of Kisumu also would be increased offering increased electrification and stable supply of electricity.
- Kisumu County will have a 10% shareholding in the plant if interested.
  No Government money to build – Full Funding will be provided.

Life cycle analysis (LCA) is a way for environmental scientists to clarify the environmental impacts of a material or product. A circular economy is a system of production and consumption that is powered by renewable energy. The County Government of Kisumu successfully decommissioned Kachok dumpsite and is in the process of developing an Integrated Waste Management Facility 20 km away from CBD in Ombeyi Ward, Muhoroni Sub-County. The County generates approx. 600 tonnes mixed household waste, and another significant amount from County Fresh Produce Markets. The collection rate is approximated at 30%.

Our Integrated Waste Management Facility will lead Kisumu into a clean circular economy, focusing on Recycling and some energy recovery using Gasification, eliminating MSW dump site requirement and closing material loops through better design, maintenance, repair, reuse, refurbishing, and recycling. This offer we are making and submission to Kisumu will ensure a smooth transition into the Circular Economy. To understand this further then a study of Life-Cycle-Analysis is required to understand all the energy used and emissions from, for example producing 1 ton of plastic. The following website is a good place to start on LCA.
www.ellenmacarthurfoundation.org/life-cycle-assessment-for-the-circular-economy

What is Municipal Solid Waste?

Municipal solid waste (MSW), more commonly known as garbage or trash, consists of non-hazardous refuse items that are thrown away by residential consumers, commercial businesses and public institutions.

What Materials Can Be Processed?

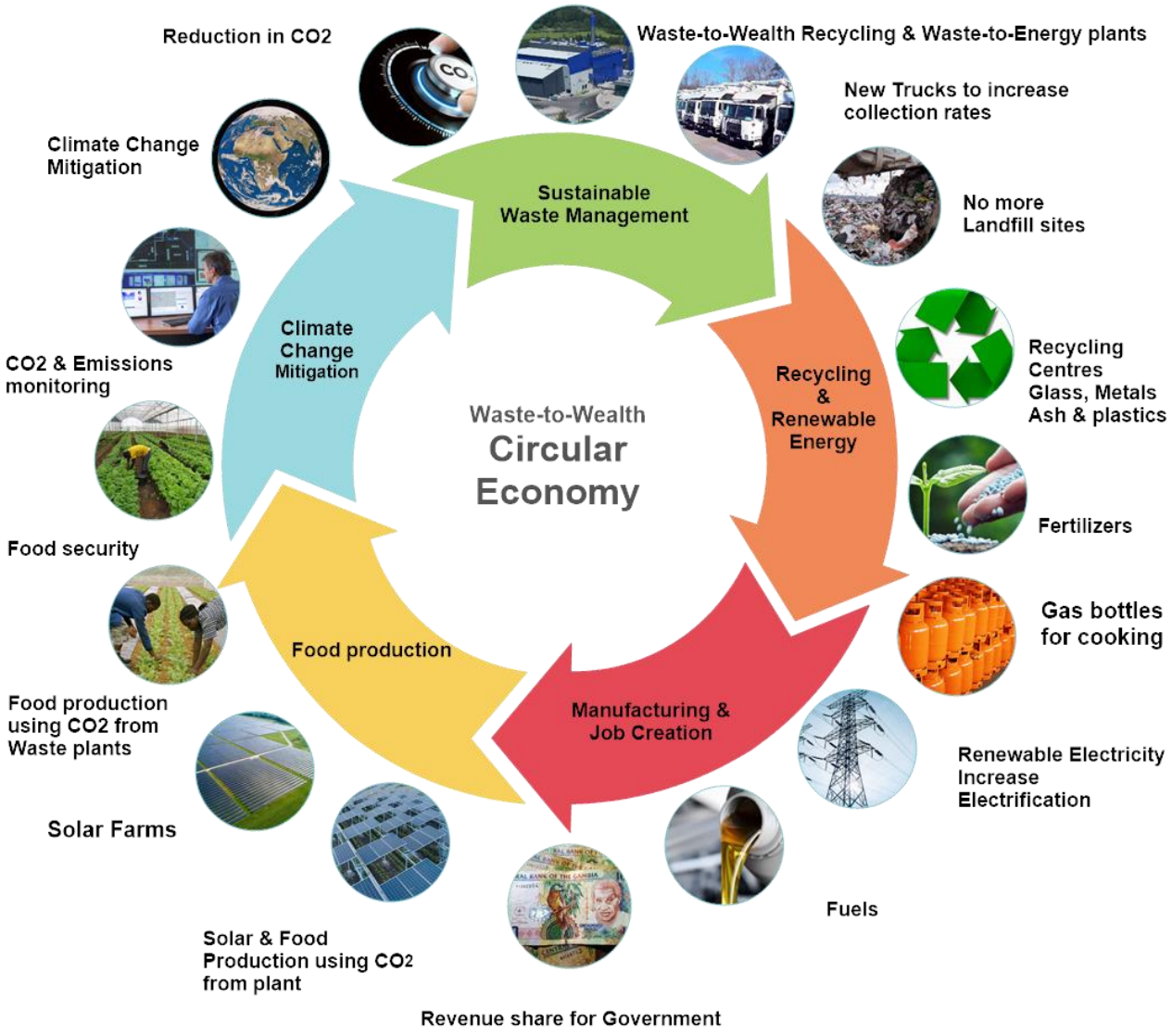
Because MSW is a mixture of waste, there can be a wide variety of items that can be processed for recycling in our plants. The most common items found in MSW are organic food, product packaging, cardboard, furniture items, clothing, glass and plastic bottles, food scraps, consumer paper waste, consumer electronics and appliances, and batteries. We are interested to process the Inorganic fractions so the organics can be sold onto another processor.

Why Recycle MSW?

In many ways, MSW processors have the same goals to separate valuable materials from the non-recyclables and less valuable items. When MSW commodities like metal, wood, cardboard, glass, and plastic are recycled, the amount of virgin raw materials needed to produce new products is reduced. Disposal of MSW into landfills is not only expensive, but not sustainable for the long term, given the limited and finite landfill space available. In addition, MSW recycling can be a profitable revenue stream when commodities are sorted, separated and recovered efficiently in our plant.

This will lead Kisumu into the Circular Economy model transition.

Circular Economy



The reason for the Circular Economy is that our current Linier economy extracts resources, manufactures products, people buy and use the products and then dispose of the old products into Landfill dumpsites. In the process of extraction and manufacturing energy is used and many emissions of pollutants. In order to reduce energy and pollutants then a Circular Economy is required whereby we only extract resources once, reduce energy usage, we recycle and reuse together with recover energy and materials from the waste and re-manufacture them into new products but eliminating the need to exstract new resources.

Waste has value:

Recycled Materials

Here's a tabulated overview of the approximate prices per ton of recycled metal, glass, plastic, and ash in Kenya. Please note that these prices are approximate and can vary depending on market conditions, quality, and demand for recycled materials:

Material	Price per Ton (Approximate)
Recycled Metal	$300 - $600
Recycled Glass	$50 - $100
Recycled Plastic	$200 - $400
Ash (from waste-to-energy plants)	$20 - $50

Again, it's important to note that these prices are rough estimates and can vary depending on various factors such as the quality of materials, local market conditions, and specific buyer requirements. It's recommended to consult local recycling centers, scrap dealers, or waste management agencies for the most accurate and up-to-date pricing information.

Recycled Metal:

Steel: Prices typically range from $100 to $400 per ton.

Aluminium: Prices generally range from $800 to $2,000 per ton.

Copper: Prices can vary widely, ranging from $4,000 to $10,000 per ton or even more.

Recycled Glass:

Clear glass: Prices range from $20 to $80 per ton.

Coloured glass: Prices vary from $10 to $50 per ton.

Recycled Plastic:

High-Density Polyethylene (HDPE): Prices range from $300 to $800 per ton.

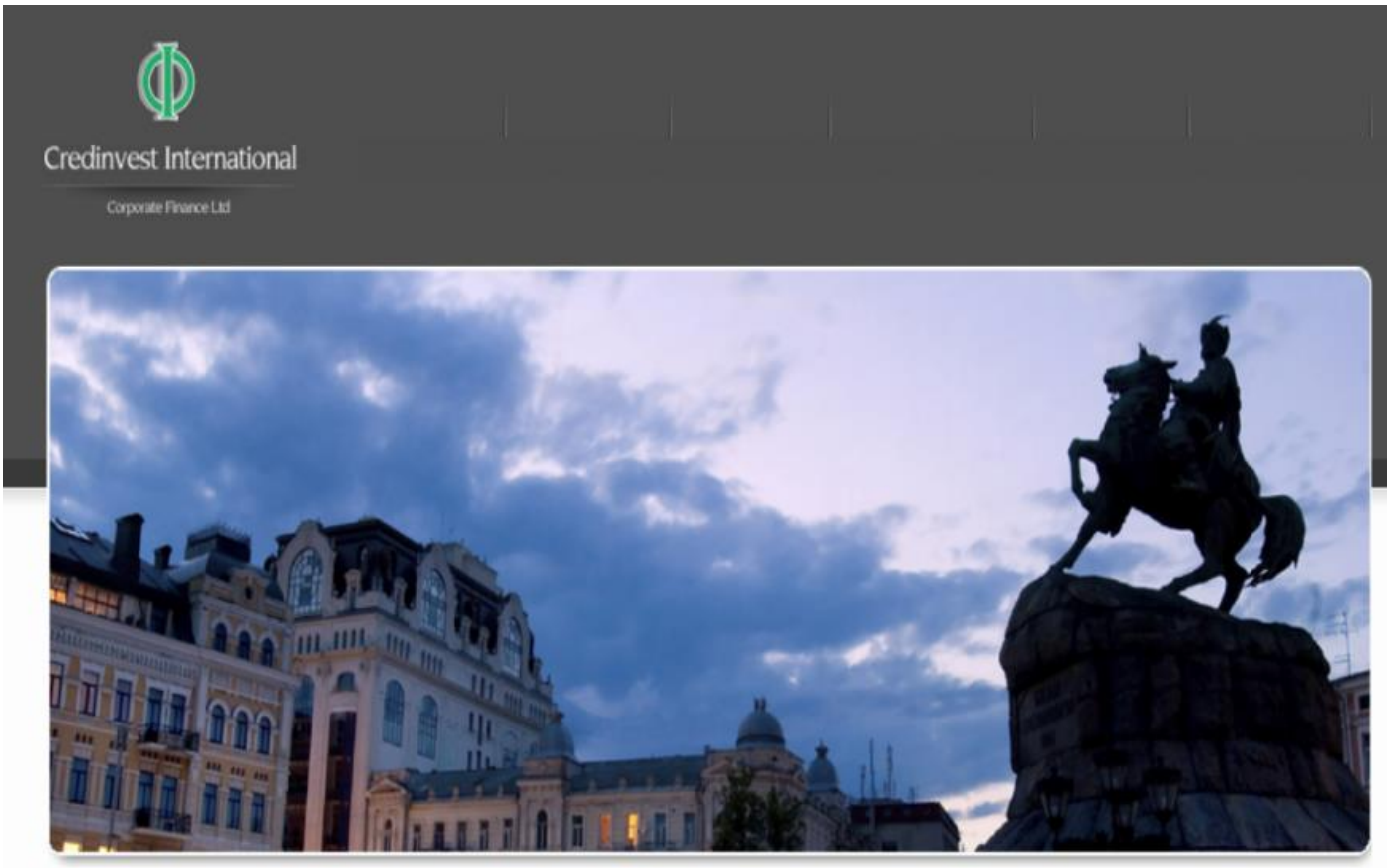
Polyethylene Terephthalate (PET): Prices typically range from $200 to $500 per ton.

Polypropylene (PP): Prices vary from $200 to $700 per ton.

Recycled Ash:

Coal Ash: Prices can vary widely depending on the specific composition and application. It is commonly used in construction and cement production, with prices ranging from $5 to $40 per ton.

Funding for the Waste-to-Wealth plant for Kisumu County



Credinvest International is Malta's foremost corporate finance and consulting organization. They offer Kisumu the funding package. There has been a precedent set in Kenya in the Nairobi waste tender where a Sovereign Guarantee has been enabled and this could also possibly be used for the Kisumu funding. The firm was established in 1993 to provide tailored, focused and dynamic solutions for growing companies with an international dimension. The funding and plant will pay for itself from the selling of organics, recycling the inorganics, selling the recycled material and also selling new manufactured products made from the recycled material.

Each of our services is intertwined through the firm's common philosophy - to serve as a Centre for total solutions for our clients.

For this purpose we draw on the resources, expertise and experience of the firm, its partners, associates, strategic alliances, and staff to tailor comprehensive solutions that consistently exceed our client's requirements and expectations.

Services:

The Firm provides three tiers of service: consulting, finance and tax management.

In Consulting, we advise investors throughout emerging markets, and across diverse sectors with a hands-on, project management type approach, including the structuring of public private partnerships..

We arrange competitive and expedient financing for export contracts, corporate borrowing or infrastructure investment, with energy, transportation and healthcare as our key sectors.

We actively trade carbon emissions.

We purchase or re-structure all types of nonperforming loans and inter sovereign trade receivables.

In tax management we provide solutions to enable our clients to operate within the most tax efficient framework possible, drawing on our teamï¿½s expertise in double taxation agreements and such mechanisms

Energy & Waste

Along with transportation, the Firm has a focus on energy in the following manners:

(i) Renewable Energy

Assuming that a country has interesting wind or solar measurements, and a legislative framework, in line with EU Directives, which provides for an attractive, guaranteed, feed-in tariff, Credinvest International is able to manage such projects, singularly or on a joint venture basis, comprising all aspects including, but not limited to, raising of debt and equity, sourcing of appropriate technologies and so on.

In addition to wind or solar derived energy, Credinvest International is active in the waste to energy field, with project possibilities including the treatment of municipal solid waste and generation of heat or electricity therefrom.

(ii) Energy Projects

The decisions of state-owned energy groups are often, in part or in whole, a function of Government policy. We advise large entities on various aspects of policy and risk management, including commodity purchase hedging, interest rate swaps and co2 emissions sales or Repos.

For the longer-term business, subject of course to mandate, Credinvest International is in a position to support Government and Board level decisions by, for example:

a) Arrange long term financing for energy projects including gas cogeneration and nuclear power, through a balance of multilateral and ECA backed financing, debt capital markets and so on.

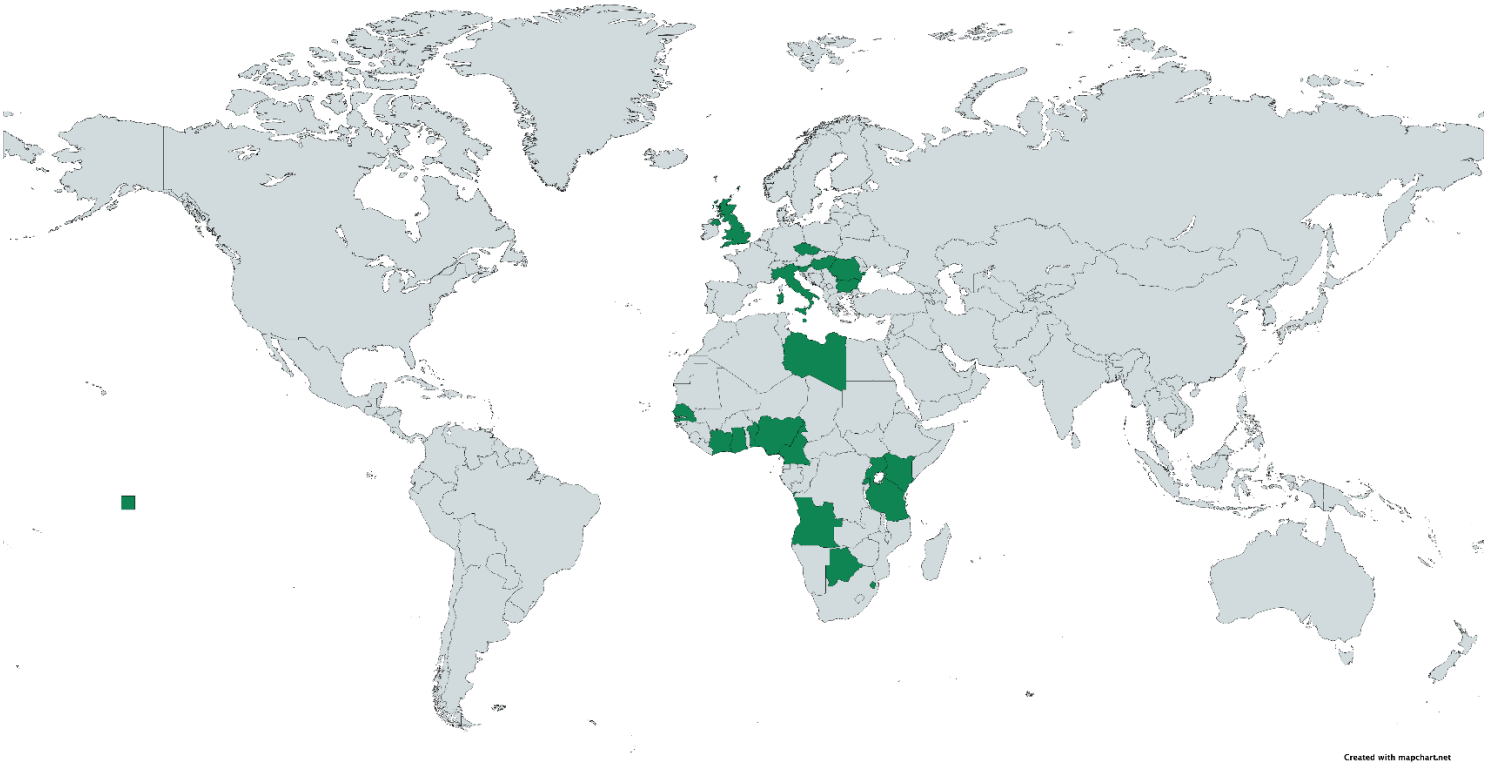
b) If applicable, arrange equity investors to co invest into such projects, be they financial investors or strategic ones.

c) If Government policy has established such, the firm is able to lead manage the divestment of energy assets, such as, for example, energy transmission or distribution lines.

Similar strategies may apply here: it may be possible to package assets into special vehicles for sale to financial investors or by way of IPOs, or sold to strategic investors for further development.

The Energy sector is a highly sensitive one in all countries, because of its impact on all other sectors, and investment therein on an ongoing basis is paramount.

Our International Projects



SySCraft

WASTE-TO-WEALTH

Zero Waste - Zero Landfill dumps - Circular Economy Transition

CONSORTIUM

SYSCRAFT LIMITED - KENYA

Syscraft Limited are driving Sustainable Waste Management and Climate Change Mitigation in Kenya. Syscraft Limited are also developing Environmental Management System (EMS) software to be used in each waste plant to monitor Emissions, Energy & Waste tonnage.

Creditinvest International

Provision of project finance package

PSECC LTD UK

Twenty-seven years in Climate Change Mitigation - Waste Management, Energy Policy & Strategy and Renewable Energy

Manufacturing Africa

A UK Government initiative to provide additional funding for Manufacturing units to be established on the site of the Integrated WAste Management plant to make new products from Recycled, plastic, metal, Glass & Ash.

Alset Power Company Inc

Waste-to-Energy Gasification Zero Waste - Zero Landfill dumps

SARRALLE SPAIN

In SARRALLE we care about the Environment, therefore Recycling is one of our business lines. We process used material (waste) into new useful products, reducing the amount of raw materials. Recycling also uses less energy and a great way of controlling air, water, and land pollution.

At SARRALLE we work to manage in the most efficient way the waste resulted from the industrial activity and obtain energy from it. We work close to the best technologist in the waste recovery area, giving the best solutions adapted to our customer needs.

SARRALLE supplies engineering and construction services in :

- Incineration.
- Biomass.
- Gasification.
- Urban solid waste treatment.
- Energy recovery.
- Sludge Treatment.

Other EPC company technology

Other EPC companies will be approached as needed to provide all the Recycling, Waste-to-Energy and Manufacturing untis

The Kenya-in-Country-partner SyScraft Limited backed up by:

Company	Role
SySCraft	Funding arranger / project management
PSECC Ltd	project management
Alset Power Company Inc/PSECC Ltd	Gasification O&M Consultants & Facilitation
Sarralle & Siemens	EPC companies Recycling, Gasification

Our three-year development programme so far with Kisumu Government – we aim for Waste-to-Wealth and a true Circular Economy transition structure of Waste Management for Kisumu – **Zero Waste – Zero dumps – fully funded, no Government money required.**

SyScraft Ltd's partners, PSECC Ltd, SySCraft , Sarralle or our other EPC companies offer this proposal to construct the Kisumu County Integrated Waste plant with an Environmental Education Centre with a Total Recovery Facility® ("TRF®") inside, will produce building products and renewable electricity, recycled glass, metals, ash, some plastics and on-road transportation liquid fuels together with cooking gas. It will establish Manufacturing Industrial units to produce new products from Recycled materials creating hundreds of jobs.

This will eliminate the practice of landfill dumpsites and the Project will be scalable to take advantage of future growth opportunities expandable to all the MSW including agricultural waste and other various waste streams giving Kisumu 100% reuse and complete recycling with no need for any waste to go to a landfill - ZERO.

Following our first formal EOI submission by the 31st October 2022 and now this new EOI and if we receive our formal acceptance letter to proceed to Feasibility study we will secure the funding for the plant and will start with a Feasibility study.

Our approach meets many if not all the aspirations of your Horizon 2030 & SDG's.

Kisumu Integrated Solid Waste Management Plan (KISWaMP).

This plant will be fully funded and no Government funding required to build the plant. In terms of economic inputs Kenya Power will be the customer for the electricity – we propose to set the charges per KWh at 12.5 Kenyan Shillings or $0.10 KWh USD - negotiable) - A focused Feasibility study should find that an injection of payment from the budget for the electricity will be needed only in the early years, after which the energy boost and selling of recycled manufactured goods to the local industries and living standard should raise the floor on County revenues. Kisumu County Government will have a 10% shareholding and Revenue share in the plant making it more sustainable for the Government. A typical mix of technologies could be as follows:

Recycling Plant: Sarralle Recycling center – inorganics, recycled metals, glass & ,, paper and plastic

1.	Gasification or Recycling - energy, fuels, ash Blocks	- 222 tpd
2.	Organic Fraction sold on for other processing	- 378 tpd
		Total + 600 tpd

We will add tyres to the Gasification feedstock to get it upto a minimum of 350 tpd and we will work with the Kisumu Government Ministries to ensure we deliver exactly what is needed for Kisumu to meet the Circular Economy and the exact nature and final choice of technologies adopted will be carefully determined and managed.

Waste will be sorted and separated out into Inorganic and Organic fractions.

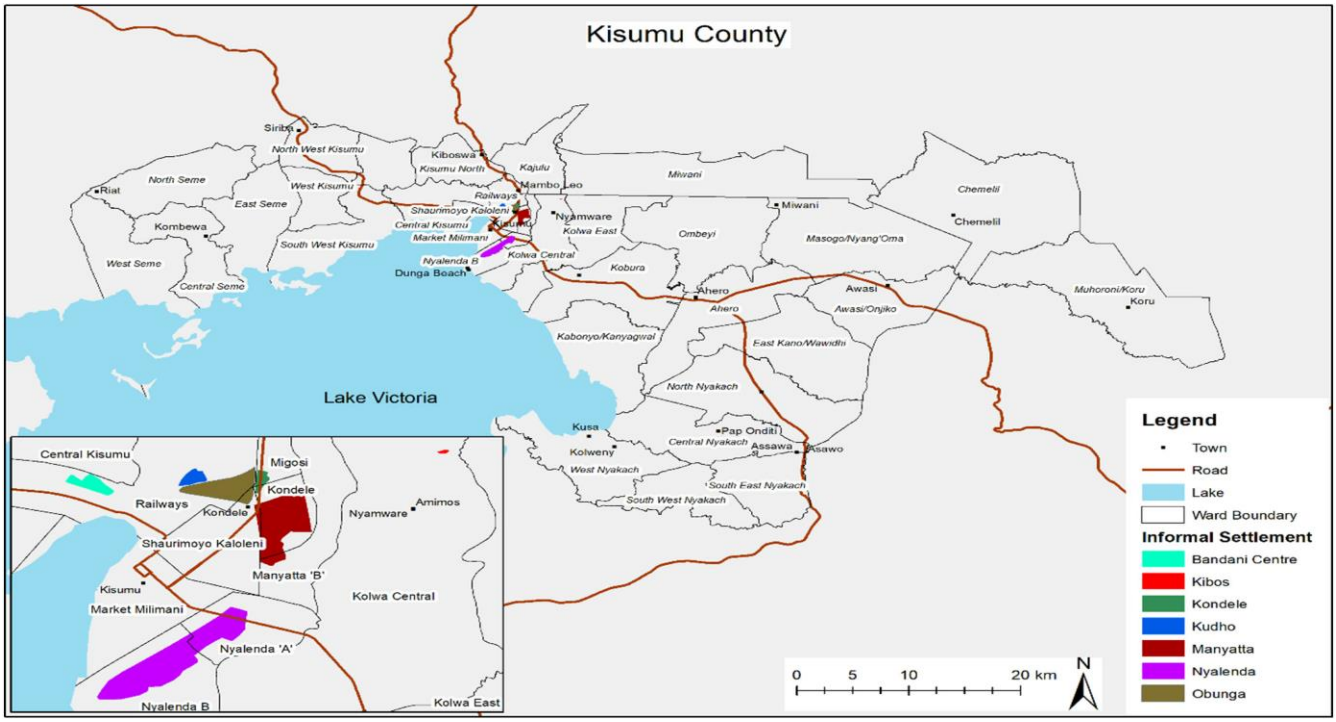
The Organics can then be sold onto another company.

Waste is also partially sorted by hand as well as mechanical and optical means.

Baled Recycled material ready to be sold and Manufactured goods can also be made onsite and resold at much higher value.

KISUMU waste data and current waste management practices

Fig. 1 – We have studied the current waste situation in Kisumu.



Kisumu County, which has Kisumu City as its capital, is strategically positioned in the west of Kenya on the shores of Lake Victoria, the second largest freshwater Lake in the world. Kisumu, the third largest city in Kenya, is a key commercial and transport hub for the Western region of Kenya and the East African region. In spite of that, over half of Kisumu City's population are categorized as poor. From a recent research report in 2017 titled “Challenges of Solid Waste Management in Kisumu, Kenya”

Lesley Sibanda
University of Cape Town
1 PUBLICATION 22 CITATIONS

Frankline Awuor
Jaramogi Oginga Odinga University of Science and Technology
15 PUBLICATIONS 46 CITATIONS

Solid waste management is a major environmental and public health concern in many urban areas of developing countries. Kisumu like many urban areas of developing countries is grappling with increasing waste generation, an overflowing dumpsite and pollution from uncontrolled discarding of waste. Sustainable solid waste management has remained elusive in the city due to lack of adequate funding and skilled personnel besides poor public attitude towards waste management. Kisumu City’s population is projected to grow by 2.8% annually resulting in added strain on the infrastructure and basic service delivery.

Solid Waste Management Stakeholders in Kisumu City

Prior to the establishment of Kenyan Environmental Management and Coordination Act (EMCA) of 1999, solid waste management was the sole responsibility of local authorities. The Act was enacted to provide the appropriate legal and institutional framework for the protection, management and conservation of the environment (Republic of Kenya 1999). The EMCA also emphasizes citizens' right to a clean and healthy environment and the duty to safeguard and enhance the environment through disposing of waste in designated areas (Republic of Kenya 1999). The waste management regulations within the Act apply to all waste categories and specify the requirements for handling, storing, transporting, treatment and disposal of waste (Agong et al. 2008; Republic of Kenya 1999). In 2008, the EMCA was complemented by environmental bylaws which specified the appropriate waste practices and outlined the penalties for failing to adhere to the stipulated standards. Moreover, these bylaws allowed local authorities to contract private waste collectors licensed by the National Environment Management Agency (NEMA). As a result, the provision of waste management services in Kisumu is a collaborative effort between the City Council of Kisumu, registered private collectors and informal entrepreneurs.

Kisumu City's Department of Environment is mandated with the provision of solid waste management services. However, the department lacks adequate technical capacity and financial resources required to effectively collect and manage all the waste generated within the City. In line with the bylaws and in order to expand waste management services, the City's Department of Environment has contracted SWM services to private collectors and has initiated private-public partnerships. As a result, they have been issued with permits allowing them to provide door-to- door collection of wastes from their clients. Their clients are mostly from middle- income residential areas like Migosi, Lolwe, Kenya-Re and Milimani areas besides numerous institutions, industries and restaurants.

Collaborations between the City's Department of Environment, civil society partners and non-governmental organizations also provide additional services. One such collaboration was the initiation of the Kisumu Integrated Solid Waste Management Plan (KISWAMP). The KISWAMP combined centralized modes of service provision with grassroots initiatives and was aimed at expanding the coverage of waste management services to informal settlements where open pits were widely used to manage solid waste. Research indicates that local authorities in developing countries face numerous challenges with respect to service delivery. These include inadequate policy and legislation, lack of public commitment and awareness, lack of technical capacity and poor financing.

Normally provision of solid waste services is an expensive undertaking, and resources are required to purchase the appropriate equipment and infrastructure, fund the maintenance and daily operation of vehicles and equipment and train or upskill personnel. The scarcity of resources (financial, technical and logistical) is a major hindrance to effective solid waste management practices in Kisumu. **Our consortium is here to assist Kisumu with the technology and funding to make this task sustainable**.

Environmental Challenges 4 (2021) 100189 - www.elsevier.com/locate/envc

Table 1
Population and waste characterization data for Kisumu.

Parameter	Value	Unit	Source
Total population in Kisumu County	1 155 574	inhabitants	Kenya National Bureau of Statistics 2019
Population in Kisumu City	397 957	inhabitants	Kenya National Bureau of Statistics 2019
Projected population growth	2.8	%/year	Munala and Moirongo, 2011
Kachok dumpsite size	2.73	ha	Ngusale et al., 2017
Total waste generated in Kisumu City	338	tonne/day	Ngusale et al., 2017
Total waste generated in Kisumu City	123 425	tonne/year	Ngusale et al., 2017
Organic waste generated in Kisumu City	77 881	tonne/year	Ngusale et al., 2017
Paper waste generated in Kisumu City	15 182	tonne/year	Ngusale et al., 2017
Plastic waste generated in Kisumu City	12 589	tonne/year	Ngusale et al., 2017
Glass waste generated in Kisumu City	3 950	tonne/year	Ngusale et al., 2017
Scrap metals generated in Kisumu City	1 605	tonne/year	Ngusale et al., 2017
Other waste generated in Kisumu City	12 219	tonne/year	Ngusale et al., 2017
Proportion of waste collected in Kisumu City	20–35	%	Sibanda et al., 2017

www.elsevier.com/locate/scitotenv February 2021 report.....

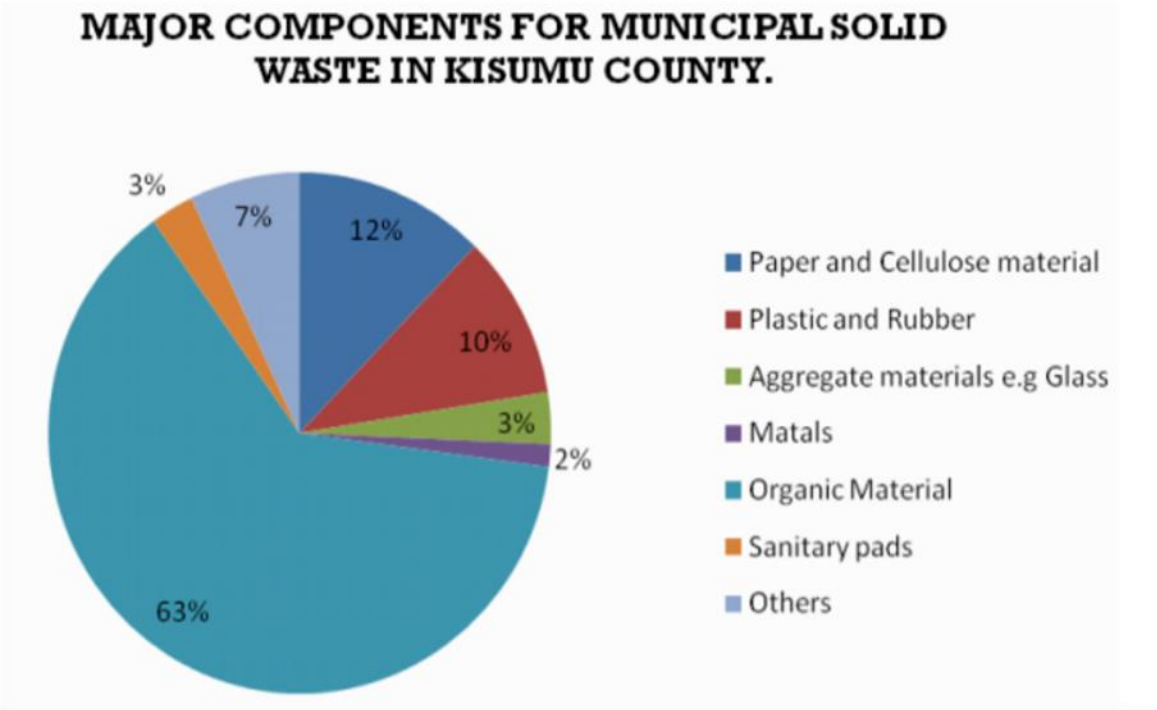
A system dynamics-based scenario analysis of residential solid waste management in Kisumu, Kenya

The problem of solid waste management presents an issue of increasing importance in many low-income settings, including the progressively urbanized context of Kenya. Kisumu County is one such setting with an estimated 500 tons of waste generated per day and with less than half of it regularly collected. The open burning and natural decay of solid waste is an important source of greenhouse gas (GHG) emissions and atmospheric pollutants with adverse health consequences. In this paper, we use system dynamics modelling to investigate the expected impact on GHG and PM2.5 emissions of (i) a waste-to-biogas initiative and (ii) a regulatory ban on the open burning of waste in landfill. We use life tables to estimate the impact on mortality of the reduction in PM2.5 exposure. Our results indicate that combining these two interventions can generate over 1.1 million tonnes of cumulative savings in GHG emissions by 2035, of which the largest contribution (42%) results from the biogas produced replacing unclean fuels in household cooking. Combining the two interventions is expected to reduce PM2.5 emissions from the waste and residential sectors by over 30% compared to our baseline scenario by 2035.

Kisumu City 600 tonnes per day of MSW is processed - Gasification WTE & Recycling.

Kisumu County generates about 5,720 tons of solid waste per day (as per Kisumu-County-CIDP-II-2018-2022-3) further plants possible. Based on MSW data we can achieve approximately 671.54 kwh per ton of Waste using Gasification.

Fig. 2



The composition of waste in a city depends on the existing sectors, public consumption patterns, lifestyles, income and cultural traditions.

We will separate out the organic waste fraction and then process the 222 tpd of Inorganic waste streams of MSW, tyres and also some medical waste can be processed, the 378 tpd of organics will be sold to other processor if needed.

Kisumu MSW Characteristics

Item	*Generated tons of municipal waste/day	Materials composition %	Annual (tons)
Organic waste	235	63.1	85,850
Waste paper	46	12.3	16,735
Plastics	38	10.2	13,877
Glass	12	3.2	4,354
Scrap metals	5	1.3	1,769
Others	37	9.9	13,469
Total	373	100	136,054

[a]Includes industrial waste dumped at the city dumping site (Kachok) but excludes hospital waste

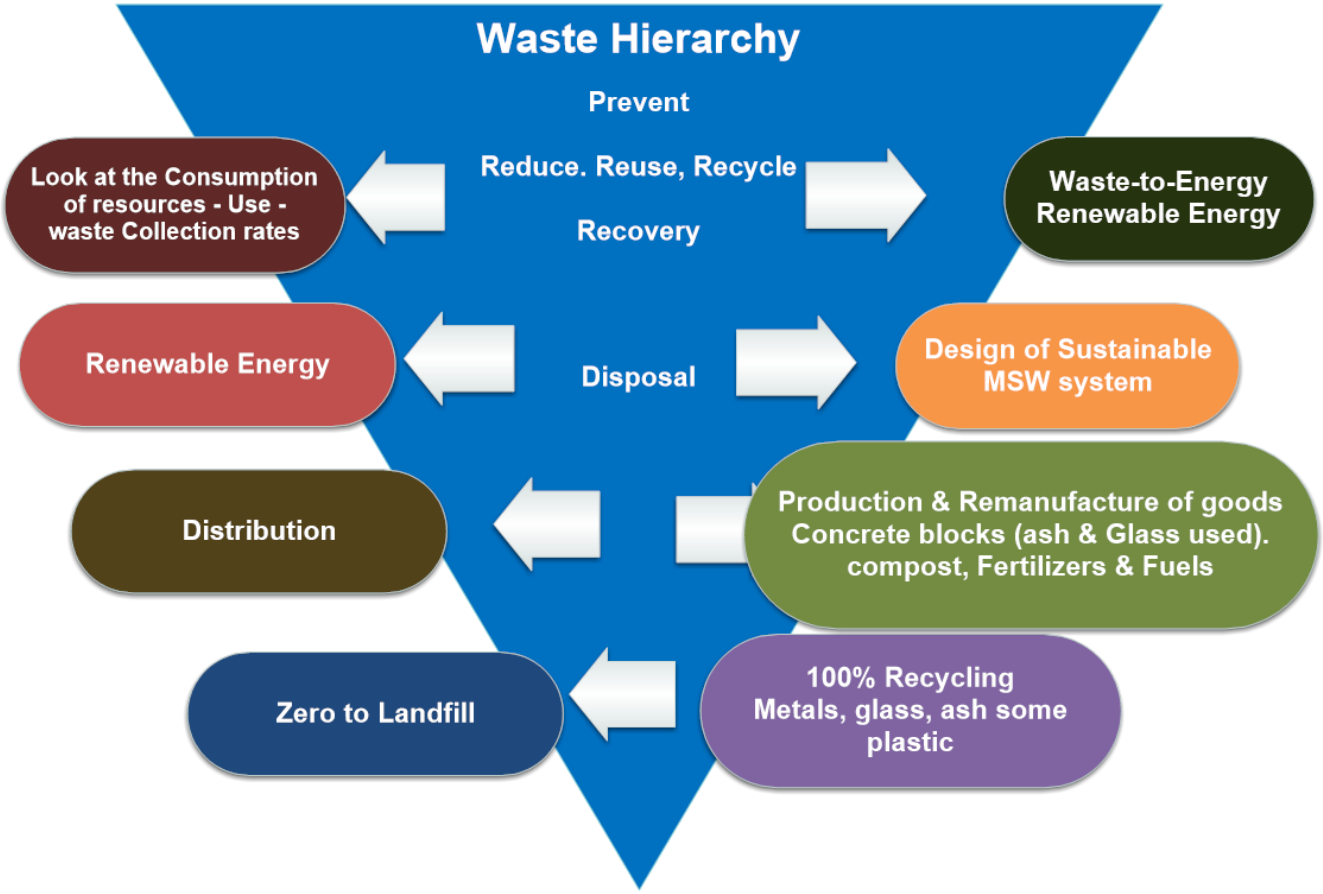
Source: Energy Recovery from Municipal Solid Waste 2017

Article *in* Energy Sources Part A Recovery Utilization and Environmental Effects · August 2017

DOI: 10.1080/15567036.2017.1376007

50 Trucks to increase collection rates

Waste Hierarchy & the Circular Economy

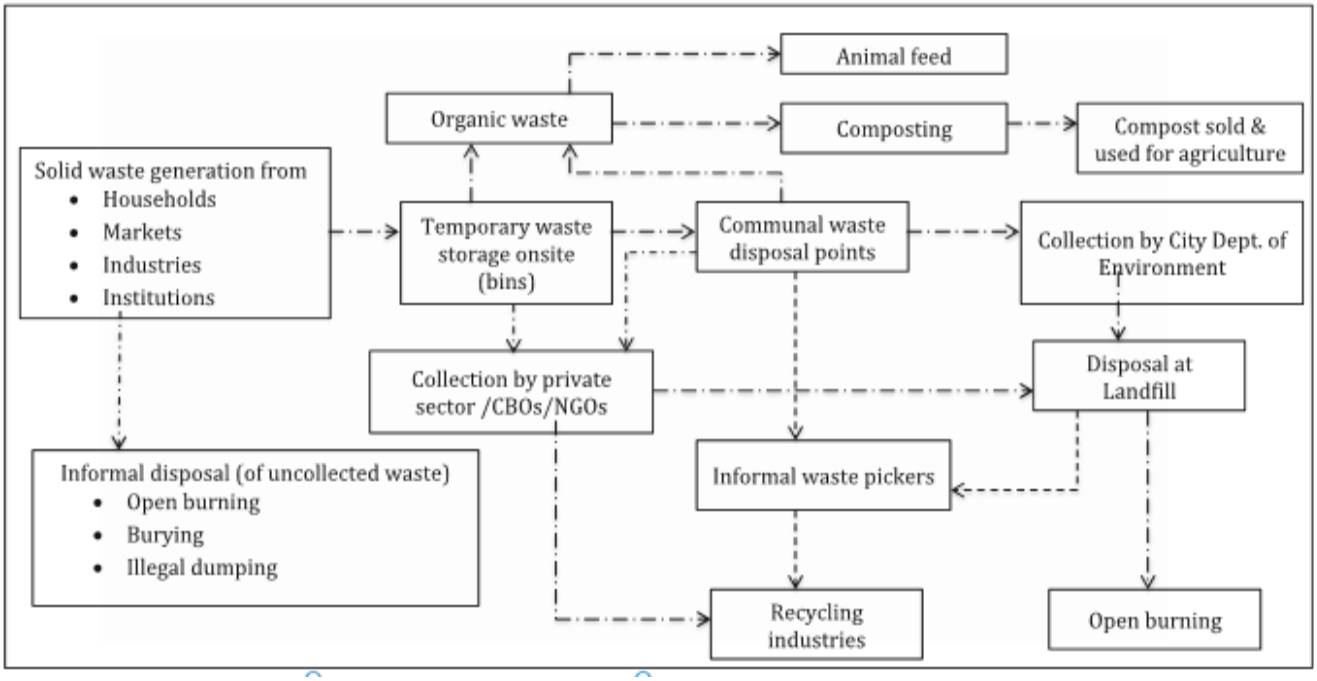


Zero Waste going to landfill - Sustainable - Circular

Table 2 Solid waste streams in Kisumu (adapted from Nyaluogo (2016) and Okot-Okumu (2012))

Waste stream	Waste characteristics and composition	Current disposal method
Residential waste	The waste mostly consists of food wastes and packaging such as paper, glass, metals and plastics. Textiles were also observed but in lesser quantities than organic and packaging waste	Depending on the neighbourhood, waste collection services are provided by the City's Department of Environment and/or private collectors. For informal settlements, services are provided by CBOs and NGOs and individual entrepreneurs. Pits are often used
Market waste	The waste mostly consists of organic waste (i.e. vegetable leaves, stalks, bad and rotten fruit and vegetables) and packaging materials (plastic, paper, sacks and wooden pellets)	Waste collection services are provided by the City's Department of Environment. Some markets are serviced by private collectors sourced by their market associations. A significant proportion of organic waste is sold as animal feed to pig breeders or as input for compost making
Waste from commercial enterprises (shops, companies, restaurants)	The waste consists of organic (food) waste, paper, plastic, e-waste and in certain instances hazardous waste	Waste collection is mostly undertaken by the City's Department of Environment and private collectors
Waste from institutions (schools, colleges, universities)	The waste constitutes organic (food) waste and packaging materials (i.e. cardboard, paper, plastics)	Waste collection is mainly facilitated by private collectors
Industrial waste	The waste generated is dependent on the specific industry and ranges from decomposable food wastes to bottles, plastic containers, cardboard, wooden pellets, ash, construction and demolition waste	Waste collection is mostly undertaken by private collectors. Some industries have recovery and recycling strategies for scrap metal, glass and paper
Waste from healthcare institutions (hospitals, clinics and laboratories)	The waste is mostly biomedical, hazardous and radioactive. Small quantities of paper, plastics and glass are also generated	Mostly undertaken by private collectors and the City's Department of Environment. Some healthcare facilities manage their own hazardous wastes. Common disposal methods include incineration and landfill

Fig. 3 Overview of waste management in Kisumu



The principal impacts from the open dumping of waste include the contamination of groundwater, surface water and soil due to leachates from solid waste dumps. In addition, the waste entering the dumpsite is mixed, and thus it is highly probable that it contains toxic chemicals and hazardous materials. This increases the chances of pollution but also puts the health of the scavengers, waste pickers and dumpsite workers at risk as they do not have the appropriate protective gear to be handling waste. In addition, these individuals are also prone to cuts and infections as a result of stepping on glass, tin and/or syringes while scavenging for valuable materials. The dumpsite has now been closed.

The open burning of waste is another challenge as it results in the release of toxic pollutants and emissions such as sulphur dioxide (SO_2), nitrogen oxides (NOx), dioxins and furans. These gases can cause respiratory diseases when inhaled, and others like dioxins and furans are carcinogenic and known to aggravate bronchial and asthmatic disorders. This also results in air pollution which can adversely impact on human health especially for communities living near landfill sites. Greenhouse gas (GHG) emissions are one of the most significant environmental impacts associated with the conventional landfill and combustion of solid waste. These GHG namely methane and carbon dioxide are also released during the break- down of biodegradable materials. These gases in particular are of concern because of their high global warming potential. Other risks associated with open dumping include bad odour, aesthetic nuisance, fire outbreaks and the proliferation of insects, mosquitoes, flies, cockroaches, rats and rodents. Such dumping sites often become breeding grounds for vectors of ailments like cholera, dysentery, diarrhoea and yellow fever.

Sustainable Urban & Rural Life

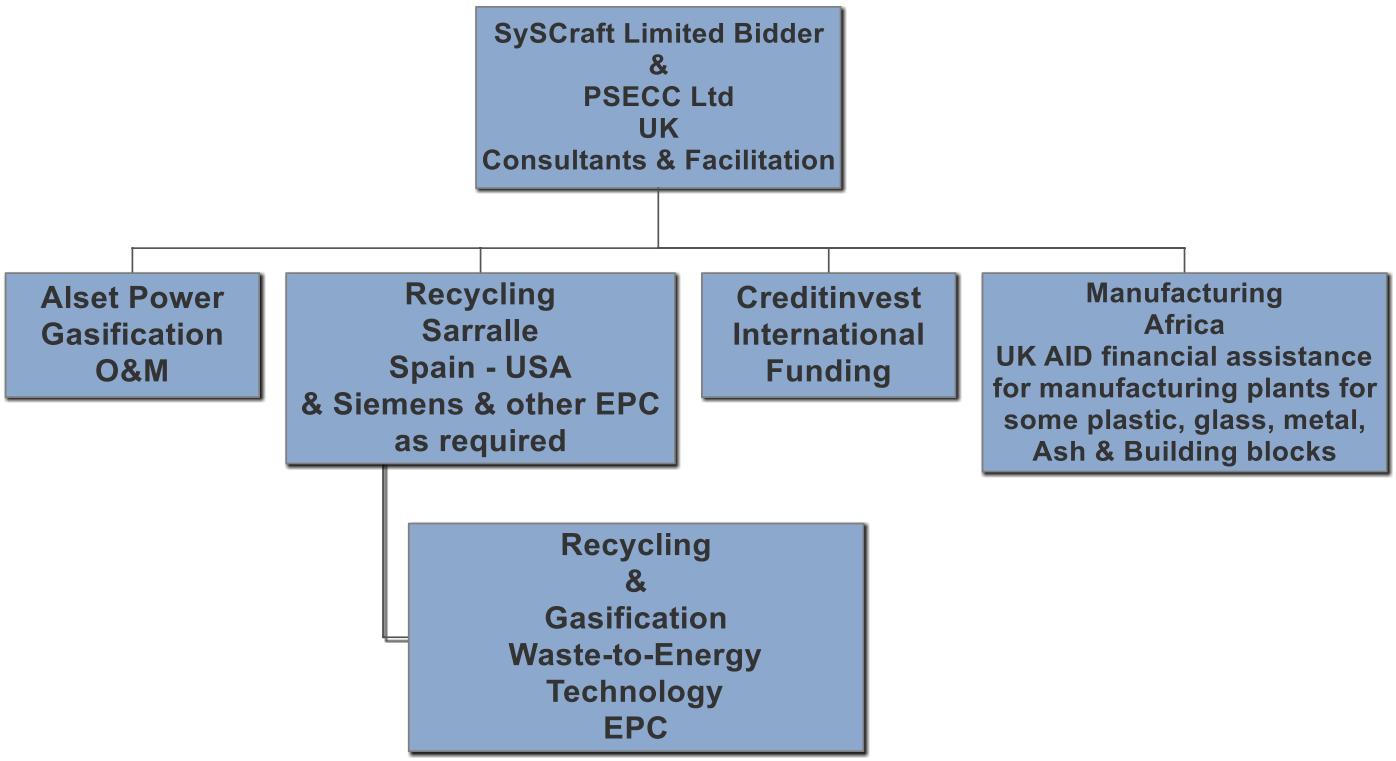
Stop the need to burn waste in Landfill sites - Helps prevent pollution and enhances Duty-of-care in Kisumu Jobs offered to pickers to bring waste to the new plant. The Recycled products can be used in new Factories, new concrete building blocks to build the new homes in Kisumu from Recycled, Glass, Ash and then cement added and also CO_2 used in food production and enable vegetables such as Tomatoes to be grown.

Less water pollution

Clean up of all the waste near the water's edge is possible. Our plants will stop plastic entering the water and also contamination of Lake Victoria – 70,000 sq KM and dredge the Lake to help clean it and increase Fish stocks Also Enhance Duty-of-Care for the population.

(ii) Experience

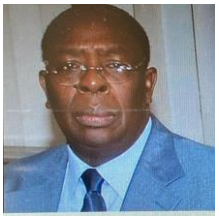
Consortium project partners



Please review www.wtekisumu.com

SySCraft

www.syscraft.co.ke



WHO WE ARE

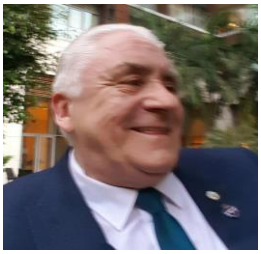
SyScraft Limited are driving Sustainable Waste Management and Climate Change Mitigation in Kenya with International partners Sarralle from Spain and PSECC Ltd in the UK www.psecc.co.uk. Syscraft Limited have brought in the special Gasification, Moving Grate WTE and 100% Recycling technology plants and funding and are involved in Solar PV panel Manufacturing development in Kenya.

In June of 2022 we entered negotiations with the UK AID program “Manufacturing Africa” in order to gain financial assistance for our Solar PV Manufacturing plant for Kenya.

At SyScraft, we are also committed to being a digital transformation partner for government, financial services providers and other mid-market enterprises across Africa. With Our ability to apply insights across different sectors, we are able to understand customer pain points and deliver integrated, end-to-end capabilities to customers. We have deep expertise in technology and software development. We design, develop and deploy cutting edge technology platforms that enable organizations offer superior experiences for the ever-changing customer needs.

We have Solutions that enable organizations achieve greater agility, accuracy and efficiency in transforming processes, managing information, enhancing overall customer satisfaction and driving enterprise profitability.

Syscraft Limited are also developing Environmental Management System (EMS) software to be used in each waste plant to monitor Emissions, Energy & Waste tonnage.



www.psecc.co.uk

Alan Brewer MSc - Director PSECC Ltd - DEVELOPMENT WASTE-TO- ENERGY & Renewables. Mr Alan Brewer is responsible for initial Energy Strategy Coordination for the Lapsset Corridor Project working with Afri-Fund Capital, facilitating this waste project with SyScraft Limited and leading the Waste & Energy teams at PSECC Ltd. Since joining PSECC Ltd in 2011, he has been directly involved in restructuring and continued evolution of the Waste & Renewable Energy in Africa since 2012 and advises six African Nations.

In June 2023 – PSECC Ltd is the Lead Administration company on a UK Government Research development project in South Africa "Solar Powered Pressure Cooker" to help prevent Deforestation. In 2021 PSECC Ltd was again the Lead Administration company for the UK Government InnovateUK Energy Catalysts Round 8 Cassava Hammer Mill project in Ghana - www.agritechsolutions.co.uk Formerly Head of Climate Change at the Chambers of Commerce, Energy Network Coordinator of the HNRI programme in the UK and responsible for City Energy Policy & Strategy under Agenda 21 Sustainable Development programming in the waste and energy sectors on an international basis. Degree level in Management and a Master's Degree in Environmental Engineering from the Universities of Portsmouth & Plymouth & a Qualified Global Assessor BREEAM.

We have been in negotiation with the Kisumu County Government Ministers and Governor since 2020. We had gained support for our proposal to provide full funding and our truly sustainable waste management solution for Kisumu. Our solution has developed out of these negotiations and is one that offer "Wealth" creation from the MSW in Kisumu in the form of Renewable Energy, Recycled products such as glass, metals, Ash, some plastic and fertilizer and fuel production. We have already linked into the UK AID "Manufacturing Africa" programme for our Solar PV Manufacturing plant for Nairobi and could also link into them for financial assistance in setting up manufacturing Industrial start-ups for Kisumu to make new products from the Recycled material coming from our waste plant.

sarralle
A Universe of Engineering

www.sarralle.com/en One of our EPC companies

www.sarralle.com/en/sectors/waste-recycling

B° Landeta, C/Orendaundi N° 7 Apdo. 120730 Azpeitia (Gipuzkoa) SPAIN

Processing of tonnes of municipal waste with less effort and time. Our contemporary MSW processing plants offer systematic solutions to treat each waste like MSW - paper, plastic, electronics, glass, etc. separately. As the industry is heading towards digitization, we are bringing revolutionary change giving a technological curve to get the job done professionally. Our teams of professionals and experts is systematically making the MSW process customizable to tackle the different kinds of waste in one go. We are passionate about creating a circular economy while recycling or reusing all kinds of MSW using only patented waste sorting machines.

Technology

Enjoy the best Hybrid *Recycling & Waste-to-Energy* combined together

100% Recycling & Cleanest form of Waste-to-Energy
At SARRALLE we work to manage in the most efficient way the waste resulted from the industrial activity and obtain energy from it. We work close to the best technologist in the waste recovery area, giving the best solutions adapted to our customer needs.

SARRALLE supplies engineering and construction services in :

Incineration.

Biomass.

Gasification.

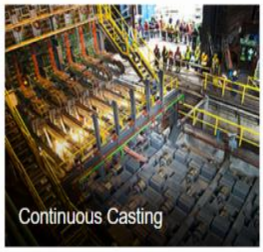
Urban solid waste treatment.

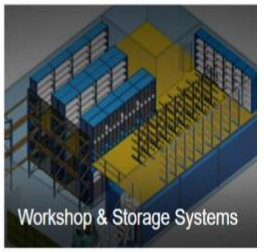
Energy recovery.

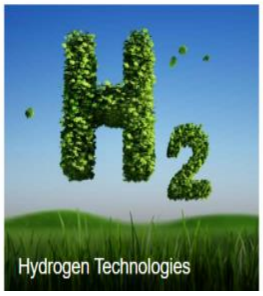
Sludge Treatment.

Business Lines

Innovative solutions for various industrial divisions







Customers
SARRALLE PALENCIA . Industrial Provincial Av. Tren Expreso Parcela 223 34200 ...

Rolling Mill
SARRALLE is a driver for hot rolling long product mills technology thanks to its ...

Contact us
SARRALLE AZPEITIA - HEADQUARTERS. B° Landeta, C/Orendaundi, N° 7 20730 ...

Processing lines
SARRALLE has its own production facilities for mechanical and electrical assembly ...

Steel Melting Plant
SARRALLE was founded in the 1960s.Today, with more than 50 years of ...

Workshop & Storage Systems
Since 1971, SARRALLE is engaged in the design, manufacture and supply of the ...

Career
Working hand in hand, we achieve optimum results. Join us!

Waste Recycling
Waste Treatment, Business Lines, Waste Treatment, In SARRALLE we care about ...

Continuous Casting
SARRALLE Continuous Casting Machines have been engineered through the ...

Waste to Energy
Since the Electric Arc Furnace (EAF) stepped into the industrial production of ...

Benefits of our Plant

1. ZERO Waste – ZERO Landfill – complete Sustainable Waste project - meets Net Zero objectives * Circular Economy.
2. One plant – 600 tpd MSW - total plant funding of approximately USD $90 million.
3. "NO" Cost or burden to Kisumu Government for the plant Provision of USD $90 million for the plant & trucks & Rickshaws & more.
4. Leads Kisumu into the Circular Economy
5. Increases Recycling rates & Renewable energy targets
6. MSW, Medical and some liquid waste processed, energy, recycling, fertilizers, fuels produced, which fits into the Kisumu Strategic Objectives.
7. Climate Change Mitigation - Renewable Energy - CO_2 & CH_4 reduction.
8. Less Air Pollution and Leachate from Landfills entering the water courses and Lake Victoria.
9. 100% recycling of Glass, Ash and metals used in production of new products in the new Waste Management Facility.
10. 300 job creation, poverty reduction.
11. 10% Shareholding in the plant - Revenue Generator for Kisumu Government.
12. 50 Trucks & 100 Gas Powered Rickshaws per plant.
13. Manufacturing of Concrete Building blocks.
14. Food production using waste Carbon Dioxide from the plant & heat (Food security).
15. Gasification is 45% more efficient than Incineration.
16. 50% less cost than Incineration *112,482 MWh* of electricity produced each year.
17. Income generation each year revenue from the plant for Kisumu Government, actual amount will be determined by negotiations and the Feasibility study.

18. All SDG's met (Sustainable Development Goals) by these waste plants for Kisumu.
19. Carbon Credits.

20. Full funding provided for plants, trucks, and Rickshaws infrastructure - bins, containers for village, Town and City waste collection, also bins and containers.

"NO" Cost or burden to Government to build the plant and the Renewable Electricity & PPA of between $0.08 to $0.10 KWh will be required to be paid by Kenya Power Private to assist the Sustainable Urban & Rural Sustainable Waste Management in the County.

We have also provided the Kisumu Government now on this site a Complete Sustainable Waste development document and tool kit to train and enhance the knowledge of Sustainable Waste Management in Developing Countries. (Find the document on the "about" page of the website www.wtekisumu.com "DOWNLOADS")

Preferred Waste materials

Our preferred waste streams are the Inorganics fractions in the MSW, plastic, metals, wood, ash, paper, cardboard,- we can also process some medical waste & Tyres. Moving Grate WTE can also be used as it is now more efficient.

The system proposed will initially consume up to 600 tpd in the plant for the City of Kisumu, the County has 5,720 tons of MSW currently available in the Kisumu County area, so seven plants can be built over time and Technology & funding provided by us. Some plastic will be used for manufacturing of new products.

(iii) Funding mechanism

Funding - There is an opportunity for the funding route for Kisumu County to be on a Sovereign Guarantee funding basis, similar to that offered by the Central Government Treasury Agreement for the Nairobi waste plant, which is provided on an equity and debt investment basis and interest of between 5% & 6% (but 10% share of earnings of the enterprise will go to Kisumu Government for the funding route), this will be arranged directly by Creditinvest International. Close coordination will be required with the official governmental and financial regulatory bodies in Kisumu to provide assurances in terms of repatriation of funds and earnings, and, in the case of loans, repayments of the loans through the Power Purchase Agreements and selling recycled material and new manufactured goods.

(iv) Preliminary Evaluation and Mandatory Requirements

S/NO	PRELIMINARY EVALUATION/MANDATORY REQUIREMENT	REMARKS
MR1	Certified Copy of Certificate of Incorporation/Registration Certificate	YES/NO
MR2	Certified Copy of Valid Current KRA Tax Compliance Certificate. Subject to TCC checker	YES/NO
MR3	Copy of PIN certificate from KRA indicating relevant tax obligation(s)	YES/NO
MR4	Certified Copy of current CR 12 for limited companies	YES/NO
MR5	Copy of current Business license where the business is located	YES/NO
MR6	Relevant company operating licenses	YES/NO
MR7	A copy of a Detailed company profile	YES/NO
MR8	Demonstration of the capability to deliver the services, including: • Experience in developing and operating similar field	YES/NO
MR9	Demonstration of the capability to deliver the services, including: References attesting to its activities in the waste sector	YES/NO
MR10	Serialization of all pages of the tender document by the bidder from page one up to the last including attachments/appendixes	YES/NO
MR11	Must submit bank reference letter stating your credit worthiness	YES/NO

MR1

THE REPUBLIC OF KENYA

Company Reg No. **PVT-DLUVKMV**

Application ID. **CR15-AAA0AIA9**

CERTIFICATE OF CHANGE OF NAME

I hereby **CERTIFY,** that-

SPARKLE DRESSES LIMITED

having, with the sancton of the SPECIAL RESOLUTION of the said Company, and with the approval of the REGISTRAR OF COMPANIES, changed its name, and is now called:-

SYSCRAFT LIMITED

and i have entered such new name in the Register accordingly.

Given under my hand at Nairobi this **17 October 2018**

.....

Registrar Of Companies

This is a system generated certificate. To validate this document send the word **BRS** to **21546**

Change of name Certificate

No. **PVT-DLUVKMV**

CERTIFICATE OF INCORPORATION

I hereby **CERTIFY** that,

SPARKLE DRESSES LIMITED

is on this date 26 Jul 2018 incorporated under the Companies Act, 2015 and that the Company is a **PRIVATE LIMITED COMPANY.**

Registrar Of Companies

This is a system generated certificate. To validate this document send the word **BRS** to **21546**

PSECC Ltd Certificate of Incorporation

CERTIFICATE OF INCORPORATION
OF A
PRIVATE LIMITED COMPANY

Company Number **10652586**

The Registrar of Companies for England and Wales, hereby certifies that

PSECC LTD

is this day incorporated under the Companies Act 2006 as a private company, that the company is limited by shares, and the situation of its registered office is in England and Wales.

Given at Companies House, Cardiff, on **4th March 2017**.

The above information was communicated by electronic means and authenticated by the Registrar of Companies under section 1115 of the Companies Act 2006

Companies House

REGISTRAR OF COMPANIES FOR ENGLAND AND WALES
THE OFFICIAL SEAL OF THE REGISTRAR OF COMPANIES

PSECC Ltd Company No. 10652586
39 Woodhay Walk
Havant
Hampshire, PO9 5RD United Kingdom

Certified

MR2

KENYA REVENUE AUTHORITY

Tax Compliance Certificate

For General Tax Questions
Contact KRA Call Centre
Tel: +254 (020) 4999 999
Cell: +254(0711)099 999
Email: callcentre@kra.go.ke

www.kra.go.ke

Taxpayer PIN : P051717801G

Certificate Date: 09/05/2023

Name and Address :

SYSCRAFT LIMITED

PLOT NO 62, PURSHOTTAM PLACE, NAIROBI, Westlands District,
PO Box:779,
Postal Code:00217

Certificate Number:

KRAWON1331360023

**This is to confirm that SYSCRAFT LIMITED,
Personal Identification Number P051717801G
has filed relevant tax returns and
paid taxes due as provided by Law.**

**This Certificate will be valid for
twelve (12) months up to 08/05/2024.**

Caveat: This certificate is issued on the basis of information available with the authority as at the certificate date mentioned above. The Authority reserves the right to withdraw the certificate if new evidence materially alters the tax compliance status of the recipient.

Disclaimer : This certificate is system Generated and therefore does not require signature.You may confirm validity of this certificate on the iTax Portal by using the TCC Checker.This certificate confirms your compliance status for a period of five years preceding the date of issue. The certificate may however be with withdrawn on grounds of outstanding debt affecting periods prior to this.

PSECC Ltd Company No. 10652586
39 Woodhay Walk
Havant
Hampshire, PO9 5RD United Kingdom

Certified

MR3

KENYA REVENUE AUTHORITY

www.kra.go.ke

PIN Certificate

For General Tax Questions
Contact KRA Call Centre
Tel: +254 (020) 4999 999
Cell: +254(0711)099 999
Email: callcentre@kra.go.ke

Certificate Date : 13/11/2018

Personal Identification Number
P051717801G

This is to certify that taxpayer shown herein has been registered with Kenya Revenue Authority

Taxpayer Information

Taxpayer Name	SYSCRAFT LIMITED
Email Address	INFO@SYSCRAFT.CO.KE

Registered Address

L.R. Number : PLOT NO 62	**Building** PURSHOTTAM PLACE
Street/Road JALARAM ROAD	**City/Town :** NAIROBI
County : Nairobi	**District** Westlands District
Tax Area Highridge	**Station** West of Nairobi
P. O. Box 779	**Postal Code** 00217

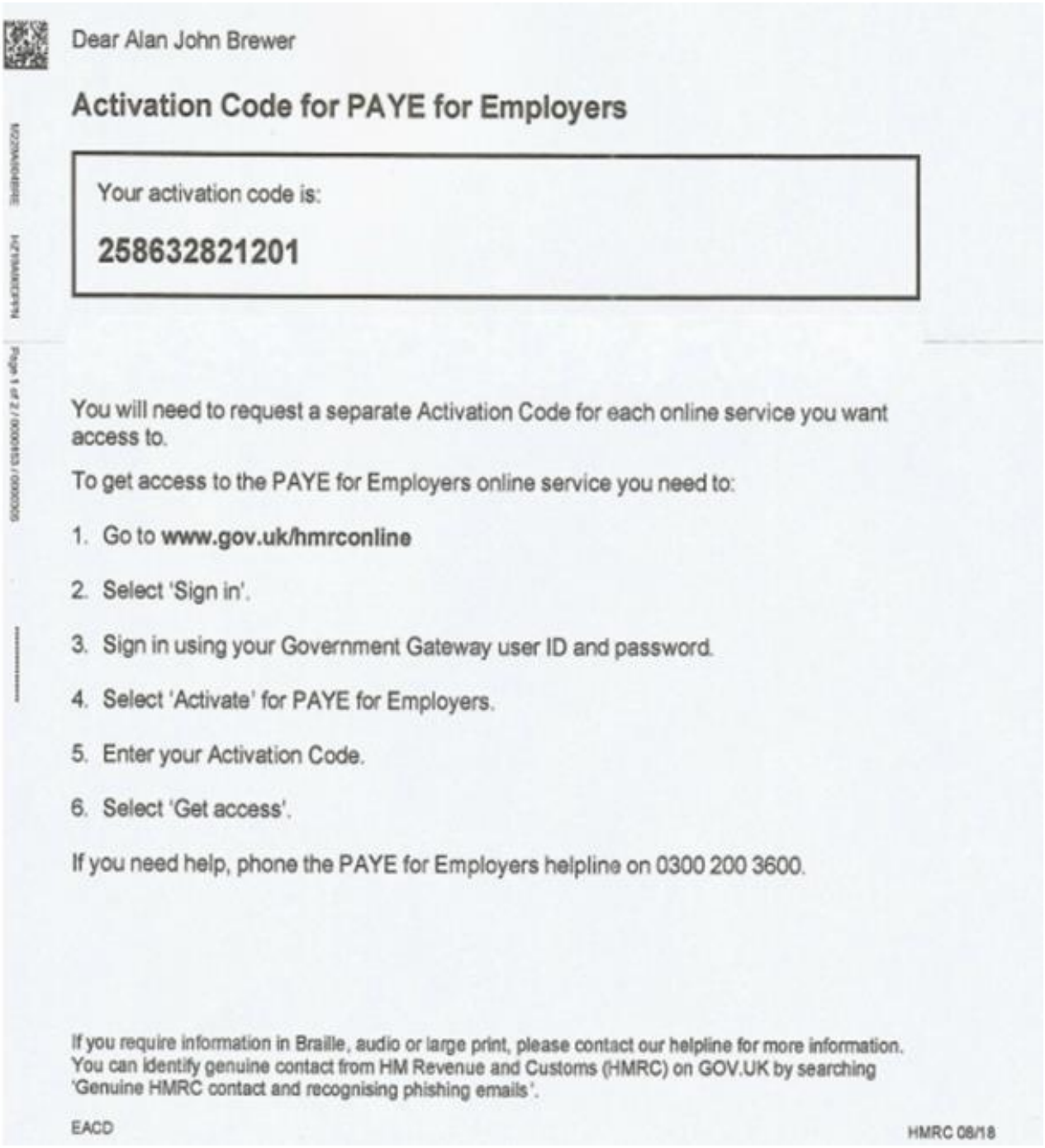
Tax Obligation(s) Registration

Sr. No.	Tax Obligation(s)	Effective From Date	Effective Till	Status
1	Value Added Tax (VAT)	26/07/2018	N.A.	Active
2	Income Tax - Company	26/07/2018	N.A.	Active

The above PIN must appear on all your tax invoices and correspondences with Kenya Revenue Authority. Your accounting end month is December unless a change has been approved by the Commissioner-Domestic Taxes Department. The status of Tax Obligation(s) with 'Dormant' status will automatically change to 'Active' on date mentioned in "Effective Till Date" or any transaction done during the period. This certificate shall remain in force till further updated.

Disclaimer : This is a system generated certificate and does not require signature.

PSECC Ltd Tax Conformation



Dear Alan John Brewer

Activation Code for PAYE for Employers

Your activation code is:

258632821201

You will need to request a separate Activation Code for each online service you want access to.

To get access to the PAYE for Employers online service you need to:

1. Go to **www.gov.uk/hmrconline**
2. Select 'Sign in'.
3. Sign in using your Government Gateway user ID and password.
4. Select 'Activate' for PAYE for Employers.
5. Enter your Activation Code.
6. Select 'Get access'.

If you need help, phone the PAYE for Employers helpline on 0300 200 3600.

If you require information in Braille, audio or large print, please contact our helpline for more information. You can identify genuine contact from HM Revenue and Customs (HMRC) on GOV.UK by searching 'Genuine HMRC contact and recognising phishing emails'.

EACD

HMRC 08/18

Submission status

Submission status:
Submitted
Submission date:
3 October 2019
Submission time:
08:46:09
Acknowledgment reference:
5SHP EEJV J46I FKJ

Taxes you have requested to register

You have requested to register:

- as a limited company for Corporation Tax
- for PAYE as an employer

Director details

Name	National Insurance number
Mr Alan John Brewer	YT145764D

Submission status

In what capacity are you completing this registration?
Director
I declare that the information I have provided in this registration is accurate and complete to the best of my knowledge
Ticked

Certified

NOTARY PUBLIC

I, **Charles Geoffrey Small**, practising from Langstone Gate, Solent Road, Havant, Hampshire, PO9 1TR, England, United Kingdom, **notary public**, duly admitted and sworn, and authorised to practise throughout England and Wales, certify that **Alan John BREWER** of 39 Woodhay Walk, Havant, Hampshire, PO9 5RD appeared before me today and produced his British passport number 523010353 and that the attached document is a true, complete and exact copy of the corresponding pages in that passport.

Signed and sealed at Havant, Hampshire, England this Fourteenth day of October 2016.

Charles Geoffrey Small
Notary Public
England & Wales

Tel: +44 (0)23 9249 2300
Mob: +44 (0)7958 525019

Email: cs@charlessmallnotary.co.uk
Web: www.charlessmallnotary.co.uk

Charles Geoffrey Small
Notary Public - England & Wales

Protocol number 2016/168

MR4

THE REPUBLIC OF KENYA

BUSINESS REGISTRATION SERVICE
P. O. BOX 30031
NAIROBI
24 OCT 2022

To
EGIDIO NDUNGU MBOGO
P.O. Box 7875
01000 - THIKA

THE COMPANIES ACT, 2015

Records relating to the below company held by the Companies Registry as at **24 Oct 2022**

COMPANY	SYSCRAFT LIMITED
COMPANY NUMBER	PVT-DLUVKMV
NOMINAL SHARE CAPITAL	100,000.00
NUMBER AND TYPE OF SHARES (VALUE PER SHARE)	ORDINARY: 1000 (KES 100.00 EACH)
DATE OF REGISTRATION	25TH JUL, 2018
REGISTERED OFFICE	P.O BOX 820 SARIT CENTRE TELEPHONE: +254724469591, EMAIL: EVANS@SYSCRAFT.CO.KE COUNTY: NAIROBI, DISTRICT: WESTLANDS DISTRICT , LOCALITY: WESTLANDS STREET: PROF GEORGE SAITOTI AVENUE/SPORTS ROAD, BUILDING: PROCMURA BUILDING
POSTAL ADDRESS	P.O BOX 820 SARIT CENTRE
ENCUMBRANCES	

Name of Directors and Shareholders of the above company with their particular are as follows

NAME	DESCRIPTION	ADDRESS	NATIONALITY	SHARES
SYMON PETER MEYO	DIRECTOR	P.O BOX 39246 PARKLANDS	KENYA	
DEEPAK NAIR	DIRECTOR/SHAREHOLDER	P.O BOX 779 LIMURU	KENYA	ORDINARY: 490
EVAN NJOROGE MWAI	DIRECTOR/SHAREHOLDER	P.O BOX 779 LIMURU	KENYA	ORDINARY: 510
			TOTAL	1000

Yours Faithfully,
REGISTRAR OF COMPANIES

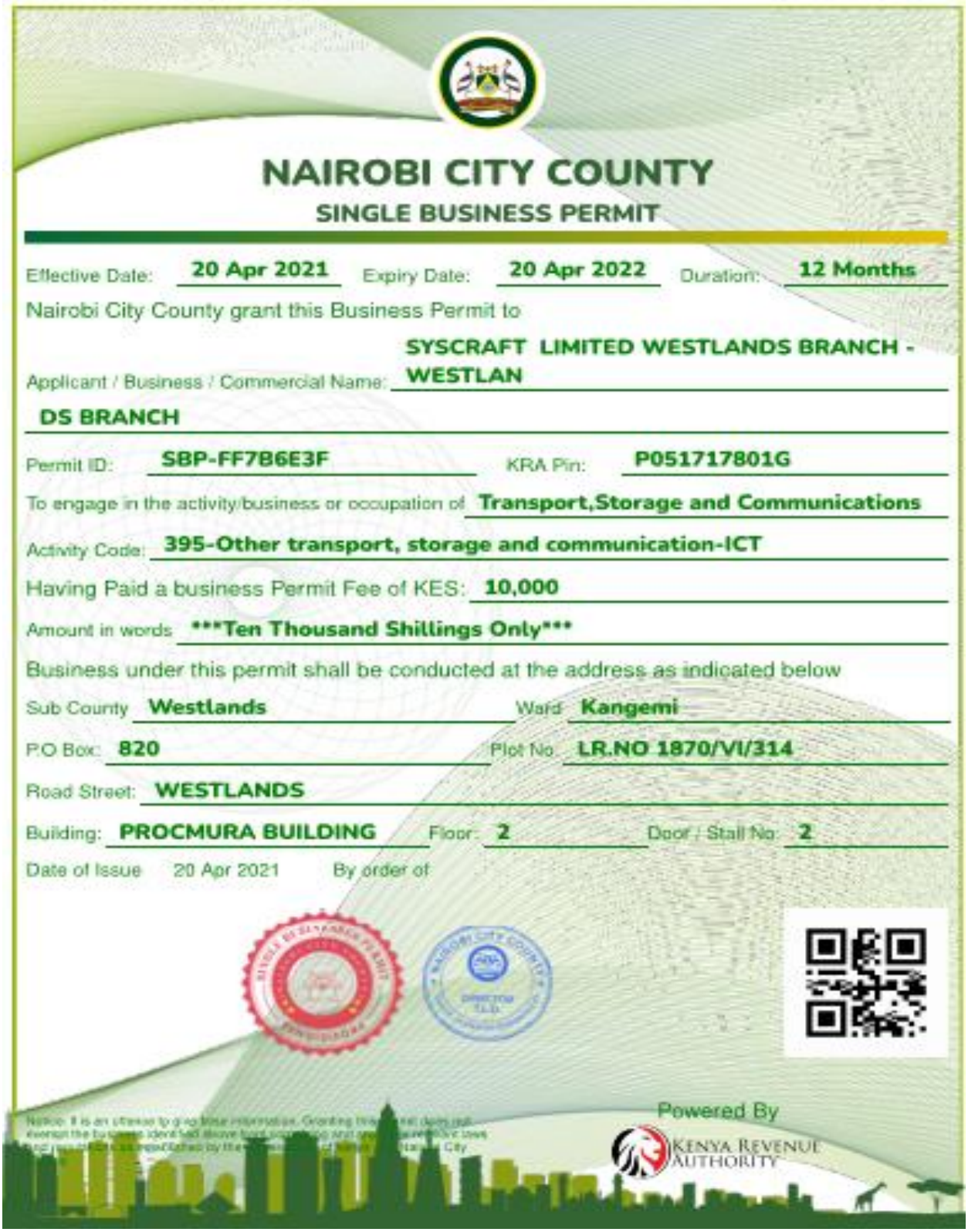
REF NO: OS-52FZRZ28

DISCLAIMER: THIS IS A SYSTEM GENERATED CERTIFICATE AND DOES NOT REQUIRE A SIGNATURE

PSECC Ltd Company No. 10652586
39 Woodhay Walk
Havant
Hampshire, PO9 5RD United Kingdom

Certified

MR 5



NAIROBI CITY COUNTY

SINGLE BUSINESS PERMIT

Effective Date: **20 Apr 2021** Expiry Date: **20 Apr 2022** Duration: **12 Months**

Nairobi City County grant this Business Permit to

Applicant / Business / Commercial Name: **SYSCRAFT LIMITED WESTLANDS BRANCH - WESTLAN DS BRANCH**

Permit ID: **SBP-FF7B6E3F** KRA Pin: **P051717801G**

To engage in the activity/business or occupation of **Transport,Storage and Communications**

Activity Code: **395-Other transport, storage and communication-ICT**

Having Paid a business Permit Fee of KES: **10,000**

Amount in words *****Ten Thousand Shillings Only*****

Business under this permit shall be conducted at the address as indicated below

Sub County **Westlands** Ward **Kangemi**

P.O Box: **820** Plot No **LR.NO 1870/VI/314**

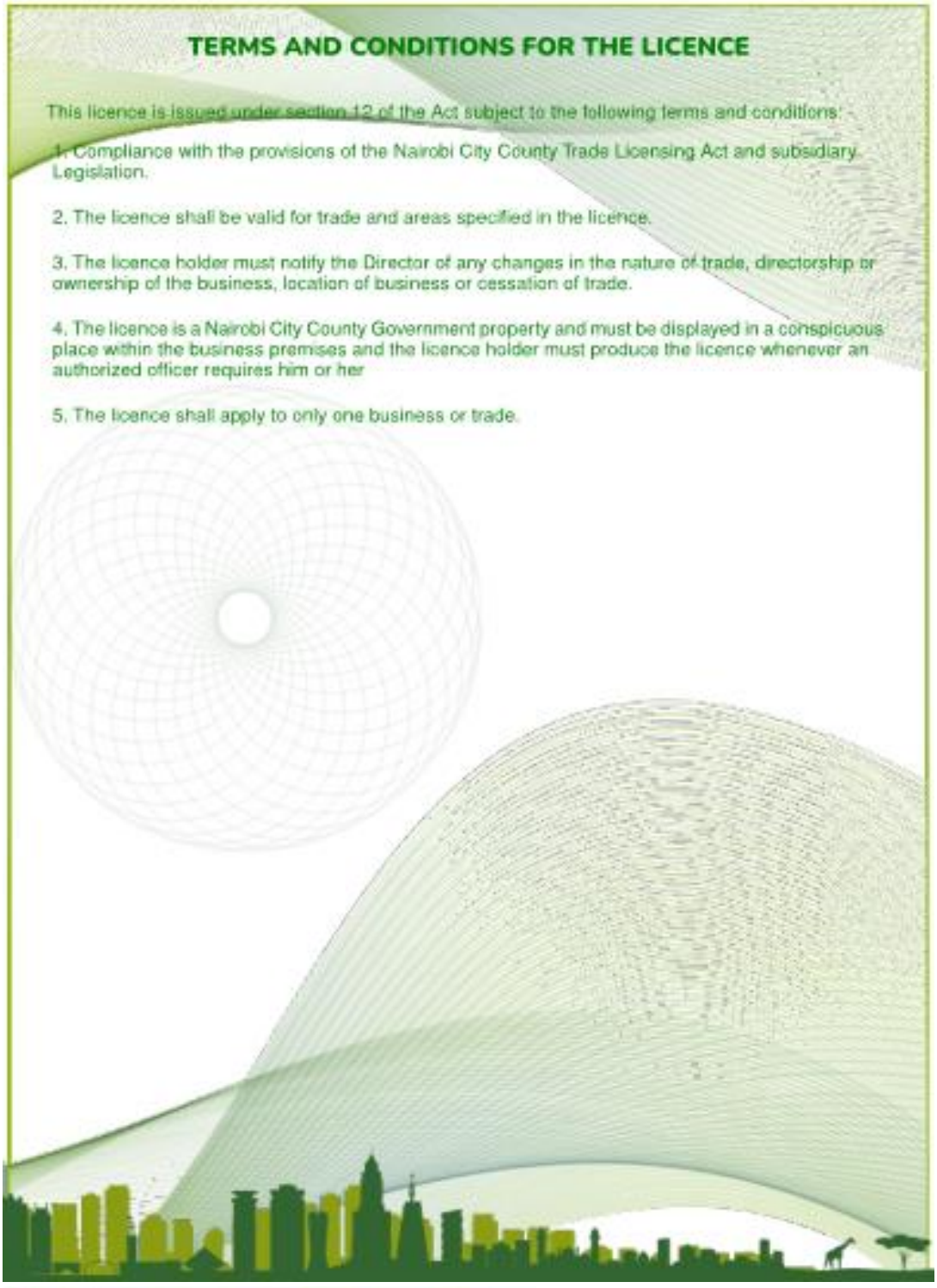
Road Street: **WESTLANDS**

Building: **PROCMURA BUILDING** Floor: **2** Door / Stall No: **2**

Date of Issue 20 Apr 2021 By order of

Powered By

KENYA REVENUE AUTHORITY



TERMS AND CONDITIONS FOR THE LICENCE

This licence is issued under section 12 of the Act subject to the following terms and conditions:

1. Compliance with the provisions of the Nairobi City County Trade Licensing Act and subsidiary Legislation.

2. The licence shall be valid for trade and areas specified in the licence.

3. The licence holder must notify the Director of any changes in the nature of trade, directorship or ownership of the business, location of business or cessation of trade.

4. The licence is a Nairobi City County Government property and must be displayed in a conspicuous place within the business premises and the licence holder must produce the licence whenever an authorized officer requires him or her

5. The licence shall apply to only one business or trade.

PSECC Ltd Company No. 10652586
39 Woodhay Walk
Havant
Hampshire, PO9 5RD United Kingdom

Certified

MR 6

ICT Authority

Certificate of Accreditation

This is to certify that:

SYSCRAFT LIMITED (PVT-DLUVKMV)

Has demonstrated compliance with the Government IT Governance Standard, Criteria for accreditation of Government ICT Suppliers/Contractors and has been accredited under Category ICTA 6: ELECTRONIC RECORDS MANAGEMENT for the provision of ICT services in the scope of accreditation commencing from 25-01-2023 to 25-01-2024

Chairman, Accreditation Committee

Director, Programmes and Standards

Permits of Gasification company

The codes and standards for waste-to-energy plants are relatively well defined, and the Kisumu County plant (s) will be permitted to process municipal waste in the future. Permits provided for the plants will be evaluated and the project team will determine if additional permits or modifications to the requested/applied ones are necessary prior to PPA finalization.

Regulatory Resources for Buildings

- International Code Council – Model Building and Construction Codes and Standards
- National Fire Protection Association – Model Building and Construction Codes and Standards
- International Association of Plumbing and Mechanical Officials – Model Building and Construction Codes and Standards

FORM TECH - 8: SELF-DECLARATION FORMS
FORM SD1
SELF-DECLARATION THAT THE PERSON/TENDERER IS NOT DEBARRED IN THE MATTER OF THE PUBLIC PROCUREMENT AND ASSET DISPOSAL ACT 2015.

I, Deepak Nair, of Post Office Box 820-00606 being a resident of Kenya in the Republic of Kenya do hereby make a statement as follows: -

1. THAT I am the Director of SYSCRAFT LTD who is a Bidder in respect of **Tender No.** KRA/HQS/NCB-057/2020-2021forPROVISION OF CONSULTANCY SERVICES FOR ENTERPRISE CONTENT MANAGEMENT SOLUTION (DOCUMENT MANAGEMENT SOLUTION, RECORDS MANAGEMENT, SCANNING SOLUTION, CORRESPONDENCE MANAGEMENT SOLUTION AND BUSINESS PROCESS MANAGEMENT for KRA and duly authorized and competent to make this statement.

2. THAT the aforesaid Bidder, its Directors and subcontractors have not been debarred from participating in procurement proceeding under Part IV of the Act.

3. THAT what is deponed to here in above is true to the best of my knowledge, information and belief.

……. ……. ……. …….

Deepak Nair
Director
25th May 2021
Bidder Official Stamp

Relevant factory operating licenses.

- **Permits**

The codes and standards for waste-to-energy plants are relatively well defined, and the Nairobi County plant (s) will be permitted to process municipal waste in the future. Permits provided for the plants will be evaluated and the project team will determine if additional permits or modifications to the requested/applied ones are necessary prior to PPA finalization.

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- International Code Council – Model Building and Construction Codes and Standards
- National Fire Protection Association – Model Building and Construction Codes and Standards
- International Association of Plumbing and Mechanical Officials – Model Building and Construction Codes and Standards

	Permit type	Activity#	Complete Date	Issuance Date	Summary of Action
F-14-033	Renewal	APE20140002	6/25/2014	11/10/2014	Renewal and administrative amendment

SECTION A - PERMIT AUTHORIZATION of INEZ Gasification Plant

Pursuant to a duly submitted application the Kentucky Division for Air Quality (Division) hereby authorizes the operation of the equipment described herein in accordance with the terms and conditions of this permit. This permit has been issued under the provisions of Kentucky Revised Statutes (KRS) Chapter 224 and regulations promulgated pursuant thereto.

The permittee shall not construct, reconstruct, or modify any affected facilities without first submitting a complete application and receiving a permit for the planned activity from the permitting authority, except as provided in this permit or in 401 KAR 52:030, Federally-enforceable permits for non-major sources.

Issuance of this permit does not relieve the permittee from the responsibility of obtaining any other permits, licenses, or approvals required by the Kentucky Energy and Environment Cabinet (Cabinet) or any other federal, state, or local agency.

NSSF
Growing You. For Good

Serial No.271

REF: WTL/COMP/CERT/21547289/1412471/08

Date of Issue:19th November, 2020.

COMPLIANCE CERTIFICATE

This is to certify that: **SYSCRAFT LIMITED**

EMPLOYER NO. 21547289
OF P.O. BOX 779- 00217, NAIROBI

Has complied with the provisions of the National Social Security Fund Act, 2013 and it is hereby confirmed that since registration in **September 2018,** their contributions to NSSF are satisfactory and up to date.

This certificate is issued based on information availed to the Fund at the time of inspection. It does not preclude or prevent the Fund from inspecting the same or previous records or demand payment of skipped or understated contributions or any other outstanding dues to the Fund.

This certificate is issued on behalf of the Managing Trustee, without any erasure and is valid for **SIX (6)** months from the date of issue.

CAROLINE DONDE **SIGNATURE**.....
ZONAL COMPLIANCE OFFICER **DATE:** 19/11/2020

FRED KAPLAIGIYA **SIGNATURE** .....
BRANCH MANAGER **DATE:** 19/11/2020

BRANCH MANAGER WESTLANDS

National Social Security Fund, Westlands Branch
Rainbow Tower, Ground Floor, Muthithi Road
P.O. Box 66575 - 00800 Nairobi. TEL: 0737 409 416 / 020 2079999
E: returns.wst@nssfkenya.co.ke W: www.nssf.or.ke
ISO 9001: 2015 Certified

PSECC Ltd Company No. 10652586
39 Woodhay Walk
Havant
Hampshire, PO9 5RD United Kingdom

Certified

MR 7

SySCraft
INFINITE POSSIBILITIES

SYSCRAFT COMPANY PROFILE

ABOUT SYSCRAFT LIMITED

SySCraft
INFINITE POSSIBILITIES

- Syscraft is an IT service company registered in Kenya. The organization was established with an objective to assist businesses to optimize the way they are using IT solutions and services.
- Solutions & Services:
  - We provide solutions and services to businesses in the areas of:
    - Digital Business Automation–
      - Fintech Digital Solutions
      - Enterprise Document Management Solution
      - Workflows
    - Customer Experience Solution –
      - Contact center Solution
      - Queue Management Solution
    - Infrastructure Services
      - Servers, Desktops, Powers, Networking Devices etc

- Team:
  - We are supported by a team of experienced and qualified IT, business and management professionals to deliver enterprise-wide solutions.
- Partners:
  - We are supported by Global OEMS like IBM, Lenovo, Newgen, Infrasoft, Hodusoft, Odoo etc

Renewable Energy and Waste Management System

Syscraft Limited are driving Sustainable Waste Management and Climate Change Mitigation in Kenya with International partners Alset Power Company Inc from the USA and PSECC Ltd in the UK www.psecc.co.uk. Syscraft Limited have brought in the special Gasification & 100% Recycling technology plants and funding from Alset Power Company Inc.

Renewable Energy projects were started in Kenya by PSECC Ltd in 2012 commencing with Solar PV home lighting systems and solar farm development at Konza. Syscraft Limited are also developing Environmental Management System (EMS) software to be used in each waste plant to monitor Emissions, Energy & Waste tonnage.

Syscraft are the developer for the Kisumu waste project and have input into the website www.wtekisumu.com to assist decision making by the Kisumu County Government and have coordinated all Kisumu Government meetings to drive the waste project forward.

SOLUTIONS AND SERVICES

SySCraft
INFINITE POSSIBILITIES

- Solution that fosters innovation within your organizations
- Easy to use and accessible anytime, anywhere
- Services to compliment your digital transformation journey
- Managing enterprise wide content, processes, security and customer services

Packaged Applications

- IBPS
- Omni-docs
- Kiya.ai Digital Solutions
- HoduCC
- HoduPBX
- HoduConf
- Odoo

BRIEF MANAGEMENT PROFILE

SySCraft
INFINITE POSSIBILITIES

- **Director: Symon Peter Meyo**

Symon Peter is the Chief Executive Officer - CEO, overseeing overall running of the company. Key roles include overall company market and business development, Company Resource Management, Higher level Customer Corporate reach and contact for business solicitation..

He holds a Bsc Computing Science and Economics from Muskingum University College, New Corcord, Ohio USA. He has served in the East African IT Industry for 35 years holding senior positions in both Technical and Sales and Marketing. Prior to joining Syscraft, Symon was the General Manager – Technical Services at Symphony Technologies, responsible for services throughout East Africa – covering Kenya, Rwanda, Burundi, Uganda, Tanzania and Ethiopia. He is an IBM Enterprise Servers and Storage Sales and Marketing Specialist and have wide ranging IT solutions understanding and applicability.

- **Director: Navin Ganatra**

Navin is an accomplished software executive with over 25 years experience in the software industry. As the Director of Syscraft, Navin is responsible for running all facets of the business. Navin has a proven executive management track record of driving sales growth in the technology industry. Prior to joining Syscraft, Navin was Chief Executive Officer of Symphony Technologies Ltd (East Africa), responsible for all sales and marketing activities. Throughout his career he has assisted customers in digital transformation journey with products from IBM, Newgen, Cisco etc. in Kenya and Rwanda.

BRIEF MANAGEMENT PROFILE

- **Director - Technical: Evans Njoroge**

Evans is the Technical Director, overseeing technical solutions delivery and support to the marketing and Sales department. He holds an advanced Diploma in Computer and technology management from the institute of advanced technology(IAT) Kenya. He is an IBM and Newgen Certified Specialist, with a clear understanding of the most common hardware and software technologies in business and understanding of the skills required to support complex IT infrastructures. Evans has 12 years experience in IT systems, risks, security and IT project management among other IT competences.

- **Director – Business : Deepak Nair**

A seasoned international sales professional with experience of more than a decade in building relationship with customers and partners. He is responsible for bringing partners on board and devising sales and marketing strategy to introduce in the market. He has extensively worked in East Africa and well understands the software requirements and changing trends in the industry.

SYSCRAFT CUSTOMERS

SYSCRAFT BUSINESS PARTNERS

SysCraft
INFINITE POSSIBILITIES

[In2 IT Technologies]

HoduSoft
Redefine Communication

NEWGEN

InfrasoftTech
Fintech Digital Solutions

FOUR CORNERS
Transform Ltd

IBM

Lenovo

FUJITSU

SysCraft Limited
Procmura Centre, Sports Road, Westlands
PO BOX 779 -00217
Nairobi, Kenya

- +254 724469591
  +254 723825187
  info@syscraft.co.ke
  sales@syscraft.co.ke
- www.syscraft.co.ke

SySCraft

DECLARATION AND COMMITMENT TO THE CODE OF ETHICS

I **Deepak Nair** (person) on behalf of **SYSCRAFT LTD** declare that I have read and fully understood the contents of the Public Procurement & Asset Disposal Act,2015, Regulations and the Code of Ethics for persons participating in Public Procurement and Asset Disposal Activities in Kenya and my responsibilities under the Code.

I do here by commit to abide by the provisions of the Code of Ethics for persons participating in Public Procurement and Asset Disposal.

Name of Authorized signatory **Deepak Nair**

Sign.....

Position **Director**

Office address P.O. Box 820-00606 Nairobi Telephone +**254 707584119**
E-mail: **deepak@syscraft.co.ke**

Name of the Firm/Company: **SYSCRAFT LTD**

Date: **25th May, 2021**

(Company Seal/ Rubber Stamp where applicable)

Witness

Name: **Evan Njoroge**

Sign.....

Date: **25th May, 2021**

Afya Yetu. Bima Yetu

No: X0875069
Date: 19/11/2020

Certificate of Compliance

THIS IS TO CERTIFY THAT
SYSCRAFT LIMITED

OF CODE **452989** IS COMPLIANT IN RESPECT TO PROVISIONS OF THE NHIF ACT No.9 OF 1998
FOR THE PERIOD UP TO AND INCLUDING **28/02/2021** .

THIS CERTIFICATE HAS BEEN ISSUED BASED ON THE AVAILABLE INFORMATION AT THE TIME OF ISSUE AND NHIF RESERVES THE RIGHT TO WITHDRAW THE CERTIFICATE IF NEW EVIDENCE ALTERS THE COMPLIANCE STATUS.

DISCLAIMER: THIS CERTIFICATE IS SYSTEM GENERATED AND DOES NOT REQUIRE A SIGNATURE.

To confirm the authenticity of this certificate, you can use NHIF's sms enquiry service by texting the following to 21101: CC X0875069

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Havant
Hampshire, PO9 5RD United Kingdom

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MR 8

Sarralle Example of Plants

ENERGY – URBAN WASTE TO ENERGY

sarralle
Environment & Energy

KOBELCO ECO SOLUTIONS

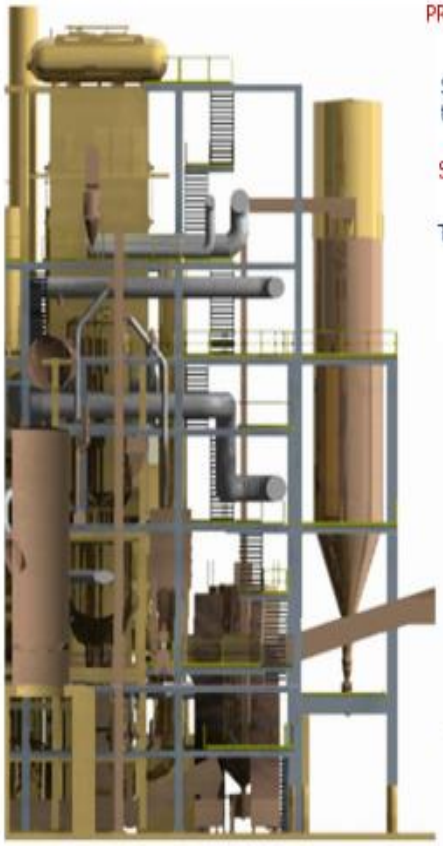
PRE-ENGINEERING FOR GASIFICATION NORTHACRE PROJECT - UK

KOBELCO ECO-SOLUTIONS CO.,LTD.

PROJECT DATA

CLIENT: **KOBELCO**

PROJECT DATE: **2018 – 2019**



PROJECT DESCRIPTION

SARRALLE Environment & Energy was contracted by KOBELCO for engineering of the plant that will be located at Northacre in UK.

SARRALLE Environment & Energy – SCOPE

The project scope includes:

- ✓ Design, manufacturing, supply and assistance during the start-up of the GASIFICATION Furnaces for the two lines of the plant.
- ✓ Design, manufacturing, supply and assistance during the start-up of the RAW material handling system
- ✓ Design, manufacturing, supply and assistance during the start-up of the gasification equipment building and peripherals

ENERGY – URBAN WASTE TO ENERGY

sarralle Environment & Energy

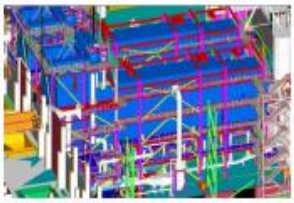
Steinmüller Babcock Environment

PROJECT

ENGINEERING SERVICES – TIME SCHEDULER & COST CONTROLLER FOR THE EXECUTION OF ENVIRONMENTAL COMPLEX OF GIPUZKOA PHASE I IN ZUBIETA (DONOSTIA)

PROJECT DETAILS:

CLIENT: **STEINMÜLLER BABCOCK ENVIRONMENT Gmbh** DATE: **Mach 2018 – December 2018**



The company STEINMÜLLER BABCOCK ENVIRONMENT Gmbh, has got the contract to provide the valorization furnaces technology furnaces at the enviromental complex of Gipuzkoa Phase I in Zubieta (Donostia) awarded to its consortium with URBASER, Moyua, Altuna y Uria, Murias y LKS.

SARRALLE will be in charge of:

- ✓ Coordination of general layout 3D model from the consortium members.
  - ✓ Boiler house.
  - ✓ Flue gas cleaning system.
  - ✓ Turbine.
  - ✓ Air cooled condenser.
  - ✓ Demineralised water plant.
  - ✓ Water steam cycle.
  - ✓ Biomechanical treatment.
  - ✓ Infrastructure (as pipe bridges and cable trays).
  - ✓ Civil / civil infrastructure
- ✓ Time Management Plan.
  - ✓ Baseline for project monitoring, control and reporting
  - ✓ Progress measurement system procedure
  - ✓ Monitoring, forecasting and project execution tools
  - ✓ Critical path method implementation
  - ✓ Monitoring S-curves and KPI´s on regular basis
  - ✓ Implementation of critical path method

ENERGY – URBAN WASTE TO ENERGY

sarralle Environment & Energy

ROS ROCA – HITACHI ZOSEN INOVA

ROS ROCA envirotec

Hitachi Zosen INOVA

TERSA INCINERATION PLANT REVAMPING, SANT ADRIA DE BESOS (España)

PROJECT DETAILS

CLIENT: **ROS ROCA**

PROJECT DATE: **January 2012 – October 2014**

PROJECT DESCRIPTION

The Plant is located in San Adria de Besos (Barcelona, Spain) and working since 1975, operated by TERSA since 1982

Total capacity of the plant is 330,000 tpy of waste and electrical production of 155,000MW-h, yearly consumption of around 50,000 households

The scope of the project was the design, fabrication and erection for the revamping of the 3 incineration lines of the WtE plant:

- Feed hopper modification
- Grate modification and reinforcement of the furnace structure
- Primary and secondary combustion air supply system
- Slags and ashes collection system
- Supports and structures

SARRALLE Environment & Energy -SCOPE

The project scope includes:

- ✓ Detail Engineering.
- ✓ Fabrication.
- ✓ Removal of existing equipments and structures.
- ✓ Erection and commissioning of new equipment, including Project Management

ENERGY – URBAN WASTE TO ENERGY

sarralle
Environment & Energy

HITACHI ZOSEN INOVA

Hitachi Zosen INOVA

PRIMARY AND SECONDARY COMBUSTION AIR SUPPLY SYSTEM FOR NEW INCINERATION PLANT IN VANTAA (Finland)

PROJECT DETAILS

CLIENT: **HITACHI ZOSEN INOVA**

PROJECT DATE: **November 2012 – July 2013**

PROJECT DESCRIPTION

This new plant was developed by VANTAA ENERGY.

Total capacity of the plant is 320,000 tpy of waste and power capacity of 78Mwe, and 120Mw for the District Heating with a total efficiency of 95%

A mix waste separator system feeds the plant.

The scope of SARRALLE Environment & Energy was the design, fabrication and erection of the primary and secondary combustion air supply system to the incinerator chamber

SARRALLE Environment & Energy SCOPE

The project scope includes:

- ✓ Detailed engineering of the piping, pipe racks, interconections, injection system, fans,....
- ✓ Fabrication.
- ✓ Erection, testing and commissioning, including Project Management

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Hampshire, PO9 5RD United Kingdom

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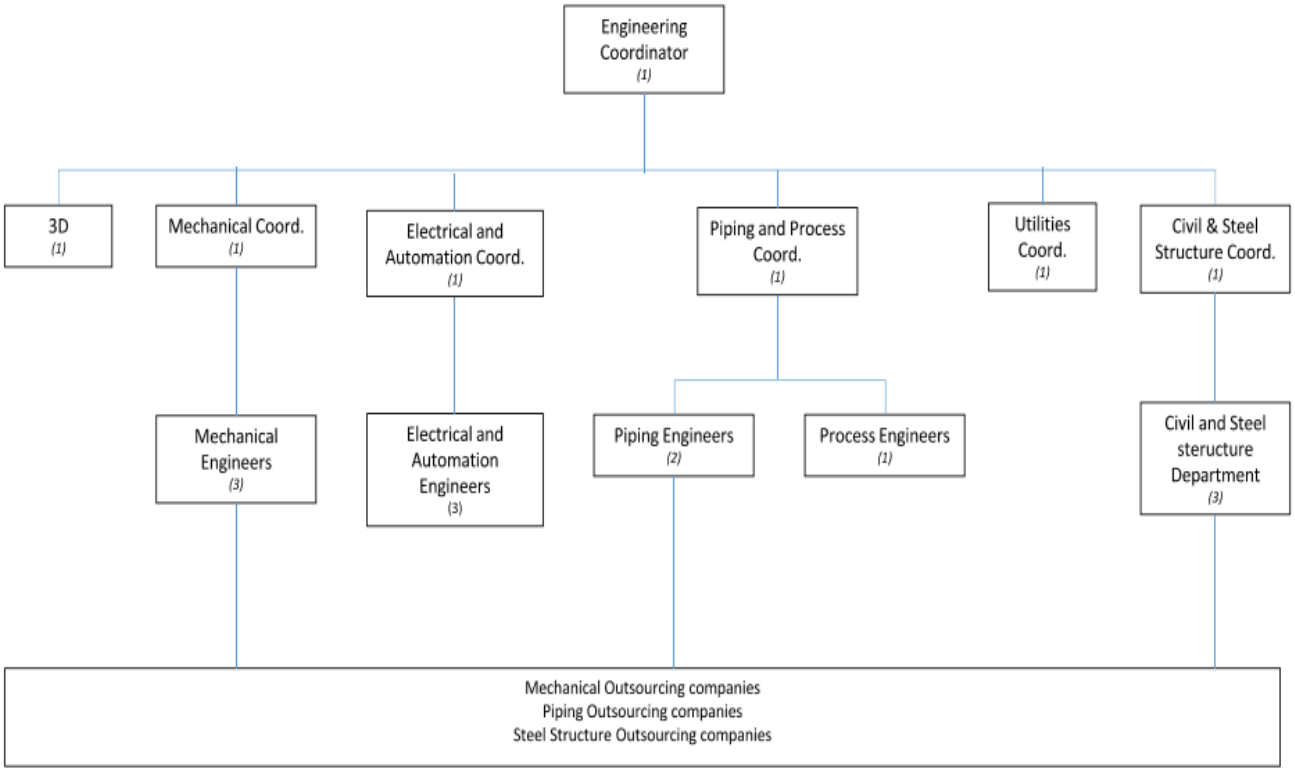
Engineering Coordinator (1)
3D (1)
Mechanical Coord. (1)
Electrical and Automation Coord. (1)
Piping and Process Coord. (1)
Utilities Coord. (1)
Civil & Steel Structure Coord. (1)
Mechanical Engineers (3)
Electrical and Automation Engineers (3)
Piping Engineers (2)
Process Engineers (1)
Civil and Steel steructure Department (3)
Mechanical Outsourcing companies
Piping Outsourcing companies
Steel Structure Outsourcing companies

www.siemens-energy.com/global/en/offerings/power-generation.html

One of our other EPC companies if required

Sustainable power generation

Using energy resources efficiently for sustainable power generation – Recycling & Waste-to-Energy

We have built over 1,500 power plants globally. Urbanization, scarce resources, and climate change: Wherever we look, global challenges are spurring an increasing demand for efficient and emission-neutral power generation, and energy from renewable sources is becoming more and more important. *That's why energy systems are already* undergoing a rapid transformation – and adapting to the high shares of renewables that will be essential for future energy systems.

Individual power plants that create value

As energy consumption will continue to increase in the years to come, efficient power generation will be a vital component to reliable, eco-friendly energy systems. Fluctuations are more frequently and at shorter intervals. Energy markets around the world are demanding more and more from their participants – whether that be responding flexibly to fluctuations, observing increasingly stringent emission limits, supplying power at lower and lower costs, or ensuring supply under adverse conditions.

Anyone looking to stay ahead of the game needs more than an "off-the-shelf" power plant. You need an individual power plant solution aligned with your objectives? Whether it's a small, integrated system or a heavy-duty power plant, a purely gas-fired simple cycle or a combined cycle power plant, we'll collaborate closely with you to find and construct a solution optimized specifically for you.

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Example of our plants

Heavy-duty power plant solutions

Industrial power plant solutions

Combined heat and power plants

Hydrogen Power Plants

Power plant components

SIESTART™ hybrid solutions

Heat Transfer Technology (HTT)

Benson® technology

Small hydro power

Steam power plants

Steam turbines in CCPPs

DCS for new power plants

SeaFloat power plants

Brownfield Transformation

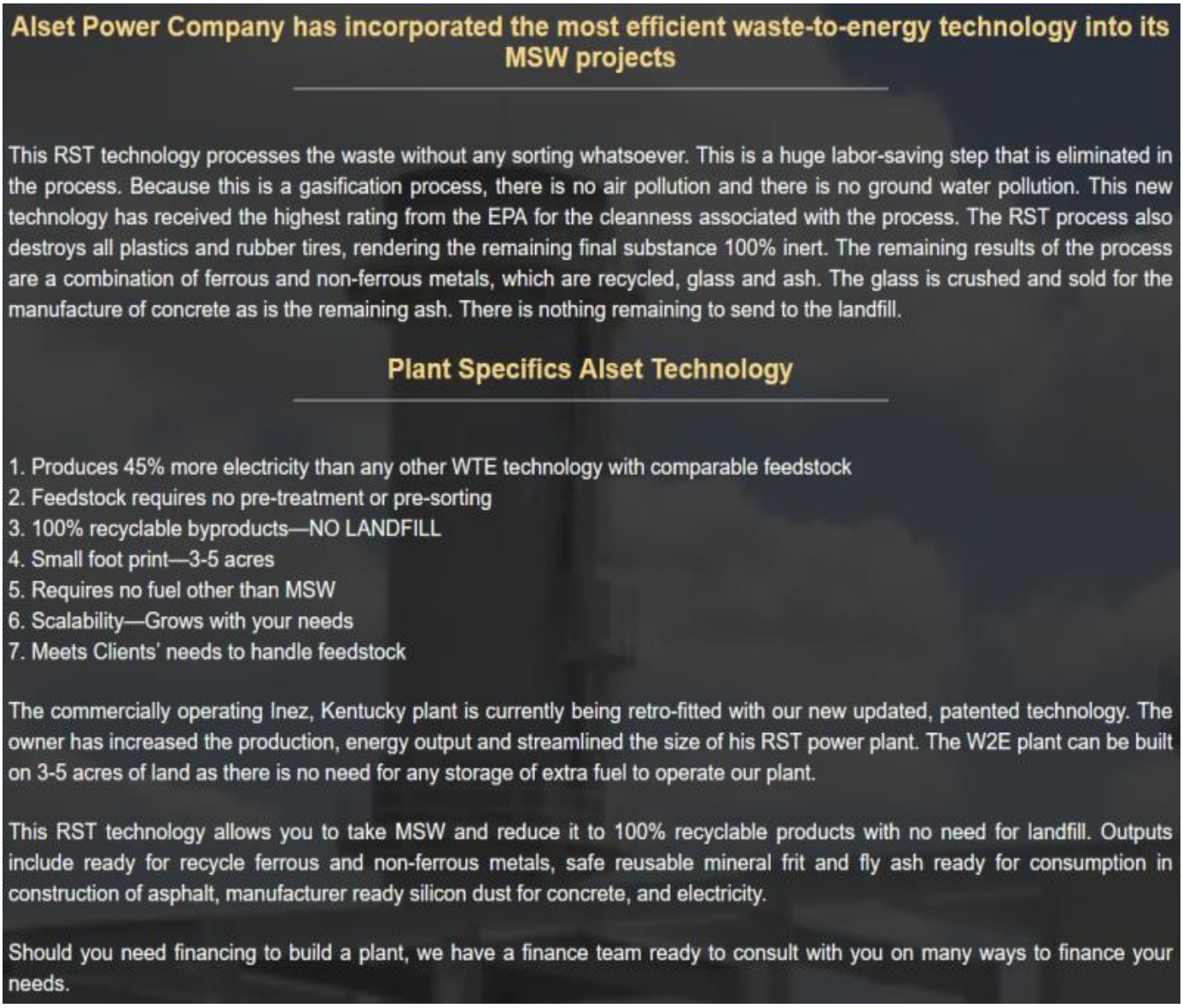
Heat ReCyle Solutions

Hybrid power solutions

Electrical solutions

Alset Power Company Inc. Another company providing Gasification

WWW.alsetpower.com PASWORD alsettesla2021



The project discussed herein (the Projects) will provide positive benefits to both issues mentioned above: emissions from power generation and management of MSW. Gasification Waste-to-Energy technology produces electricity from MSW while capturing 95% of harmful emissions, substantially reducing dioxins and furans. These plants can serve as major processing centres of MSW, alleviating some of the pressure on landfills. Municipalities and counties depend on an ability to dispose of wastes to maintain sanitation, safety, and environmental stewardship.

The key principles of a sustainable enterprise and system include:

- Using technologies that are close to the feasible maximums in terms of efficiency.
- Having systems and processes that produce outcomes with the highest level of quality, efficiency, reliability, safety, longevity, durability, maintainability, serviceability, and disposability.
- Ensuring that safety and human health are primary considerations during designing and operating facilities, plants, and processes.
- Ensuring that the impacts of the technologies, processes, and operations do not adversely affect the quality of life in the local and regional communities or the natural environment.
- Communicating with stakeholders to provide the full information about the processes and outcomes.
- Applying resources in a manner that minimizes the potential for environmental degradation, depletion, disruption, and destruction.
- Using resources in the most effective and efficient means possible given their availability and costs, the processes, and best practices.
- Using non-toxic and safe materials and ensuring that all processes are environmentally friendly.

Project Management & Partial Construction Reference List
Gas Turbine & Combined Cycle Plants

PROJECTS

Partial Construction Project Management Reference List Gas Turbine & Combined Cycle Plants

Gemma Power Systems, Monroe, GA
Installation of Westinghouse, 501F Gas Turbine

Aalborg Industries, Inc., Erie, PA
Install 4 Heat Recovery Steam Generators

PG&E National Energy Group, Napoleon, OH
50 MW Power Plant-Peaking Facility, 2-GE Frame 5

PG&E National Energy Group, Bowling Green, OH
50 MW Power Plant – Peaking Facility, 2 – GE Frame 5

City of Calhoun, Calhoun, GA
22 MW Power Plant – Peaking Facility, 1 – LM 2500

City of New Smyrna Beach, New Smyrna Beach, FL
50 MW Power Plant – Peaking Facility, 2 – Frame 5

SW Energy/Sweeny, Old Ocean, TX
335 MW Cogeneration Plant, 3 – 501D5A

Papeles Venezolanos, Venezuela
30 MW Combined Cycle Power Plant, 1-GE Frame 5

Saranac Energy Company, Inc., Plattsburg, NY
240 MW Combined Cycle Cogeneration Plant, 2-7EA w / ACC

CSW Energy/ARK Energy, Bartow, FL
103 MW Combined Cycle Cogeneration Plant, 2-LM 6000 w / 25 MW STG

E84104, Eastern Illinois University, Charleston, IL
Fuel: Coal fired chain grate boiler

Vineland Cogeneration, Vineland, NJ
46 W Combined Cycle Cogeneration Plant, 1 – LM 6000 w / 12 MW STG

E86138 Kent State University, Kent, OH
Fuel: Coal fired chain grate B&W boiler

E86070 Union Carbide Corp., Charleston, WV
Fuel: coal fired chain grate boiler #4

E87032 Montgomery County Incinerator Plant, Dayton, OH
Fuel: Trash incinerator chain grate CE boiler

E86152 Innovest IBAE, Kuala Lumpur, Malaysia
Fuel: Heavy oil (3-6% S) oil fired IBAE boiler

E94124 Taroko Textile Corp Ltd, Taipei, Taiwan
Fuel: Heavy oil (6% S) fired Chin boiler

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E94115 Taroko Textile Corp Ltd., Taipei, Taiwan
Fuel: Heavy oil (6% S) fired Chin boiler

E9714 Ajinomoto Vietnam Co Ltd, Dong Nai Province Vietnam
Fuel: Heavy oil (6% S) fired (4) Danstoker boilers

E94122 Long Chen Paper Co Ltd, Chang Hua Hsien, Taiwan
Fuel: Heavy oil (6% S) fired Chin boiler

Installation of Westinghouse
501-F Gas Turbine

E20038 Nestle Foods (M) Sdn Bhd , Shah Alam, Malaysia
Fuel: Heavy oil (6% S)

E84104, Eastern Illinois University, Charleston, IL
Fuel: Coal fired chain grate boiler

- Aalborg Industries, Inc., Erie, PA
  - Install 4 Heat Recovery Steam Generators
- Gemma Power Systems, Monroe, GA
  - Installation of Westinghouse, 501-F Gas Turbine
- PG&E National Energy Group, Bowling Green, OH
  - 50 MW Power Plant – Peaking Facility, 2 – GE Frame 5
- PG&E National Energy Group, Napoleon, OH
  - 50 MW Power Plant – Peaking Facility, 2 – GE Frame 5
- City of New Smyrna Beach, New Smyrna Beach, FL
  - 50 MW Power Plant – Peaking Facility, 2 – Frame 5
- City of Calhoun, Calhoun, GA
  - 22 MW Power Plant – Peaking Facility, 1 – LM 2500
- Papeles Venezolanos, Venezuela
  - 30 MW Combined Cycle Power Plant, 1 – GE Frame 5

- SW Energy/Sweeny, Old Ocean, TX
  - 335 MW Cogeneration Plant, 3 – 501D5A
- CSW Energy/ARK Energy, Bartow, FL
  - 103 MW Combined Cycle Cogeneration Plant, 2 – LM 6000 w / 25 MW STG

- Saranac Energy Company, Inc., Plattsburg, NY
  - 240 MW Combined Cycle Cogeneration Plant, 2 – 7EA w / ACC
- Vineland Cogeneration, Vineland, NJ
  - 46 W Combined Cycle Cogeneration Plant, 1 – LM 6000 w / 12 MW STG
- E84104, Eastern Illinois University, Charleston, IL
  - Fuel: Coal fired chain grate boiler
- E86070 Union Carbide Corp., Charleston, WV
  - Fuel: coal fired chain grate boiler #4
- E86138 Kent State University, Kent, OH
  - Fuel: Coal fired chain grate B&W boiler
- E86152 Innovest IBAE, Kuala Lumpur, Malaysia
  - Fuel: Heavy oil (3-6% S) oil fired IBAE boiler
- E87032 Montgomery County Incinerator Plant, Dayton, OH
  - Fuel: Trash incinerator chain grate CE boiler
- E94115 Taroko Textile Corp Ltd., Taipei, Taiwan
  - Fuel: Heavy oil (6% S) fired Chin boiler
- E94124 Taroko Textile Corp Ltd, Taipei, Taiwan
  - Fuel: Heavy oil (6% S) fired Chin boiler
- E94122 Long Chen Paper Co Ltd, Chang Hua Hsien, Taiwan
  - Fuel: Heavy oil (6% S) fired Chin boiler
- E9714 Ajinomoto Vietnam Co Ltd, Dong Nai Province Vietnam
  - Fuel: Heavy oil (6% S) fired (4) Danstoker boilers
- E20038 Nestle Foods (M) Sdn Bhd, Shah Alam, Malaysia
  - Fuel: Heavy oil (6% S)
- Installation of Westinghouse
  - 501-F Gas Turbine
- E84104, Eastern Illinois University, Charleston, IL
  - Fuel: Coal fired chain grate boiler

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Serialization of all pages completed OK page 1 to page 139.

Certified

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Bank Credit letter

Certified

SYSCRAFT LIMITED

ANNUAL FINANCIAL STATEMENTS

FOR THE YEAR ENDED

31 DECEMBER 2021

SYSCRAFT LIMITED
ANNUAL FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021

CONTENTS

Appendix

SYSCRAFT LIMITED
ANNUAL FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021

CORPORATE INFORMATION

BOARD OF DIRECTORS	Mr Evan N. Mwai Mr Deepak Nair
REGISTERED OFFICE	L.R. No. 1870/VI/314 Procumura Centre, 3rd Floor 20 Sports Road, Westlands P.O Box 820 - 00606, Sarit Centre Nairobi
INDEPENDENT AUDITOR	Kirenge & Associates Certified Public Accountants (K) Royal Office Mogotio Road, Westlands P. O. Box 6578 - 00200 Nairobi
PRINCIPAL BANKER	I & M Bank Limited Westland Branch P.O. Box 30238 – 00100 Nairobi.

SYSCRAFT LIMITED
REPORT OF THE DIRECTORS

The directors submit their report together with the audited financial statements for the year ended 31 December 2021, which disclose the state of affairs of the company.

1 **INCORPORATION**
The company is domiciled and incorporated in Kenya under the Kenyan Companies Act, 2015. The address of the registered office is set out on page 2.

2 **PRINCIPAL ACTIVITY**
The company trades in computer hardware, accessories and custom built software and solutions.

3 **RESULTS AND DIVIDENDS**
The loss attributable to shareholders for the year is Kshs 2,249,100 (2020: Profit Kshs 3,865,357) has been transferred to revenue reserves. During the year, the directors do not recommend payment of a dividend.

4 **DIRECTORS**
The directors who served during the year are as shown on page 2.

5 **DISCLOSURE TO AUDITORS**
The Directors confirm that with respect to each director at the time of approval of this report:

(a) There is, as far as each directors is aware, no relevant audit information of which the directors auditor is unaware; and

(b) Each director had taken all steps that ought to have been taken as a director so as to be aware of any relevant audit information and to establish that the Directors auditor is aware of that information.

TERMS OF APPOINTMENT OF AUDITORS
Kirenge & Associates, Certified Public Accounts (K), continue in office in accordance with section 719(2) of the Kenyan Companies Act, 2015.

The directors monitor the effectiveness, objectivity and independence of the auditor. This responsibility includes the approval of the audit engagement contract and the associated fees.

BY ORDER OF THE BOARD

.....2022
DIRECTOR

SYSCRAFT LIMITED

STATEMENT OF DIRECTORS' RESPONSIBILITIES

The Kenyan Companies Act 2015 requires the Directors to prepare financial statements for each financial year that give a true and fair view of the financial position of the company as at the end of the financial year and of its profit or loss for that year. It also requires the Directors to ensure that the company maintains proper accounting records that are sufficient to show and explain the transactions of the company and disclose, with reasonable accuracy, the financial position of the company. The Directors are also responsible for safeguarding the assets of the company, and for taking reasonable steps for the prevention and detection of fraud and error.

The Directors accept responsibility for the preparation and presentation of these financial statements in accordance with the International Financial Reporting Standards for Small and Medium-Sized Entities (IFRS for SME's) and in the manner required by the Kenyan Companies Act 2015. They also accept responsibility for:

(i) Designing, implementing and maintaining such internal control as they determine necessary to enable the presentation of financial statements that are free from material misstatement, whether due to fraud or error;
(ii) Selecting suitable accounting policies and applying them consistently; and
(iii) Making accounting estimates and judgements that are reasonable in the circumstances.

Having made an assessment of the company's ability to continue as a going concern, the Directors are not aware of any material uncertainties related to events or conditions that may cast doubt upon the company's ability to continue as a going concern.

The Directors acknowledge that the independent audit of the financial statements does not relieve them of their responsibilities.

Approved by the board of directors on 3rd June 2022 and signed on its behalf by:

.....
DIRECTOR

.....
DIRECTOR

KIRENGE & ASSOCIATES
Certified Public Accountants (K)

REPORT OF THE INDEPENDENT AUDITORS
TO THE MEMBERS OF SYSCRAFT LIMITED
Report on the Financial Statements
Opinion

We have audited the accompanying financial statements of Syscraft Limited, set out on pages 7 to 17 which comprise the statement of financial position as at 31 December 2021, and the statement of profit or loss and other comprehensive income, statement of changes in equity and cash flow statement for the year then ended, and a summary of significant accounting policies and other explanatory information.

In our opinion, the accompanying financial statements give a true and fair view of the financial position of the company as at 31 December 2021 and of its financial performance and cash flows for the year then ended in accordance with International Financial Reporting Standards or Medium-Sized Entities (IFRS for SMS) and the requirements of the Kenyan Companies Act 2015.

Basis for Opinion

We conducted our audit in accordance with International Standards on Auditing ("ISA"). Our responsibilities under those standards are further described in the Auditor's Responsibilities for the Audit of the Financial Statements section of our report. We are independent of the Company in accordance with the International Ethics Standards Board for Accountants' Code of Ethics for Professional Accountants (IESBA Code), together with other ethical requirements that are relevant to our audit of the financial statements in Kenya, and we have fulfilled our other ethical responsibilities in accordance with these requirements. We believe that the audit evidence we have obtained is sufficient and appropriate to provide a basis for our opinion.

Other Information

The Directors are responsible for the other information, which comprises the report of Directors as required by the Kenya Companies Act 2015. The other information does not include the financial statements and our auditor's report thereon.

Our opinion on the financial statements does not cover the other information and we do not express any form of assurance conclusion thereon. In connection with our audit of the financial statements, our responsibility is to read the other information and, in doing so, consider whether the other information is materially inconsistent with the financial statements or our knowledge obtained in the audit or otherwise appears to be materially misstated. If, based on the work we have performed on the other information that we obtained prior to the date of this auditor's report, we conclude that there is a material misstatement of this other information, we are required to report that fact. We have nothing to report in this regard.

Directors' Responsibility for the Financial Statements

The Directors are responsible for the preparation of the financial statements that give a true and fair view in accordance with IFRS for SME, and for such internal controls as Directors determine are necessary to enable the preparation of financial statements that are free from material misstatement, whether due to fraud or error.

In preparing the financial statements, the Directors are responsible for assessing the Company's ability to continue as a going concern, disclosing, as applicable, matters related to going concern and using the going concern basis of accounting unless the Directors either intend to liquidate the Company or to cease operations, or have no realistic alternative but to do so. Those charged with governance are responsible for overseeing the Company's financial reporting process.

Auditor's Responsibilities for the Audit of the Financial Statements

Our objectives are to obtain reasonable assurance about whether the financial statements as a whole are free from material misstatement, whether due to fraud or error, and to issue an auditor's report that includes our opinion. Reasonable assurance is a high level of assurance, but is not a guarantee that an audit conducted in accordance with ISAs will always detect a material misstatement when it exists.

Partners: Joseph M. Kirenge
Associates: N. Kirenge; J.Irungu; M.Kamau

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REPORT OF THE INDEPENDENT AUDITORS (Continued)
TO THE MEMBERS OF SYSCRAFT LIMITED

Auditor's Responsibilities for the Audit of the Financial Statements (Continued)

Misstatements can arise from fraud or error and are considered material if, individually or in the aggregate, they could reasonably be expected to influence the economic decisions of users taken on the basis of these financial statements.
As part of an audit in accordance with ISAs, we exercise professional judgements and maintain professional skepticism throughout the audit. We also:

- Identify and assess the risks of material misstatement of the financial statements, whether due to fraud or error, design and perform audit procedures responsive to those risks, and obtain audit evidence that is sufficient and appropriate to provide a basis for our opinion. The risk of not detecting a material misstatement resulting from fraud is higher than for one resulting from error, as fraud may involve collusion, forgery, intentional omissions, misrepresentations, or the override of internal control.

- Obtain an understanding of internal control relevant to the audit in order to design audit procedures that are appropriate in the circumstances, but not for expressing an opinion on the effectiveness of the Company's internal control.

- Evaluate the appropriateness of accounting policies used and the reasonableness of accounting estimates and related disclosures made by the Directors.

- Conclude on the appropriateness of the Directors' use of the going concern basis of accounting and, based on the audit evidence obtained, whether a material uncertainty exists related to events or conditions that may cast significant doubt on the Company's ability to continue as a going concern. If we conclude that a material uncertainty exists, we are required to draw attention in our auditor's report to the related disclosures in the financial statements or, if such disclosures are inadequate, to modify our opinion. Our conclusions are based on the audit evidence obtained up to the date of our auditor's report. However, future events or conditions may cause the Company to cease to continue as a going concern.

- Evaluate the overall presentation, structure and content of the financial statements, including the disclosures, and whether the financial statements represent the underlying transactions and events in a manner that achieves fair presentation.

We communicate with Directors, among other matters, the planned scope and timing of the audit and significant audit findings, including any significant deficiencies in internal control that we identify during our audit.

We are also required to provide the Directors with a statement that we have complied with the relevant ethical requirements regarding independence and to communicate with them all relationships and other matters that may reasonably be thought to bear on our independence, and where applicable, related safeguards.

Report on Other Legal Requirements
As required by the Kenyan Companies Act 2015 we report to you, based on our audit, that:

i. We have obtained all the information and explanations which to the best of our knowledge and belief were necessary for the purposes of our audit;
ii. In our opinion proper books of account have been kept by the company, so far as appears from our examination of those books; and
iii. The company's statement of financial position and statement of comprehensive income are in agreement with the books of account.

The engagement partner responsible for the audit resulting in this independent auditor's report was CPA Joseph M Kirenge - P/No. 1931.

JKirenge
For and on behalf of
Certified Public Accountants (Kenya)

Nairobi, Kenya
6th June, ..., **2022**

SYSCRAFT LIMITED
ANNUAL FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021

STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME

	Note	2021 Kshs	2020 Kshs
Revenue	5	26,018,047	41,243,531
Costs of sales		(21,242,309)	(27,154,324)
Gross profit		4,775,739	14,089,207
Selling and distribution costs		(1,198,850)	(1,035,792)
Administrative expenses		(4,292,277)	(3,039,068)
Other operating expenses		(418,165)	(4,123,589)
Operating profit /(loss)	6	(1,133,554)	5,890,758
Other income		95,487	-
Finance costs	7	(1,211,033)	(726,489)
Profit before tax / (loss)		(2,249,100)	5,164,269
Tax expense	8	-	(1,298,912)
Net profit /(loss) for the year		(2,249,100)	3,865,357
Other comprehensive income		-	-
Total comprehensive income /(loss) for the year		(2,249,100)	3,865,357

SYSCRAFT LIMITED
ANNUAL FINANCIAL STATEMENTS
STATEMENT OF FINANCIAL POSITION
AS AT 31 DECEMBER 2021

	Note	2021 Kshs	2020 Kshs
EQUITY			
Share capital	9	100,000	100,000
Retained earnings (Page 9)		1,503,746	3,752,846
TOTAL EQUITY		1,603,746	3,852,846
		1,603,746	**3,852,846**
REPRESENTED BY			
NON CURRENT ASSETS			
Deferred tax	10	-	-
Property and equipment	11	191,067	168,362
		191,067	168,362
CURRENT ASSETS			
Cash and cash equivalents	14	633,820	548,555
Taxation recoverable	8	40,089	40,089
Trade and other receivables	12	11,834,908	10,077,916
		12,508,817	10,666,560
CURRENT LIABILITIES			
Trade and other payables	13	1,156,952	6,030,064
Bank overdraft	14	9,207,175	-
Taxation	8	732,012	952,012
		11,096,138	6,982,076
NET CURRENT ASSETS		1,412,679	3,684,484
		1,603,746	**3,852,846**

The annual financial statements on pages 7 to 17 were approved for issue by the board of directors on ..... 2022 and were signed on its behalf by:

Director

Director

SYSCRAFT LIMITED
ANNUAL FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021

STATEMENT OF CHANGES IN EQUITY

	Share capital Kshs	Retained earnings Kshs	**Total Kshs**
As at 1 January 2020	100,000	(112,511)	(12,511)
Total comprehensive loss	-	3,865,357	3,865,357
At 31 December 2020	100,000	3,752,846	3,852,846
As at 1 January 2021	100,000	3,752,846	3,852,846
Total comprehensive income	-	(2,249,100)	(2,249,100)
At 31 December 2021	100,000	1,503,746	1,603,746

SYSCRAFT LIMITED
ANNUAL FINANCIAL STATEMENTS
FOR THE YEAR ENDED 31 DECEMBER 2021

STATEMENT OF CASH FLOWS

	Notes	2021 Kshs	2020 Kshs
Cash flows from operating activities			
Profit / (loss) before tax		(2,249,100)	5,164,269
Tax paid		(220,000)	(307,050)
Adjustments for:			
Depreciation on property and equipment	11	27,295	24,052
Operating profit/(loss) before working capital changes		(2,441,804)	4,881,271
Decrease/(Increase) in trade and other receivables		(1,756,993)	(8,263,453)
Decrease / (Increase) in inventories		-	-
(Decrease)/Increase in trade and other payables		(4,873,112)	3,762,826
Cash inflow/(out flow)/ inflow from operating activities		(9,071,909)	380,644
Net cash inflow/(utilised) from operating activities		(9,071,909)	380,644
Cash flows from investing activities			
Purchase of property and equipments	11	(50,000)	(50,800)
Net cash (used in) investing activities		(50,000)	(50,800)
Cash flows from financing activities			
Capital injected		-	-
Net cash generated from financing activities		-	-
Net (decrease)/increase in cash and cash equivalents		(9,121,909)	329,844
Cash and cash equivalents at 1 January		548,555	218,711
Cash and cash equivalents 31 December	14	(8,573,354)	548,555

NOTES TO THE ANNUAL FINANCIAL STATEMENTS

1 GENERAL INFORMATION

Syscraft Limited is incorporated in Kenya under the Kenyan Companies Act 2015 as a private company limited by shares and is domiciled in Kenya. The address of its principle place of business is at Highridge, Jalaram road, Nairobi. The principal activity of the business is the selling of computer hardware, accessories and custom built software and solutions.

For Kenyan Companies Act 2015 purposes, the balance sheet is represented by the statement of financial position and the profit and loss account by the statement of profit or loss and other comprehensive income in the financial statements.

2 ACCOUNTING POLICIES

The principal accounting policies adopted in the preparation of these financial statements are set out below.

a) Basis of preparation

The financial statements are prepared in accordance and comply with International Financial Reporting Standards (IFRS) for Small and Medium size Entities (SMEs). They are presented in the functional currency Kenya Shillings (Kshs) which is the prevailing currency within the primary economic environment, rounded to the nearest shilling and prepared in accordance with the measurement bases prescribed by IFRS for SME.

The preparation of financial statement in conformity with IFRS requires the use of estimates and assumptions. It also requires proprietors to exercise their judgement in the process of applying the company's accounting policies. The areas involving a higher degree of judgement or complexity, or areas where assumptions and estimates are significant to the financial statements are disclosed in the relevant sections of the financial statements. Although these estimates are based on proprietors' best knowledge of current events and actions they may undertake in the future, actual results ultimately may differ from those estimates.

Critical estimates are made by the proprietors in determining the useful lives of property and equipment. Where applicable, the proprietors consulted experts to determine accounting estimates that require special or technical knowledge and experience.

b) Revenue

Revenue is recognised in the period in which the company delivers goods and services to the client, the client has accepted the goods and services and the collectibility of the related receivables are reasonably assured.

c) Cash and cash equivalents

Cash and cash equivalents comprise cash in hand and bank balances.

d) Trade and other receivables

Trade and other receivables are initially recognised at invoiced amounts and subsequently measured at recoverable amounts. A provision for doubtful debts is recognised in the profit and loss account in the year when the recovery of the amount due as per the original terms is doubtful. The provision is based on the difference between the carrying amount expected recoverable amount.

Receivables deemed not collectible are written off against the related provision. Subsequent recoveries of amounts previously written off are credited to the profit and loss account in the year of recovery.

NOTES TO THE ANNUAL FINANCIAL STATEMENTS(CONTINUED)

e) Financial instruments

Financial assets and liabilities are recognised in the business's statement of financial position when the business has become party to the contractual provisions of the instruments.

The fair value of financial instruments is the amount at which the instruments could be exchanged between willing parties in an arms length transaction. These instruments are either priced according to market prices or through valuation models which use independently sourced market parameters. Most of these parameters are observed directly or implied from instrument prices. Where there are no observable prices unavailable, then the instruments' fair value will include provision for the uncertainty in the market parameter based on the realisable levels.

(a) Trade receivables

Trade receivables are carried at anticipated realisable value. An estimate is made for doubtful receivables based on a review of all outstanding amounts at the end of the year. Bad debts are written off in the year in which they are identified as uncollectible.

(b) Trade payables

Trade payables are stated at their nominal value.

f) Property and equipment

All categories of property and equipment are initially recognised at cost. Cost includes expenditure directly attributable to the acquisition of the assets. Computer software, including the operating system, that is an integral part of the related hardware is capitalised as part of the computer equipment. Buildings are subsequently carried at a revalued amount, based on annual valuations by external independent valuers, less accumulated depreciation and accumulated impairment losses. All other items of property and equipment are subsequently carried at cost less accumulated depreciation and accumulated impairment losses.

Subsequent costs are included in the asset's carrying amount or recognised as a separate asset, as appropriate, only when it is probable that future economic benefits associated with the item will flow to the busines and the cost of the item can be measured reliably. Repairs and maintenance expenses are charged to the profit and loss account in the year in which they are incurred.

Increases in the carrying amount arising on revaluation are recognised in other comprehensive income and accumulated in proprietor's capital account. Decreases that offset previous increases of the same asset are recognised in other comprehensive income. All other decreases are charged to the profit and loss account.

Depreciation is calculated on reducing balance basis to write down the cost of each asset to its residual value over its estimated useful life using the following annual rates:

	Rate - %
Furniture, fittings and equipments	12.5
Computers, copiers and faxes	30.0
Motor vehicles	25.0

Gains and losses on disposal of property, plant and equipment are determined by reference to their carrying amount and are taken into account in determining operating profit. On disposal of revalued assets, amounts in the revaluation surplus reserve relating to that asset are transferred to proprietor's capital account.

NOTES TO THE ANNUAL FINANCIAL STATEMENTS(CONTINUED)

g) **Income taxes**

Income tax expense is the aggregate amount (charged)/credited in respect of current tax and deferred tax in determining the profit or loss for the year. Tax is recognised in the profit and loss account except when it relates to items recognised in other comprehensive income, in which case it is also recognised in other comprehensive income, or to items recognised directly in capital account, in which case it is also recognised directly in capital account.

Current tax

Current taxation is provided on the basis of operating results for the year as shown in the financial statement adjusted in accordance with the tax legislation.

Employee entitlements

The proprietor and its employees contribute to statutory National Social Security Fund which is a defined contribution scheme. The proprietor obligation is limited to a specific contribution per employee per month. Currently the contribution is limited to a maximum of Kshs 200 per employee per month.The proprietor contribution are charged to income statement in the year to which they relate to.

i) **Provision for liabilities and charges**

Provisions are recognised when the proprietor has a present legal or constructive obligation as a result of past events, it is probable that an outflow of resources embodying economic benefits will be required to settle the obligation, and a reliable estimate of the amount of the obligation can be made.

l) **Comparatives**

Where necessary comparative figures have been adjusted to conform with changes in presentation in the current year.

3 CRITICAL ACCOUNTING JUDGEMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY

In the process of applying the accounting policies adopted by the business, the proprietor make certain judgements and estimates that may affect the carrying values of assets and liabilities in the next financial period. Such judgements and estimates are based on historical experience and other factors, including expectations of future events that are believed to be reasonable under the current circumstances. The proprietor evaluate these at each financial reporting date to ensure that they are still reasonable under the prevailing circumstances based on the information available.

NOTES TO THE ANNUAL FINANCIAL STATEMENTS(CONTINUED)

3 SIGNIFICANT JUDGEMENTS AND KEY SOURCES OF ESTIMATION UNCERTAINTY(Continued)

a) Significant judgements made in applying the business accounting policies

The judgements made by the proprietor in the process of applying the business accounting policies that have the most significant effect on the amounts recognised in the financial statements include:

Whether it is probable that that future taxable profits will be available against which temporary differences can be utilised.

ii) Critical estimates are made by the proprietor in determining the useful lives and depreciation rates for equipment at the end of each reporting period.

4 RISK MANAGEMENT OBJECTIVES AND POLICIES

a) Financial risk management

The business activities expose it to a variety of financial risks including credit, liquidity and market risks. The business overall risk management policies are set out by the proprietor and implemented by the management, and focus on the unpredictability of changes in the business environment and seek to minimise the potential adverse effects of such risks on the business performance by setting acceptable levels of risk. The business does not hedge against any risks.

i) Credit risk

Credit risk is the risk that one party to a financial instrument will cause a financial loss for the other party by failing to discharge an obligation. Credit risk mainly arises from financial assets, and is managed on a business-wide basis. The business does not grade the credit quality of financial assets that are neither past due nor impaired.

Credit risk on trade receivables is managed by ensuring that credit is extended to customers with an established credit history. The credit history is determined by taking into account the financial position, past experience and other relevant factors. Credit is managed by setting the credit limit and the credit period for each customer. The utilisation of the credit limits and the credit period is monitored by management on a monthly basis.

ii) Liquidity risk

Liquidity risk is the risk that the business will not be able to meet its financial obligations when they fall due. The proprietor has developed a risk management framework for the management of the business short, medium and long-term liquidity requirements thereby ensuring that all financial liabilities are settled as they fall due. The business manages liquidity risk by continuously reviewing forecasts and actual cash flows, and maintaining banking facilities to cover any shortfalls.

iii) Market risk

Market risk is the risk that the fair value or future cash flows of financial instruments will fluctuate because of changes in market price and comprises three types of risks: currency risk, interest rate risk and other price risk.
Interest rate risk
Interest rate risk arises primarily from borrowings and cash and cash equivalents.The business is exposed to cash flow interest risk on its variable rate borrowings because of changes in market interest rates. The business manages this exposure by maintaining a high interest cover ratio, which is the extent to which profits are available to service borrowing costs

NOTES TO THE ANNUAL FINANCIAL STATEMENTS(CONTINUED)

4 RISK MANAGEMENT OBJECTIVES AND POLICIES(Continued)

b) Capital management

The business manages its capital by evaluating the working capital requirements and investment in non-current assets before borrowings and based on this requirement, setting an internal debt to equity ratio, which it monitors on a regular basis.

5 REVENUE

	2021	2020
	Kshs	Kshs
Turnover	26,018,047	41,243,531

6 OPERATING PROFIT

The following items have been charged in arriving at profit before tax:		
Depreciation on property and equipment	27,295	24,052
Auditors' remuneration	150,000	150,000

7 FINANCE COSTS

Bank charges and commissions	66,886	111,745
Interest charges	1,144,147	614,743
	1,211,033	726,489

8 TAX

Current tax	-	1,259,062
Deferred tax (Note 10)	-	39,850
	-	1,298,912
Profit before tax	-	5,164,269
Tax @ 30% (2020: 25%)	-	1,291,067
Expenses not deductible for tax		-
Permanent difference	-	7,845
Tax expense	-	1,298,912

TAXATION

At 1st January	952,012	-
Provision for the year	-	1,259,062
Tax paid	(220,000)	(307,050)
Tax payable / (receivable)	732,012	952,012

9 SHARE CAPITAL

Authorised		
1,000 Ordinary share of Kshs 100	100,000	100,000
Issued and fully paid		
1,000 Ordinary shares of Kshs 100	100,000	100,000

The total number of authorised ordinary shares is 1,000 with par value of Kshs 100 each. Paid up share capital is 1,000 shares of Kshs 100 each.

NOTES TO THE ANNUAL FINANCIAL STATEMENTS(CONTINUED)

10 DEFERRED TAX

Deferred tax is calculated using the enacted income tax rate of 30% . The movement in deferred tax account is as

	2021 Kshs	2020 Kshs
(Charge)/credit to profit and loss account (Note 8)	-	-
At the end of the year	-	-

Deferred tax asset and liabilities,deferred tax (charge)/credit in the profit and loss account are attributable to the following following items:

	01.01.2021 Kshs	(Credited) to Profit & Loss Account Kshs	31.12.2021 Kshs	2020 Kshs
Tax losses carried forward	-	-	-	-
Plant and equipment				
On historical cost basis			-	-
Net deferred income tax asset	-	-	-	-

11 PROPERTY AND EQUIPMENT

Cost or Valuation	Office equipment Kshs	Furniture & fittings Kshs	Computer & equipment Kshs	Motorvehicle Kshs	Total Kshs
As at 1 January 2020	21,552	140,293	-	-	161,845
Additions	50,800	-	-	-	50,800
At 31 December 2020	72,352	140,293	-	-	212,645
As at 1 January 2021	72,352	140,293	-	-	212,645
Additions	50,000	-	-	-	50,000
At 31 December 2021	122,352	140,293	-	-	262,645
Depreciation					
As at 1 January 2020	2,694	17,537	-	-	20,231
Charge for the year	8,707	15,345	-	-	24,052
At 31 December 2020	11,401	32,882	-	-	44,283
As at 1 January 2021	11,401	32,882	-	-	44,283
Charge for the year	13,869	13,426	-	-	27,295
At 31 December 2021	25,270	46,308	-	-	71,578
Net book value					
At 31 December 2020	60,951	107,412	-	-	168,362
At 31 December 2021	97,082	93,985	-	-	191,067

NOTES TO THE ANNUAL FINANCIAL STATEMENTS(CONTINUED)

12 TRADE AND OTHER RECEIVABLES	2021 Kshs	2020 Kshs
Trade receivables	2,118,796	3,796,032
Rent deposit	110,000	110,000
Directors current accounts	2,222,607	6,138,689
Other receivables	7,383,506	33,195
	11,834,908	10,077,916

13 TRADE AND OTHER PAYABLES		
Trade payables	502,461	4,992,061
Other payables	654,491	1,038,003
	1,156,952	6,030,064

14 CASH AT BANK AND IN HAND		
Cash at bank	633,820	548,555
Bank overdraft	(9,207,175)	
	(8,573,355)	548,555

15 COUNTRY OF REGISTRATION

The business is registered and domiciled in Kenya.

16 CURRENCY

The financial statements are presented in Kenya Shillings (Kshs) and rounded to the nearest one shilling.

17 EVENTS AFTER REPORTING PERIOD

The Covid-19 pandermic has brought with it secondary effects more so to the business community and the society at large. One of the secondary effects has been the economic downturn and risks which cannot be quantified for now.

SYSCRAFT LIMITED
ANNUAL FINANCIAL STATEMENTS
DETAILED STATEMENT OF PROFIT OR LOSS AND OTHER COMPREHENSIVE INCOME
FOR THE YEAR ENDED 31 DECEMBER 2021

	2021 Kshs	2020 Kshs
1 Revenue		
Turnover	26,018,047	41,243,531
2 Cost of sales		
Purchases	21,212,170	26,592,849
Direct wages	30,139	561,475
Closing stock	-	-
Total cost of sales	21,242,309	27,154,324
3 Selling and distribution costs		
Marketing, advertising and promotion	1,198,850	1,035,792
	1,198,850	1,035,792
4 Administration expenses:		
Audit fees	150,000	150,000
Legal and professional	372,397	323,990
Office expenses	48,488	52,750
Subscription expense	-	7,482
Newspapers and periodicals expense	25,200	-
Telephone and postage	108,718	79,292
Printing and stationery	100,701	77,220
Staff meals and tea	694,360	1,000
Salaries and wages	2,545,793	1,668,147
Medical expenses	-	10,000
Entertainment	22,410	68,935
Staff party expenses	-	60,000
Travelling expense	224,210	540,252
Total administartion expenses	4,292,277	3,039,068
5 Other operating expenses:		
Licences	15,350	36,050
Penalties	-	2,000
Insurance	22,641	22,641
Travel and entertainment	650	127,000
Rent	333,787	3,635,824
Loss on exchange	18,441	276,022
Depreciation	27,295	24,052
Total operating expenses	418,165	4,123,589
5 Other income:		
Interest income	95,487	-
	95,487	-

SYSCRAFT LIMITED
TAX COMPUTATION

PIN No. P051717801G
PERIOD ENDED: 31ST DECEMBER 2021

1. TAX COMPUTATION			Kshs	Kshs
Profit before tax as per financial statements				(2,249,100)
Add:				
	Depreciation on property and equipment		27,295	
	Penalties		-	27,295
Less:	Wear and tear allowance		(22,317)	(22,317)
Adjusted profit for the year				(2,244,122)
Taxable loss c/fwd				
Tax loss b/fwd				-
Adjustable loss for the year				(2,244,122)
Adjusted taxable loss				(2,244,122)
	Tax payable	Corporate tax at 30%	(2,244,122)	(673,237)
	Balance of tax payable b/fwd			952,012
	Tax paid during the year for the previous year			
	Tax paid during the year			(220,000)
		Principal tax payable		732,012
		Tax payable		732,012

2. WEAR AND TEAR SCHEDULE

	Class II 25% Kshs	Class III 25% Kshs	Class IV 10% Kshs	Total Kshs
W.D.V at 1st January 2021	-	-	173,173	173,173
Additions during the year	-	-	50,000	50,000
	-	-	223,173	223,173
Wear and tear allowance	-	-	(22,317)	(22,317)
W.D.V at 31st December 2021	-	-	200,855	200,855

PSECC Ltd Company No. 10652586
39 Woodhay Walk
Havant
Hampshire, PO9 5RD United Kingdom

Certified

CV's

SyScraft Limited

SYMON PETER MEYO CV

PERSONAL DETAILS

Name:	**Symon Peter Meyo**
Firm:	SySCraft Limited
Profession:	IT Professional
Position :	Chief Executive Officer
Years with entity:	Over 3 years
Date of Birth:	April 7th 1953
Nationality:	Kenyan
Marital Status:	Married

EDUCATIONAL BACKGROUND

Education: BSc Computer Science and Economics from
Muskingum College, New Concord, Ohio, USA
Graduated in 1984.

PROFESSIONAL TRAINING

Trained on Diebold products at the Diebold College in Canton Ohio USA on Sales and Marketing of Self Service Terminals in June 2000 and Certified as Diebold Products professional.

IBM enterprise Servers Certified Sales & Marketing Professional

Sun Microsystems Certified Sales & Marketing Professional

Trained in Advanced Business Skills and Certified by IBM Africa Operation in 1996

Trained by ACI Worldwide on Financial Payments and Switching instruments

WORK EXPERIENCE

- Has worked in the Computer industry since 1984
- Chief Executive Officer - CEO, overseeing overall running of the company. Key roles include overall company market and business development, Company Resource Management, Higher level Customer Corporate reach and contact for business solicitation
- C Level Enterprise IT Support and Maintenance Services. Responsible for services throughout East Africa – covering Kenya, Rwanda, Burundi, Uganda,

Tanzania and Ethiopia. An IBM Enterprise Servers and Storage Sales and Marketing Specialist and have wide ranging IT solutions understanding and applicability.

- Headed the introduction of ATMs and Thales security products in Eastern Africa with high success rate. Has jointly with ACI Worldwide concluded ATM switching Network with Simtel in Rwanda. This involved Nationwide ATM switching with the first twenty ATMs and the switching software installation in February 2004.

- Spearheaded the introduction of Lotus Notes In East Africa, which resulted into deployment of 1500 licenses at United Nations Office in Nairobi (UNON), over 80 licenses at Hima Cement in Uganda and 0ver 100 licenses at AON Minnet Insurance Brokers among others.

- Sold and Project managed deployment of Large and small MICR Hardware and software solutions to eight banks in Kenya including Central Bank of Kenya.

- Account managed the expansion and deployment of WANG VS mid range servers and COFIS, a Financial Institution software developed by our organisation to six branches countrywide.

- Account managed the expansion and deployment of banking solution at National Bank of Kenya – 20 Midrange WANG VS Servers and additional IBS licenses.

- Sold and Account managed initial turnkey banking solution at National Bank of Kenya Ltd - Credit card software. ATM hardware (Diebold) and Network software solution.

- Sold and Account managed initial turnkey banking solution at Post Bank Credit Ltd - Bank Accounting Software and five WANG VS midrange servers

- Sold and Account managed turnkey banking solution at Post Bank Ltd - Integrated Banking System and five WANG VS midrange servers

- Sold and Account managed a turnkey Integrated Insurance Management (IIMS) solution at Co-operative Insurance Services Ltd (now CIC Insurance) - IIMS and one WANG VS midrange server.

- Member of bespoke Payroll software development team at Kenya Post and Telecommunication.

Other Key Projects:

e-Government

- Assembled and lead a team of technologists, developers, project and change managers, IBM, JBMC Ltd of UK and Symphony, to deliver to Kenya Government, a Lotus Notes/Domino messaging and collaboration software proof of concept solution. This was intended to culminate into an e-Government solution.

- Organised in June 2003 a half-day demonstration/presentation of e-Government solution to all Permanent Secretaries in the Kenya Government, headed by Ambassador Francis Muthaura, Head of Public Service and Secretary to the Cabinet. The solution presented was based on Lotus Notes/Domino messaging and collaboration

- Through IBM, led an e-Government team from the Kenya Government to a fact finding mission at the 5th Lotus Global Government Forum (LGGF) held in Stockholm Sweden in May 2003, which lead to the launching of e-Government initiative in July 2003

- Spearheads introduction of special performance improvement application in Government including relationship building at senior level. Work involves:

  - Needs Identification
  - Solutions and needs matching
  - Proposal preparation management
  - Business negotiation and conclusion

Key Qualifications:

- IBM Certified Specialist Enterprise Storage Sales
- IBM Certified Specialist System Z Solutions Sales
- IBM Enterprise Storage Certified Sales & Marketing Professional
- IBM Enterprise Servers Certified Sales & Marketing Professional
- Trained by ACI Worldwide on Financial Payments and switching instruments
- Trained on Diebold products at the Diebold College in Canton Ohio USA on Sales and Marketing of Self Service Terminals in June 2000 and Certified as Diebold Products professional.

Employment Record:

- 2019 – To date Chief Executive Officer – SySCraft Limited.
- 2013 – 2019 General Manager Technical Services – Symphony Technologies Limited

- 2005 - 2013 Senior Business Development Manager – Symphony Technologies Limited
- 2002 – 2004: Senior Business Development Manager - Government & Banking – Symphony Technologies Limited
- 2000 – 2001: Senior Business Manger – IT Infrastructure in Banking & Finance and Government (covering Kenya, Ethiopia and Tanzania) – Symphony Technologies Limited
- 1997 – 1999: Manager Sales – ALL Solutions in CAL Kenya Ltd.
- 1992 – 1996: Marketing Support Manager, Banking and Finance – CAL Kenya Ltd.
- 1985 – 1992: Marketing Executive – CAL Kenya Ltd
- 1984 – 1985: System Analyst/Programmer – Kenya Post & Telecommunications Corporation

PSECC Ltd CV (Consultants)

39 Woodhay Walk
Havant
Hampshire P09 5RD- Mobile: 07510 977203

Alan.J.Brewer MSc
Director PSECC Ltd
International Waste & Solar PV, UK City Energy Policy, County Energy Strategy Coordination – Solar Farm development & Project Management 500MW Zambia, Kenya & Ghana, Uganda, Senegal, Rwanda,& Nigeria. Excellent references
alan@psecc.co.uk - Optimistic

Consultant to Lapsset Corridor project, Kenya - Energy Strategy recommendations.
Waste & Solar Farm Developer, Project Manager, Solar PV Domestic & Commercial Business Developer – Qualified Environmental Engineer to master's degree level, Electrical / Mechanical Maintenance Engineer – Solar Farm Project Management, Climate Change Mitigation, Carbon Management over twenty-seven - 28 years in Renewables, EFW sectors with recent eight years in Solar PV homes, large scale 500KW and development of 4MW, 5MW, 25MW & 50MW Solar Farms in Africa. Good all-round experience in all renewable's apart from Wind.

Strong Development skills & Senior Level negotiation at Presidential, Country Ministerial, Director level, Project Manager / Development experience over 28 years. Interesting career path so far over – Project Manager / Development in Waste Gasification & recycling plants, Renewable Energy, Electrical & Mechanical fitter – three phase and single phase. Experience of working with InnovateUK, UK AID, US EXIMBANK funding platform and UNEP in Kenya, Zambia & Ghana and REPP funding platform together with identification of Adaption projects for climate change programme in Kenya, Zambia, Senegal, Nigeria, Uganda, Rwanda and Ghana. Energy Efficiency, Good Carbon Reduction technical abilities and BREEAM. Risk assessment & Technical reporting produced for all stages of developing Solar and all renewables. Now wishing to return to UK role, could offer ten 50MW solar farms on JV basis in Zambia.

South Africa – InnovateUK Government - University of Greenwich project to prevent Deforestation by the adoption of Solar powered Pressure cookers – Research development project.

Carbon Management, Energy Policy & Strategy formulation, Solar PV & Energy Crops Currently developing Africa - strong business Climate Change Adaption development skills –Qualified in Energy, Waste, BREEAM and in Renewable's sectors, Solar PV, Energy, Waste, Climate Change Mitigation, Carbon Reduction. Mechanical & Electrical Engineering training and BT Computer Training over 8 years, manufacturing & environment sector over the last twenty-seven years. Have Global Agreements in place with Energene - CERES Miscanthus seed provider – good for USA. Mexico partners in place to provide small Solar PV to the people of Africa. Arrange all funding requirements for projects and technology partners.

I have performed current technical assignments of Kenya for the Kenyalight project, six years development in Ghana, two years in Kenya and two years in Zambia and have work collaboratively with many partners in Africa such as Siemens, Alset Power, itpower group Ltd, Alpin Sun GmbH, SMEP, UNEP and implementing reporting and successful delivery of the relevant project technical reports and risk assessments.

Have worked on development of Solar PV with many UK Waste & Solar companies, on the HNRI initiative, diligent, hard worker, respectful, persistent, consistent, presentable, loyal, and enthusiastic. Instigated with British Gas and Freetricity the Free Solar programme in the UK. Environmental engineering, renewables, energy, waste, solar PV, development work and Climate Change mitigation. Developed "Resource Ownership" concept. Proactive identifying sustainable business opportunity and run with it to a successful conclusion. Manufacturing, Mechanical, and electrical Fitting experience & computer experience also over six and eight years respectively together with good public relations, wide knowledge. International & UK development management experience, CRC, Future Solent Programme, and advice on Renewable Energy developments. Renewable Energy development experience, Solar & Waste sectors. ESCO formations / Project Management - partners include PMSS, British Gas, Talbots, SSE, JCA Group, Riomay Renewable, Energene, Freetricity Plc, Solar Advanced Systems, Solar Selections Ltd, Lightsource Ltd and many more. Project Management of following technologies - Solar PV / Biomass / Ground source sectors / all Renewable Energies.

Carbon Reduction Commitment Grant & funding sourced for ESCO's. Senior level negotiation and development experience, PROJECT MANAGEMENT - Gasification, Solar PV, good facilitator of sales and marketing strategies, especially Solar, Gasification, Biomass, Waste, Climate Change mitigation, Renewable's, Waste Strategy & Policy formulation, energy efficiency, recycling, environmental management- EFW - waste disposal experience. NHS Trust Solar PV case studies submitted on Climate Change and CO2 emission reduction – provision of case studies to NHS Trust Sustainable Development Unit. Extensive experience of developing international business opportunities in Waste & Solar PV sectors, presenting CRC, Agenda 21 Sustainable Development programmes to Council officials, companies - Energy, Renewable, Energy Efficiency, Construction, Housing and Waste Sector experience. BREEAM Schools Advisor.

Skills

International Developer - Waste Gasification & Recycling, Solar Farm Development - Waste & Carbon Management, Energy Policy & Strategy - Electrical & Mechanical fitter six years– three phase and single phase. **Project Funding, Project Development, Project Management, Climate Change Mitigation** - International Consortium formation for Kenyalight project in Nairobi Kenya. Advise to Future Solent programme Board, PV - Highcross Ltd – Business centres throughout the UK, schools, NHS, commercial **Project management** – International consortium Solar Farms & Waste-to-Energy in Kenya, Zambia, Ghana & Nigeria. NHS Trust advice on Solar PV and CO2 emission reduction – Carbon Reduction - provision of case studies to NHS Trust Sustainable Development Unit.
Project Management Driving Climate Change CO2 reduction– Commercial Highcross & NHS Trust
Development Manager - Solar Farm development, Solar PV - Energy Policy & Strategy
Renewable Energy Business Development Manager over twenty-seven years, Solar, EFW, Biomass, Tidal
BREEAM school's advisor – sales development at County level & Educations sectors.
International sales development – Solar, Waste Management & Solar PV Commercial and Private
Engaging Communities in the Waste & Solar PV marketplace & Sustainable Development

Environmental Engineering – Renewable Energy & Waste sectors
Project Management in both sectors of Renewable Energy & Waste
International Development management in Renewable Energy, Energy & Waste sectors
ESCO formations for Solar PV and Biomass. - fund raising for ESCO's,
International negotiation and development management experience
Energy Coordination of Energy Network – Renewable Energy Hampshire County Council appointment
Sustainable Energy Policy & Strategy formulation Portsmouth City Council appointment - **Ski Technician**

Affiliate member of the Energy Institute - Member of the Chartered Waste Management Institute

- Sectors worked in CRC, Energy Policy & Strategy, Waste, Solar, Biomass, Energy Efficiency Renewables
- Energy Network coordinator – HNRI - Hampshire County Council, Renewables & Energy efficiency.
- UK Waste Strategy Working Party Group member / International negotiation skills, Hong Kong etc
- Sustainable Energy Project management - Business Development over eighteen years Solar PV -MSW
- Waste Strategy 2005 CIWM Group member London
- City & County Agenda 21 Sustainable Development – Energy Policy and Energy Strategy Research and writing of Policies & Strategies to meet Kyoto Climate Change targets.
- Chairman of the Southeast Chamber of Commerce-Renewable Energy Group
- Excellent Interpersonal Skills – good facilitator / Feasibility Studies PowerPoint Presentations & sound Computer skills.

Previous consultancy work

South Africa – InnovateUK Government - University of Greenwich project to prevent Deforestation by the adoption of Solar powered Pressure cookers – Research development project **June 2023 - September 2025**
Consultant to Lapsset Corriodr project, Kenya - Energy Strategy recommendations **February 2023 - ongoing**

PSECC Ltd -Developer, Facilitation, and development of Renewable Energy in Africa – 500MW of Solar Farms – **December 2014 – now**
International Solar Farm development work - IEDL, Kenyalight Ltd - in Kenya, Uganda, Cameroon and Tanzania – arrangement of all project partners EPC / funders $100 million **Jan to December 2014**

Project manager and developer – Self Employed Consultant Kenyalight project for Kenya www.iedl.org advisor on Climate Change - CO2 emission - (Carbon Reduction Commitment) reduction for Councils – case studies to NHS Trust England Sustainable Development Unit - Sustainable Retail – Solar PV funding & technology – 500KW. **April 2013-May 2014**
Project Manager – Solar Selections CO2 reduction in Lakeside - Highcross business centres – **Nov' 2012 to April 2013**

Development manager - Self Employed – UK Solar projects – Ground Source HP – Biomass Plants, Kenya Village Solar Grids – both Off Grid and Mini-Grid systems / Gasification Solar PV business development UK Colleges. **Mar' 2012 to Nov' 2012**
Established Free Solar PV programme & helped raise £16 million for Domestic Solar PV programme

Development consultant - Portsmouth City Council – Solar PV advise –16 schools **May 2010 - Feb' 2011**
ITPower Ltd – SEI & British Gas, BP – Partnership –Business Development Solar PV–7 schools **Mar' 2008 - June 2010**

Consultant – Partnership – ITPower Sustainable Energy Installations Ltd **Jan 2006 - Mar' 2008**
for Hampshire – County Council - Solar PV for Schools
Development – Energy Network coordinator - Hampshire County Council **April 2004 to Nov' 2006**

Renewable Energy assessment for the County (self employed)

Energy Business development Manager – Sovereign Ltd **Feb' 2003 - April 2004**

Environmental advisor for Sustainable Energy & Integrated Waste Management. South Sudan Energy / Environmental Policies / Strategy advice, Coordination of Renewable Energy development between Hampshire County Council, Hampshire Natural Resources Initiative, Rushmoor Borough Council.

Formation and Chairman, Southeast Chamber of Commerce **Jan' 2002 to Feb' 2003**

Formed Energy Focus Group in Hampshire Promotion of Wind, Solar, Energy Crops and Green Energy supply

Business Development Manager, MSW Waste sector, International Mercantile Group **June 1996 to Dec' 2002**

Development of International Waste Management consortium, feasibility study writing.

Hampshire County Waste Strategy and provision to the group of nine international cities for waste disposal contracts. **Gasification** EFW Instigated Energy Crop programme with the Ministry of Agriculture, Fisheries & Food (MAFF-DEFRA) in two English Counties, West Sussex, and Hampshire Climate Change - arranged all technological choices and finance/insurance package. Written Integrated Waste EFW Management reports for Russia, India, Hong Kong, Bulgaria, Poland, Riyadh, Doha, Winchester, Hampshire, Brighton, Edinburgh, and Moscow. Six-month research - Sustainable Development energy policy and strategy formulation Working party member for: energy from waste, EMS, transport, and energy efficiency, renewable energies of solar, wind, water, cogeneration, and recycling.

Trainer, Nynex Communications – Home Sales development and training **1993/1994**

Ski Technician **1993**/occasionally

Energy, Brytec, Hayling – energy sales, low energy lighting systems **1991/1993**

Senior Computer Data Processing Officer, British Telecom, Portsmouth **1980/1990**

Electrical / Mechanical Maintenance Engineer, Solent Repetition, Portsmouth **1968/1974**

Education and Qualification

BREEAM Education Assessor training for Schools – currently an advisor only **2008**

(CAT)– Wales – Community Renewable Energy Schemes & Solar course **2006**

Chartered Waste Management Institute & Affiliate member of the Energy Institute **2006**

Practical Wastes Management Course – Certificate **2004**

Graduate, Member of EI & Chartered Institute of Waste Management UK **2003**

MSc. Environmental Engineering – University of Portsmouth – Majored in Energy **1995**

PgDip. Environmental Engineering – University of Portsmouth **1995**

PgCert. Environmental Engineering – University of Portsmouth **1994**

NVQ (IV) Management – Portsmouth **1993**

C.Ed.Environmental Science – University of Plymouth **1980**

O.N.Dip. Sciences – Highbury Technical College, Portsmouth **1976**

Alset Power Team…..Gasification

Alset Power The Management Team

President and Chief Executive Officer (CEO), Avery Knox, MBA, with responsibilities to maintain the steady and consistent focus on the core principles of the enterprise: with overall responsibility to enable, lead, promulgate and grow the capacity, capabilities, competence, and relevance of the enterprise and the revenue streams it delivers to investors, the markets, and the people who forge them. Primary location will be New York City. .

Avery is a former member of American Stock Exchange. Stockbroker and bond trader with Morgan Stanley. Former real estate sales agent with Douglas Elliman Co. in New York, NY. Former owner and operator of a pet supply business. Entered the field of Business Brokerage in 2003. Worked with several firms and then branched out on his own as a sole proprietor of Diversified Business Brokers. He received Bachelor's degrees in Economics and Art History from Yale University in 1979. He later earned an MBA in Finance from New York University's Stern Business School in 1985.

Senior Vice President, Steve Racoosin, with responsibilities of overall construction management and operations related to deliver, operate within, and augment sustainable outcomes to increase profitability, positive change in the communities we serve, and the influence we yield in the laboratories, on the markets and on public policy. Primary location will be in California.

A high-tech visionary, Mr. Racoosin brings over 49 years' experience in energy development projects, landfill operations, material recovery facilities, transfer stations, and alternative waste solutions. His design of the "Alternative Energy Center" or "TRF" "Total Recovery facility" which is ALL WASTE streams under one roof, cleanly processed into electricity, fuels and useful building products is setting the full-service standard that communities are looking for. Mr. Racoosin previously served as CEO of BioGold Fuels Corporation in the United States. Mr. Racoosin was the Founder and CEO/President of Full Circle Industries, Inc. which is today BioGold Fuels. In 2002 Mr. Racoosin founded and became CEO of World Waste of America, Inc., which later became World Waste Technologies, Inc., a publicly traded waste-processing company. Mr. Racoosin's past research efforts include pressurized steam classification technologies for MSW in addition to biomass to liquid fuels and pyrolysis/gasification, has researched algae and has been involved with the transesterification of organic oil from crops to high grade diesel fuels and he has studied hydrogen and fuel cell technologies. He has spent his career studying creative re-uses for ALL forms of waste into energy and fuels. In 1992 he studied at the University of Alabama at the Johnson Environmental Energy Research Center at the Von Braun Rocket Center in Huntsville, Alabama on the science of Steam Sterilization of MSW. In 1984 as a landfill manager with R. E. Wolfe enterprises and San Bernardino County he was in charge of the construction and management of the landfill and was also involved in the first privatization of the San Bernardino County landfill at Ontario, CA and in 2005 was involved with his company World Waste Technologies in the building of the Republic Services Material Recovery Facility in Anaheim, CA today, one of the largest MRFs in the world processing over 6,000 tons of MSW per day. Mr. Racoosin invented the Bio Carbon Fuels dryer and is the patent owner before assigning the patent to Bio Carbon Fuels. He spent 18 years developing the system to take ALL FORMS of waste and blend them into re-engineered carbon for production of liquid fuels and

clean electricity.

Alan Brewer, MSc, twenty-seven years Climate Change Mitigation experience with responsibilities to organize, develop, and deliver portfolio projects to market and grow the enterprise. He establishes the initial client relationships and structures the project to provide maximum value. Primary location will be the United Kingdom.

Alan has experience of working with a wide range of Governments since 2017 at both Ministerial & local level and with UNEP and REPP together with identification of Adaption Renewable Energy & Waste projects for climate change program in Kenya, Ghana, and the USA. In 2012 he formed International Consortium with World Expert Companies. He has effective delivery abilities and world-class consulting experience and capacity building as indicated by his work over twenty-five years for UK Government Climate Change Mitigation programs and Hampshire County Council together with City Council Energy Policy & Strategy together with UK Waste Strategy input. He is a qualified Environmental Engineer, Manager with Project Management experience over twenty-six years together with being a Strategic Thinker, Agenda 21 Sustainable Development & Renewables Developer & Waste Management Plant development.

VP of Research & Development, Mark Turner, with responsibilities over the current and future technology developments, will lead the research team to successfully implement systems and develop improvements to processes and components. Primary location will be Florida.

Mark M. Turner, American Inventor and founder of Green Group Alliance Members, is the CEO of Global Energy Group P744 Worldwide Inc. and managing member of his other corporation GEG Consulting & Developing International, LLC. Mark's Ideas are multifaceted in the fields of electromagnetics and chemical formulations. His problem-solving abilities have been used extensively with members in this group and with other close inventor friends of his. He is known by his friends as "The Professor" taught by the school of thought and imagination. Mr. Turner, whose degree is in refrigeration mechanical engineering, owned and operated a very successful refrigeration business for many years. He has been an independent research scientist for over 25 years. After a sever industrial accident in the mid 1990's, he turned his interests to research and development of electromagnetic field generators. Mark has been working on DC motors and how they relate to becoming power production systems through various old technologies that employ AC to DC through setups like alternators and electronics, and magnetic pulse direct/drivers to develop ADV voltage, and ADC current where both systems work together through DC motors or without the use of any motors to create a Load Compensating Electrical Fuel Cell being powered by AC sources without inverters. Mark has worked on the development of magnetic coil energy generators to free up all power needs to eliminate fossil fuel usage, and most recently has been developing the load compensating electrical fuel cell. This fuel cell has the capacity to reduce and/or completely eliminate the need for outside electrical power systems from power plants.

Executive VP of EPC, Tim Formaz, with responsibilities as a Board member and EPC leader, Tim will provide oversight to construction scope definition and contracting. Primary location will be Ohio.

Timothy (Tim) Formaz is a graduate mechanical engineer with over forty-five years of power generation experience. Tim has deep experience in EPC design/build for combined cycle gas turbine plants, bio-mass plants, CHP plants, waste-to-energy projects, utility boilers and a broad range of engineering consulting services. Projects are worldwide to include the Middle East, Europe, Africa, and Ireland. He specializes in difficult fuels and unusual applications. Past projects include converting low BTU coal fired boiler to fire MSW and the conversion of 25 MW coal fired stoker boiler to fire woodchips.

Prior to founding Turbine Power in 2006, Tim was President/Principal of HRSG International, Inc. in Seville, Ohio performing EPC, consulting, and design services for power generation systems in the Pacific Rim countries and continental US. Setting up joint ventures in Taiwan, Thailand, Vietnam, Malaysia, and India for boiler and heat recovery equipment design and manufacturing, custom finned tubing and finned tube products, specialty heat exchangers using internally developed software and design programs. Earlier Tim was President of Waste Heat Technologies, Inc. (Waste Heat) The company located in Wadsworth Ohio performed the design and manufacture of Heat Recovery Steam Generation units (HRSG's), Fin-Fan units, Economizers, Air Heaters, Super Heaters, and specialized heat exchangers. Waste Heat was a full ASME Code boiler shop with 120 hourly employees and 35 people on staff. The company manufactured a full line of boiler products; HRSG's up to 200,000 PPH and tubular air heaters. The company also specialized in heat exchangers for military applications, diesel exhaust gas boilers, air cooled heat exchangers, and custom finned tubing. The company entered into technology transfers agreements in China, Korea, and Taiwan for the entire product line and design software.

Director of Brazilian Operations, Luiz Salomon, with responsibilities to source and develop energy projects in Brazil. Luiz was recently requested to become the Energy Minister of Brazil by President Jair Messias Bolsonaro. However, Luiz turned down the position. He is currently negotiating a project in Brazil to provide 1,000 MW of power plants in which Alset Power Company is involved.

Luiz is a Senior Executive Director and electrical engineer, with a solid and strong background in telecommunications and energy sector, including power generation and transmission lines. He has 30 years of vast experience with projects and construction in the civil, mechanical, and electrical engineering fields. In the past couple of years, he has been developing M&A prospects with over R$

6 billion in potential projects.

Director of South American Operations, Juan Walker Prieto, with responsibilities to source and develop energy projects in Chile and Argentina. He was the first person to build a wind farm in Chile. He has just completed a large solar PV farm project with J.P. Morgan. *Juan is an experienced executive in the energy sector, with over 20 years representing major project developers and equipment manufacturers in South America. He has represented Vestas, Iberdrola, and now Alset Power, while also forming multiple project companies for wind and solar projects that were later sold to investors. He is also the founder of ACERA, a Chilean Renewable Energy Association. Juan holds a Bachelor's degree in Economics with a minor in Business from Boston University in 1986.*

This leadership team, which is already hands-on in daily execution of Enterprise-related efforts to-date, will come together as decision-makers to guide the Company's strategy and business plan, and to manage the enterprise according to specific areas of expertise crucial to creating optimal, appropriate, and sustainable revenue streams positioned by the collective portfolios this group identifies, develops, and delivers to the markets we serve. All partners are tasked with governing, growing, and setting new standards in business development, implementation, and profitability, while lowering risk exposure across all activities. Each Partner contributes a specific skillset that underlies their primary role, and each member brings a unique and valued perspective to the leadership from a broad and deep practical experience beyond their named expertise in science, economics, policy and the law; what we consider to be the primary drivers of change relative to the activities of the Company. The primary focus of this leadership team will be supporting requirements of the Project. Management will be supported by the following individuals, some of which will be part-time roles, providing robust hands-on information and quality control management:

1. Compliance and Permit Director
2. Controller (CPA)
3. Operations Coordinator
4. Project Development Coordinator
5. Public Relationship Director

The Company is lean by design to meet current objectives. All individuals will perform a multiplicity of tasks to ensure established milestones are met on time and within managed resources, which encourages structured cost containment and risk reduction while supporting anticipated agility necessary to respond to near term and long-term challenges. Office personnel stand at five and plant personnel is currently at twenty-six. Alset Power Company principals have a combined experience in the municipal solid waste and power plant industries of more than one hundred (100+) years. We have no experience specifically in the country of Kenya, but experience in similar projects in other parts of the world. Current annual revenues are in the range of $21.3 Million.

The management team will also be supported by the following individuals executing the work in the field:

1. Chief Engineer (PE Certified)
2. Senior Project Manager (Engineer)
3. Deputy Project Manager I (Engineer)
4. Site Services Director (Engineer)
5. Chief Architect

Positions and Roles

Project Monitoring and Control Group

Compliance and Permit Director

Directs permitting and licensing activities to enable the Project to satisfy local, state and federal land use, industry, and public safety requirements. Prepares documentation and submittals and represents the Company in public permit and licensing proceedings. Provides legal and cost analysis on required Project filings and filing fees. Advises the Project management on new or pending regulatory requirements that may impact project components.

Controller

Directs financial affairs of the organization. Prepares financial analysis of operations for guidance of management. Prepares reports that outline company's financial position in areas of income, expenses, and earnings, based on past, present and future operations. Directs preparation of budgets and financial forecasts. Arranges for audits of company's accounts.

Operations Coordinator

Coordinates and enables the complex project planning, development, and operational mechanics outlining current and future initiatives. Acts as the single point of contact on all phases of project operations related to resourcing, logistics, procurements, scheduling, delivery, monitoring and testing, documenting, and promulgating project details and results. Works closely with Senior Management to maintain clear and continuous information flow between field, control, and senior leadership. Develops, implements, and maintains relevance of project communications flows to assure timely, productive, and accurate work.

Project Development Coordinator

The Project Development Coordinator is the control point of project level Operations and Policy Development teams, with responsibility of assuring complete and accurate applications and outcomes by: creating, implementing and maintaining a detailed project log noting work and specifications required, met, approved, and otherwise acted on in support of the deliverable; engaging with senior project team personnel to maintain communication lines between the project team and project partners, suppliers, and the public; and working with the Public Relationship Director to craft and deliver relevant and informative public messaging, and to represent the Company on the public arena.

Public Relationship Director

Directs staffing, training, knowledge, and performance evaluations to develop and enhance community relationships. Manages market goals and advises partners and policy makers concerning development goals and standards. Analyzes market and industry statistics to formulate programs in promoting engagement with existing projects and in developing new understanding of local or regional needs. Manages public-related activities. Represents the Company in the public sphere.

Project Implementation Group

Chief Engineer (PE Certified)

Oversees the facilities and operations. Responsible for the technology, engineering, and mechanics of project installations, testing and monitoring during commercialization, and ongoing operations and maintenance oversight and control systems. Directs project personnel on all aspects of engineering, development, and operations, including scheduled shutdowns and trouble-shooting operations in case of a performance or operational drag on the system. The final decision-maker in the field in all operational component issues impacting the delivery of services, responsible for maintaining the promise of the Company to deliver on the guaranteed continuous high-quality electric power capacity under an ongoing service contract.

Senior Project Manager (Engineer)

Develops and maintains the mission and charter of the Project. Oversees business aspects, technology development, production, finance, support service, etc. Approves all financial obligations. Seeks business opportunities and strategic alliances with other companies and organizations. Plans, develops, and establishes policies and objectives of the project organization in accordance with Company directives and charter. Directs and coordinates financial programs to provide funding for new or continuing operations to maximize return on investments and increase productivity.

Deputy Project Manager I (Engineer)

Directs raw materials sourcing and procurement, and management, field service, repair, and shipping/receiving functions for the plant. Assists the Project Manager and Chief Engineer in maintaining the integrity of the project construction and delivery.

Site Services Director (Engineer)

Designs and Engineers site services including water, wastewater, building electricity, sewage treatment, telephone and internet services, and assists with project interconnections and interconnection services. Works closely with Project Leadership and the project team to assure appropriate systems integration and timely coming online of critical services. Provides oversight to plant services operations post-commercialization under an ongoing service contract.

Chief Architect

Directs site appropriate architectural and site-specific design program activities with the specific intent to integrate project components within the existing environment. From a systems perspective, the Chief Architect will work closely with the Chief Engineer, Site Services Director, and Building Science Specialist to review and modify structures, access points, and public spaces as needed to enhance the productivity of the plant, and the accessibility and desirability of the plant architecture from the community perspective.

Certified

PSECC Ltd Consultancy references

UNIVERSITY of GREENWICH | Natural Resources Institute

Letter of Reference

Date: 20/08/2021

To Whom it may concern,

Through this letter of reference, I would like to commend the project management and communication skills of **Mr Alan Brewer (Msc.)**, CEO of PSECC LTD, 39 Woodhay Walk, Havant, Hants, PO9 5RD the UK.

We worked with Alan in an Innovate UK Agritec-Round 8 project (**105654 - Design and development of direct-coupled photovoltaic agri-processing machinery). He acted as Project Admin lead & Project Manager.**

The project was implemented in Ghana through a grant by UK Government – InnovateUK Agri-Catalyst, to work on renewable energy integration into Cassava Processing. Up to 30% to 40% Crop loss occurs of Cassava due to wastage and poor processing abilities – the innovative Hammer Mill will produce a mash and process Cassava Root powered by Solar PV for smallholders and cooperatives.

PSECC Ltd led and concluded the project successfully, along with other consortium partners *both in Ghana and the UK, namely:*

1. *Food Processing Enterprises (FPE) in Accra (Local Manufacturer)*
2. *The University of Greenwich - Natural Resources Initiative (Technical Lead in the UK)*
3. *Food Research Institute, Pokuase, Accra (Technical Lead in Ghana).*

I have no hesitation recommending PSECC Ltd as a competent partner in any other future Government projects in Developing Nations in Agriculture, Renewable Energy & Climate Change Mitigation.

Dr Aditya Parmar
Crop Postharvest Scientist
Natural Resources Institute, University of Greenwich, Central Avenue, Chatham Maritime, Kent ME4 4TB, UK
Tel: +44 (0)1634 883070 | Skype: aparmar_1 | Email: a.parmar@gre.ac.uk | Web: www.nri.org | Sign up to NRI's newsletter |

To whom it may concern, 23rd August 2021

It is with great pleasure that I offer this reference for PSECC and in particularly Alan Brewer for the professional, courteous, and efficient project and stakeholder management of the Intergovernmental InnovateUK funded project for which I was the Monitoring Officer.

The project involved the successful design and development of a Cassava Hammermill for African countries with their specific requirements given the climate and agricultural environments as well as their financial and resourcing constraints. Their knowledge and understanding of the customer base was exceptional and the ability to combine expertise from partners companies with the local situations was exemplary.

Your sincerely,

Dr Adele-Louise Carter

MD Kiteway Ltd

Portsmouth
City Council

PORTSMOUTH
THE FLAGSHIP CITY

Contact Mr Johnston
Our reference DJ/GAS/LA21
Your reference
Telephone 01705 834247

Fax
DX

19 October 1995

TO WHOM IT MAY CONCERN

RE: ALAN BREWER, MSc CANDIDATE, PORTSMOUTH UNIVERSITY 94-95
161 SYDENHAM COURT, BERKSHIRE CLOSE, FRATTON, PO1 1RQ

I confirm that Alan Brewer has been engaged on his MSc project "Sustainable Development in Local Authorities", full-time from early May 1995, until 13 October 1995.

Whilst engaged on this project he has also been assisting a City Council Team engaged on developing an Energy Policy and Strategy which forms an essential part of a Sustainable Development Strategy in Terms of Local Agenda 21. Alan has attended all meetings of this internal team which started on 12 April 1995 and has provided a positive knowledgeable contribution.

Furthermore, during this period he has also assisted me with other workgroups and Local Agenda 21 issues.

The City Council has benefitted from Alan's voluntary assistance and I, personally, have benefitted not only by his ready assistance but also from his expert knowledge of the full range of environmental issues embraced by Local Agenda 21.

I would have no hesitation in recommending Alan for any post in the sphere of environmental management and control.

Yours faithfully

D M R Johnston
Environmental Co-ordinator

Environmental Health Service
Civic Offices
Guildhall Square
Portsmouth
PO1 2AZ

Hampshire County Council

To whom it may concern

Reference Mr Alan Brewer

I was the Director of the Hampshire Natural Resources Initiative (HNRI) until I left the county in 2005. The HNRI was a public /private sector network of organisations that were working in the field on conservation of natural resources; materials, water, natural environment and the development of renewable energy.

Mr Brewer approached the HNRI representing a network of organisations that were interested in providing renewable solutions and with the potential to realise funding that would promote the development of renewable energy projects. At the time what was needed was someone to pull together those interested in this area and Mr Brewer was given this task.

Mr Brewer did present the HNRI with a report on ideas and opportunities for future development.

Whilst not involved as a Director or trustee of HNRI - MR Brewer was active in this area and attended a number of meetings and offered a range of ideas.

The HNRI embedded into the county an approach to sustainability that has seen a number of results on all areas of its work.

Bob Lisney OBE Ex Director HNRI

18/11/11

Certified

(v) Our Offer

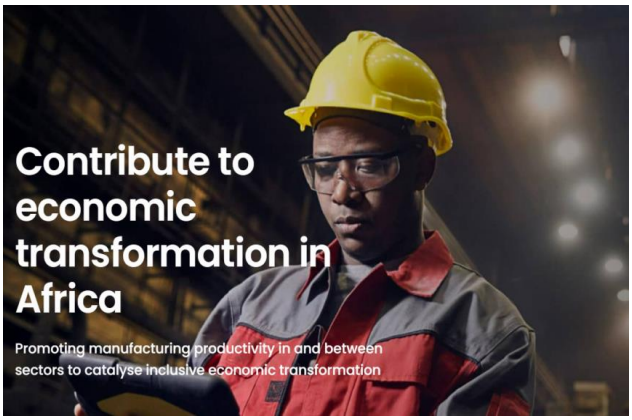
This SySCraft Limited consortium, a leading IT & Renewable Energy & Waste company and the project finance group in Malta, is pleased to state its intention to provide full Technical abilities and funding support, to the fullest extent possible, for the facilities and services being proposed by SyScraft Limited and PSECC Ltd for the Kisumu Waste-to-Wealth Fully Integrated Waste Management Facility plant.

There is an opportunity for the funding route for Kisumu County to be on a Sovereign Guarantee funding basis, similar to that offered by the Central Government Treasury Agreement for the Nairobi waste plant, which is provided on an equity and debt investment basis and interest of between 5% & 6% (but 10% share of earnings of the enterprise will go to Kisumu Government for the funding route), this will be arranged directly by Creditinvest International. Close coordination will be required with the official governmental and financial regulatory bodies in Kisumu to provide assurances in terms of repatriation of funds and earnings, and, in the case of loans, repayments of the loans through the Power Purchase Agreements and selling recycled material and new manufactured goods.

Technology – Circular Economy transition - The technology involved in Waste-to-Energy is constantly evolving such as Gasification and improving, in terms of capability, operability and profitability. As such SyScraft Limited, Creditinvest International & PSECC Ltd and the relevant authorities in Kisumu to evaluate the latest developments, alongside their operating limits and benefits, to establish the optimal solution for the program being funded. SySCraft Limited and Creditinvest International hereby states its intention to fully support the evaluation, selection, implementation, and operations of the programs.

UKaid
from the British people

Manufacturing Africa



Additional assistance to Kisumu will be offered from the UK AID programme “Manufacturing Africa” in order to provide access to their funders in order to set-up Manufacturing plants for the Recycled material from our plants.

Market Design and Demand Intelligence

Partnership for Vaccine Manufacturing

Opportunity and Investment Potential for Electric Vehicles (EVs) in Kenya

Driving sustainable mobility solutions in Nigeria

Health and nutrition investment support

Pioneering Production of Green Construction Materials

Recycled glass - New Glass & Cement floor tiles can be manufactured

Glass & Cement table-tops can be manufactured

Recycled metal made into new products made

Some Recycled Plastic products

Lake Victoria weed control

Governor Anyang' Nyong'o in Kisumu divulged that the Ksh40 million water hyacinth harvesting machine came after his first visit to India in 2018. The governor stated that Godach Marashna and Vinod Kumar, were in the lake-side city to assemble the machine in preparation for its use in Lake Victoria.

"The harvested Water hyacinth can then be used as organic fertilizer, furniture making and methane gas, thus creating jobs for our people to earn an income," he stated.

PSECC Ltd can also offer and fund further technology if required to assist Kisumu in processing this harvested weed into useful products.

(vi) Expected role of Bidder & County Government

Expected role of Bidder

1. Arrange funding letter from Creditinvest International Bankers

2. Design, Build, Finance, Operate and Maintain (the "DBFOM") a Waste Management Recycling & Energy Plant on a Collaboration Agreement basis at an agreed concession period of 20 years for management of Solid Waste. Under this model, the entire investment for Designing, setting up of the Waste Management Plant, including operation and running and maintenance expenditure of the Plant shall be borne by the selected Company / Agency for the entire tenure of the contract/agreement.

   We will supply operate and maintain the facility in compliance with all applicable Government policies, legislation and regulations. The other products such as organics, produced if any, shall be sold or supplied by the Company to other processors on their own choice by the Government. The exact technology chosen will be further discussed with the Government to ensure good compliance with Policy & Strategy to meet Sustainable Waste Management, Circular Economy Transition, assist with National Determines Contributions (NDC's) and Sustainable Development Goals (SGD's). Our plant will enable a transition by Kisumu into the Circular Economy ensuring Zero waste – Zero Landfill dumps, maximum recycling and clean energy generation.

3. Appoint sub-contracting companies for personnel such as drivers and operation staff if required.

4. Our approach - A detailed Feasibility study will be undertaken if we have been chosen as the preferred bidder. We will investigate further the current waste situation in Kisumu, undertake a detailed waste analysis and work with the Government teams to ensure the final technology design company chosen in our consortium meets all the objectives of the Government Policies and Strategies such as the aspirations of your Horizon 2030 and the Kisumu Integrated Solid Waste Management Plan (KISWaMP).

Expected role of County Government

1. To facilitate meetings with our consortium representatives in order to have an input into choices and decisions made on the exact requirements of the Government for such things as Manufacturing plants to be established with the assistance of UK AID “Manufacturing Africa” to process recycled glass, metals, ash and some plastics into new products.

2. To facilitate any Central Government Treasury meeting required for funding purposes.

3. To assist with the Power Purchase Agreement (s) either with Kenya Power Utility company.

4. To maintain a working relationship with our consortium throughout the life of the plant to ensure MSW Feedstock of at least 600 tpd is maintained on a daily basis.

5. The Government will have a 10% Shareholding and profit share in the plant so will be expected to work with us to ensure operational profits are maintained.

6. To assist with making provision of the land to be made available for the plant, preferably in the Special Economic Zone.

7. To provide all TAX incentives suitable for Sustainable Waste Management, Recycling, Renewable Energy Generation and Manufacturing.

(vii) Implementation Plan in Gantt Chart - Integrated Waste Facility

Implementation Action Plan in Gantt Chart – Waste-to-Wealth plant

Development Timeline - Feasibility start August 2023

Begin Date	*End Date*	*Phase*	*Item*	*Duration* (weeks)
1-Aug-23	8-Aug-23	Assessment and Pre-Project & Project Planning	Feasibility - Review technology and facility requirements. Circular Economy requirements, assess the key elements; describe and discuss system details with equipment suppliers; make selection and articulate the results. Funding offer made. The expected outcome is an initial report, preliminary assessment, and pre-project plan for Construction.	1 week– keep reviewing
9-Aug-23	23-Aug-23	Investor Engagement	Investor Engagement and Delivery of Project Overview; Investor Commitment and Funding Requirements.	2 weeks
24-Aug-23	31-Aug-23	Business Planning	Meet with Partners and prepare definitive business plan with financial analysis and pro forma; obtain commitment from primary partners, including EPC Contractor, Fuel Supply, etc.; present investor documents to project investors; engage with Sponsor and Off-taker.	1 weeks ongoing
1-Sep-23		**Incorporation**	**Project SPV company**	**Milestone**
1-Sep-23		**Organization**	**Organizational Meeting of the Partners, Kisumu County**	**Milestone**
1-Sep-23	8-Sep-23		Schedule meeting with Project Sponsor and Off-taker – Kenya Power - ongoing.	1 week ongoing
01-Feb-22		**PPA**	**Power Commitments**	**Milestone**
9-Sep-23	16-Sep-23		KEN Power prepares PPA documents – No Tipping Fee.	1weeks ongoing
17-Sep-23	24-Sep-23	Project Planning	Develop definitive project plan; outline key requirements and schedule; identify roles and responsibilities; determine resources and budgets; map out specifications for facility location; assess site options; determine infrastructure requirements; and develop permit requirements and action plan. The expected outcome is a definitive project plan.	1 week ongoing
25-Sep-23	2-Oct-23		Present document to LCC and execute.	1 week
3-Oct-23	10-Oct-23		Receive notice of availability of funds from Bank.	1 week
15-Oct-23	22-Oct-23		Final Start-Up Activities.	Two weeks
23-Sep-23		**PROJECT START**	**Begin project development**	**Milestone**

A visible presence in November 2023 with Project Start.

A point to note is that as the project finance could be made as early as available in August 2023 if Kisumu can speed the process then 50 new trucks and 100 Gas-powered Rickshaws can be provided to Kisumu to start collection more waste. This waste can be stored in a new landfill site close to the proposed site for the Recycling & Gasification plant and then used in the plant as a feedstock with normal daily generated waste.

July 2023 Through Dec 2023

Begin Date	*End Date*	*Phase*	*Item*	*Duration (weeks)*
23-Sep-23	4-Oct-23	Design	Develop engineering parameters and drawings: assess site layout and select the location of gasifier; integrate the gasifier system with the facility layout and support mechanisms; obtain necessary government approvals and permits; develop infrastructure requirements; approve all designs. Expected outcomes include approved specifications and drawings and approved permits.	2 weeks ongoing
5-Oct-23	19-Oct-23	Design-Build Infrastructure	Engineering and drawings; complete approvals; obtain all permits; place purchase orders on facility-related equipment and materials; produce equipment. Expected outcomes include the delivery of equipment and installation, and the completion of the related supporting infrastructure.	2 weeks ongoing

Sep 2023 Through June 2024

Begin Date	*End Date*	*Phase*	*Item*	*Duration (months)*
20-Sep-23	20-Feb-24	Design-Build	Finalize engineering and drawings; construction complete, approvals; check all permits; place purchase orders on facility-related equipment and materials; produce equipment. Expected outcomes include the delivery of equipment and installation, and the completion of the related supporting infrastructure and build process.	*6* months ongoing
21-Feb-24	01-Mar-24	Commission	Perform start-up procedures; evaluate the performance; link system to grid; test warranty aspects; correct defects and problems; prove the expected performance; finish the commissioning. The expected outcome is a proven and ready to operate facility.	1 month
01-Mar-24		**Commercialization**	**Operate Facility in Commercial mode.**	**Milestone**
01-Mar-24	31-June-24	Contingency	Project Contingency	3 months

July 2024 Through February 2025

Begin Date	*End Date*	*Phase*	*Item*	*Duration (months)*
01-Sep-23		**Commercialize**	**Operate Facility in Commercial mode.**	**Milestone**
01-July-24	01-Oct-24	Contingency	Project Contingency	3 months
02-Oct-24	02-Feb-25	Contingency	Bank Contingency	6 months

Financial Summaries and Estimates

The offer of continued services under a PPA on the part of the Project Company SyScraft to the Project Sponsor, Kisumu County PPP, is detailed below under two scenarios: first with Kisumu keeping the Renewable Energy Certificates (REC's) or (Carbon Credits) to sell on the markets, and second with a discount for the REC's should Kenya PPP or Kisumu determine it better for their bottom line to give them up for the Consortium to sell instead to the markets.

The Total Generation Cost of power offer summarized below and charted in the Pro Forma reflects an all-inclusive fixed, accelerated Generating and O&M price offer. The Bank financing is not included in the PPA pricing between SyScraft and Kisumu County PPP, as the Bank financing is between the Project Sponsor and the Project Investor directly. However, conservatively estimated Kisumu County PPP costs and revenues are included as a convenient point of reference on the financial underpinnings and relevance of the project to Kisumu County PPP's bottom line. Assumptions and calculations are described in the ensuing pages prior to the introduction of the detailed Pro Forma.

Pro Forma

Pro Forma Income Statement listed below include Kisumu power plant SyScraft and Kisumu County PPP net operating revenues from the Project (projected) in two separate statements: first as projected if Kisumu County PPP maintains the Renewable Energy Certificate values; and a second set reflecting Kisumu plant use of the RECs in exchange for a reduced cost of power ($0.03 per kWh). We will need to verify if RECs are valid and permissible in the country of Kenya. The statements are shown by quarter for the first three operating years, and annually from years 4 through year 20 at the end of the contract period.

The following assumptions govern the figures listed in the Pro Forma Income Statements:

Accelerator, Cost of Lease, and General Comments

All income and expenses listed include an accelerator at 2% per year, with the exception of the finance carry costs, which is shown simply as a levelized, estimated cost based on a first-year lease at a cost of capital of 1.5%, pending final discussions between the parties related to the cost of capital and payment terms. Facility Development Costs that are included in the projections reflect a fixed price; turnkey project delivered to KENYA POWER.

Rate and Unit Costs

Energy Sale Price

$0.10 / kWh (based on requested PPA) negotiable to fit with Kenya Power requirements.

Anticipated Cost of Capital

5.5% for Bank

Estimated Transmission Cost $0.06 per kWh

Commercialization

Commercialization is projected to begin in March 2024 assuming a start date triggered by availability of Investor funds are on time.

No Tipping Fee

Summary Pro Forma Downside Case

(90% CONFIDENCE INTERVAL)

RISK FACTORS

Risk Area	Response
Power Prices	**Long-Term PPA – 25 Year power purchase agreement with fixed pricing insulates the Project from all merchant price risk.**
Credit	**Dependent on the credit quality of the Power Purchaser**
Performance	**Significant performance benefits**
	Reputable Vendor
	Warranty
	Power Output Guarantee
Late Completion	**Guaranteed Delivery Date – The Project provides for a feasible and achievable time period marked by a Date Certain and enhanced by additional Lease Contingency funds provided by Investor.**
Cost Overruns	**Fixed Price on Facility Cost and Delivery of Services**
Operating Expenses	**Warranty Maintenance and Service Agreement**
Casualty, Loss, Failure of Equipment or FM Event	**Property Insurance – The Project will purchase property insurance**
	Business Interruption Insurance – The Project will have business interruption insurance covering casualty and force majeure events

Compelling Reasons

Sustainable power generation endeavors to systematically eliminate negative impacts by identifying and avoiding questionable products, processes, and/or activities, preventing impacts whenever possible, and mitigating all negative aspects to the extent possible. The primary focus is on using safe and effective resources and technologies that lead to sustainable solutions through proper resource usage, process efficiencies, resource recovery, and waste minimization. Resource usage and the efficiencies of the processes are primary considerations because upstream inputs have dramatic implications on downstream activities and outcomes. The ideal process would convert inputs into outputs without any wastes; therefore, resource utilization would be the most efficient. Increasing efficiency, effectiveness, performance, and benefits and decreasing defects and burdens are the critical factors in sustaining growth and business value.

KEY PROJECT STRENGTHS

✓ ***Reliable Recycling & Baseload Electric Power***

✓ ***Zero Waste Fuel Process***

✓ ***Alleviates Landfill Pressures***

✓ ***Strong Project Economics***

Lessee's bottom line on its financial statement improves dramatically due to a low cost of funds, as Lessee expenses out interest paid to Bank

- and depreciation, which is significantly less than expensing out the entire lease payment under an Operating Lease.

✓ ***Renewable Energy Certificates (REC's)***

- Qualifies for compliance RECs in Kenya (Carbon Credits?)

✓ ***Leading Technology and Manufacturer Support***

- All in one package managed by seasoned engineering professionals minimizes development inefficiencies and enhances product quality
- Plant designed for performance, positioning the plant for optimum operations
- Efficiencies optimized in the balance of plant increases performance potential and lowers operating costs

✓ ***Favorable Asset Treatment***

In addition, the improvement of Lessee's bottom line (as described above), if held as "Retained Earnings" or "Increase of Net Assets", improves the Balance Sheet even further.

SySCraft
INFINITE POSSIBILITIES

Portsmouth Sustainable Energy & Climate Change Centre

PSECC Ltd
39 Woodhay Walk,
Havant,
Hampshire,
PO9 5RD
UK

County Secretary,
County Government of Kisumu,
P.O. Box 2738-40100
Kisumu

Date: 28th June 2023

Reference: EOI NO.CGK/ENVR/2022-2023/002 - Waste-to-Wealth plant – Support companies

Dear County Director

The companies below wish to enguage on the Kisumu County Waste-to-Wealth plant.

SysCraft Limited (the Bidder), Creditinvest Internationa (Fudner), PSECC Ltd (Consultants) and Sarralle (EPC Company) and our other potential

SyScraft Limited will be the project lead company in Kenya for the Waste-to-Wealth plant.

SyScraft Limited signature:

SARRALLE
UNTA LACHARAGA ELORZA
Date: 02/06/2022
Signature: sarralle
PSECC Ltd Mr Alan Brewer MSc Director
Date: 02/06/2022
Signature:

Respectfully yours,

Avery Knox

Avery Knox
President & CEO

Alset Power Inc.

CONTRACTOR TEAM AGREEMENT

BETWEEN

Creditinvest International, PSECC Ltd (UK), Alset Power Company Inc (USA) & Sarralle (Spain)

AND

SyScraft Limited (Kenya)

Parties

This CONTRACTOR TEAM AGREEMENT ("Agreement"), dated June 2, 2022, is made by and between Symon Meyo of SyScraft Limited ("Developer lead company") and the Contractor delivery team Alan Brewer, Director of PSECC Ltd, Avery Knox, President & CEO of Alset Power Company Inc and Rubén González, Business Development at Sarralle.

In consideration of the mutual promises and covenants in this Agreement, all parties have agreed to work together of which the receipt and sufficiency are hereby acknowledged, the Parties further agree to the terms as follows: To provide all development, construction, technology provision of Recycling & Gasification WTE and funding for a 600 tpd MSW Waste-to-Wealth plant in the Ombeyl Ward, Muhoroni Sub County, Kisumu, Kenya.

Services Provided

The Contractor Sarralle agrees to EPC ("Services") and provision of all steel materials for the plant, Furthermore, PSECC Ltd will act along with SySCraft to Project Management Services, SySCraft will also arrange all funding for the project with no requirement for Government monies. Alset Power Company Inc will make provision of the Gasification technology and will act in other development services such as working with the technology owners to see a successful installation of the Gasification plant.

The following will be the roles Syscraft Limited will undertake in consultation with all the Partners:

1. Prime bidder backed by all Consortium Partners
2. Local liaison and implementation Partner
3. Local strategic advisor and project coordinator
4. Provide technical resources in Information Technology related matters
5. Provide all local support services including local subcontracting whenever required

Terms and Conditions (Continued)

- **TERM**
  This Agreement will be effective starting June 06, 2022, and will continue in full force until its termination date, which is expected to be February 28, 2025, when the Waste-to-Wealth plant is operational ("Term"). The Agreement may be terminated earlier if the services are completed before the termination date.

- **PAYMENT**
  The Parties agree that payment should be made in staged equal instalments. Full details of payments will be made on start of the project.

- **RELATIONSHIP BETWEEN PARTIES**
  All parties agree to work together to achieve a successful project. A further in-depth Teaming Agreement will be complied once we have been designated as the preferred Bidder.

- **CONFIDENTIALITY**
  The information discussed in this project and Agreement and in person will remain confidential and proprietary among the Client and Contractors.

- **ENTIRE AGREEMENT**
  This entire Agreement is governed by the state laws of Kenya and shall bind the Parties until its termination. All signatures below have been arranged and provided to PSECC Ltd.

Signatures

EPC

SARRALLE
UNAI LARRAÑAGA ELORZA
Date: 02/06/2022
Signature: sarralle ENGINEERING

Avery Knox

Avery Knox
President & CEO

Gasification Technology

PSECC Ltd
Mr Alan Brewer MSc Director
Date: 02/06/2022
Signature:

SyScraft Limited

Consultants

PSECC Ltd Company No. 10652586
39 Woodhay Walk
Havant
Hampshire, PO9 5RD United Kingdom

Certified

END