



# Beyond the Smoke

## The Clean Cooking Revolution Transforming Kitchens and Lives



*By Dr Faith Wandera & Myra Mukulu*

Kenya's modern and clean cooking story began in the 1950s when the first biogas digester was installed but widespread adoption by households was limited until government initiatives like the Special Energy Programme (SEP) in 1980s and later programs like the Kenya National Domestic Biogas Programme (KENDBIP)

significantly boosted installations to an estimated **21,000 digesters** by leveraging efforts from both public and private sectors. Simultaneously, Kenya has implemented robust woodfuel management strategies, including supply-side interventions through tree planting programs and demand-side solutions such as promoting improved cookstoves like the Kenya Ceramic Jiko (KCJ) and Maendeleo Jiko, which significantly enhance fuel efficiency and are now widely available through various private sector manufacturers. Developments have been realised through government, development partner and private sector initiatives promoting a wider array of cooking solutions including Liquefied Petroleum Gas (LPG) stoves, ethanol stoves, gasifier stoves, briquettes, pellets and electric pressure cookers.

Adoption of clean cooking saves lives, conserves the environment and improves livelihoods. Whilst there is a wider menu of solutions on offer,

# 71.5%

**Urban areas households use clean fuels**

Kenya is yet to realise its dream of ensuring that its entire populace has access to clean cooking solutions. Data from the Kenya Housing Survey 2023/24 shows that **34.4%** of Kenyans use clean fuels predominantly LPG. **6%** of households rely on unclean fuels – firewood and charcoal. The data was further disaggregated into rural and urban areas which showed **88.9%** of rural households rely on unclean fuels with only **11.1%** using clean fuels. The situation is better in urban areas where **71.5%** of households use clean cooking solutions and **28.5%** utilise unclean cooking solutions.

Use clean fuels	<b>34.4%</b>
Rely on unclean fuels	<b>6%</b>
Rural households rely on unclean fuels	<b>88.9%</b>
Rural households using clean fuels	<b>11.1%</b>
Urban areas households use clean fuels	<b>71.5%</b>
Urban areas households use unclean fuels	<b>28.5%</b>

	Clean								Unclean								Number of Households	
	Electricity connection from main grid (KPLC)	Electricity connection from a mini grid (private)	Electricity connection from generator	Electricity connection from a solar system/ panels	Bio-gas	LPG (gas)	Ethanol	Sub Total	Firewood and products of wood	Processed biomass (pellets) or wood-chips	Char-coal	Agricultural crop residue	Animal dung/ waste	Not Applicable	Paraffin/ Kerosene	SubTotal		Other
Kenya	1.3	0.0	0.0	0.2	0.4	30.7	1.8	34.4	53.4	0.1	10.8	0.1	0.0	0.7	0.3	65.4	0.2	13,886,126
Rural	0.7	0.0	0.0	0.3	0.3	9.6	0.2	11.1	81.1	0.1	6.9	0.1	0.0	0.6	0.1	88.9	0.0	8,519,926
Urban	2.3	0.0	0.0	0.1	0.6	64.2	4.4	71.5	9.4	0.0	16.9	0.0	0.0	0.9	0.7	28.0	0.5	5,366,201

In terms of counties, the survey found that Nairobi, Kiambu, Kajiado, Mombasa and Uasin Gishu lead in households that are the top counties primarily relying on clean cooking solutions with all recording higher than **40%**. On the other hand, Mandera, Wajir, Garissa, Turkana, Marsabit and Tana River are the top counties lagging with less than 6% of their households primarily relying on clean cooking solutions. It is important to note that the counties lagging in access include the **14 underserved** counties where the Kenya Off Grid Solar Access Project is promoting clean cooking. These are Garissa, Isiolo, Kilifi, Kwale, Lamu, Mandera, Marsabit, Narok, Samburu, Taita Taveta, Tana River, Turkana, Wajir, and West Pokot.

In recognition of the access gaps, the Government of Kenya set a goal to achieve Universal access to clean

cooking solutions by 2030. Further,

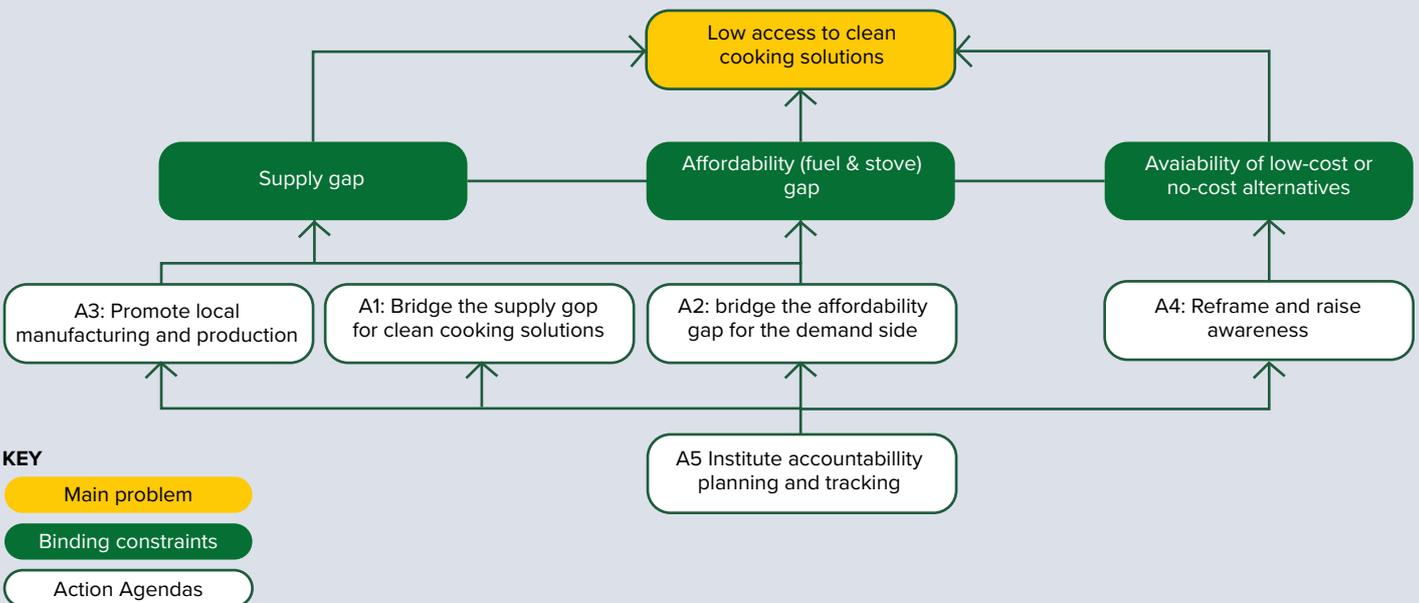


clean cooking is recognized in the Energy Transition and Investment Plan (ETIP) as one of the most promising decarbonization pathways, capable

of contributing to **28%** of emission reductions while requiring only **10%** of the total investments needed for the broader energy transition. This highlights clean cooking as a cost-effective and impactful strategy for climate action.

The Kenya National Cooking Transition Strategy (KNCTS) of 2024 -2030, which is anchored in the National Energy Policy (2018-under revision) constitutes the national blue-print for clean cooking. Other strategies supporting the KNCTS include the Bioenergy Strategy, the Bioethanol Masterplan, the LPG Growth Strategy, Electric Cooking Strategy, Behaviour Change and Communication Strategy, Knowledge Management Strategy and the Consumer and Enterprise financing strategy.

The KNCTS outlines 5 action agendas to ensure universal access to clean cooking as illustrated below:



It is expected that with the implementation of these actions, clean cooking solutions access will improve leading to universal access as stipulated in the national goal for clean cooking. The goal is to achieve universal access

to clean cooking by 2030. Specifically, it is expected that the utilization of LPG which is being promoted as a transition fuel will improve from **30.7%** currently to **50%** bioethanol from **1.7%** to **30%**, electric cooking from **1%** to **10%**, and

biogas from less than **1%** to **3%**. It is expected that **7%** of the households will utilize low emission/clean burning sustainable biomass such as briquettes and pellets.

## Driving Sustainable Cooking Solutions in Kenya



As mentioned earlier, the KOSAP counties lag in access to clean cooking solutions. The Government is addressing this challenge through collaboration with the World Bank to champion cleaner cooking solutions under the Kenya Off-Grid Solar Access Project (KOSAP). Since 2020, KOSAP has been working with the private sector through a Clean Cooking Solutions Results-Based Finance (CCS RBF) Facility. Under this facility, funds are advanced to clean and improved cooking solution providers to expand their supply chains in the KOSAP counties. In recognition of the low purchasing power of the households, a 50% subsidy on the retail price has been provided to households since September 2024.

The CCS RBF Facility which is managed by SNV Netherlands on behalf of the Ministry, has recorded sales of over 22,000 clean cooking solutions since 2020 against a target of 60,000. As this is an RBF facility, so far over

**Beyond environmental benefits, the project also fostered substantial job creation, generating 2,194 full-time equivalent jobs (45% held by women), exceeding its target of 1,980 jobs by 111%.**

12,486 sales have been verified as sold and verification of the remaining sales is ongoing. To redouble the efforts to achieve the sales target, a clean cooking campaign will soon be launched across the 14 counties.

The State Department for Energy, in collaboration with GIZ, has significantly advanced sustainable cooking solutions in Kenya through the GCF Climate Friendly Project, active from 2020 to 2025. This initiative played a pivotal role in professionalizing the improved cookstove value chain, dramatically increasing the number of business-class producers from 2 to 22 and professional-class producers from 26 to 62.

The project's impact is evident in its impressive sales figures, with

2.2 million improved cookstoves sold during its tenure. This directly contributed to Kenya's Nationally Determined Contributions (NDC) targets, achieving a greenhouse gas (GHG) emission reduction of 2,213,135 tCO<sub>2</sub>eq against a cumulative target of 5,390,000 tCO<sub>2</sub>eq.

Beyond environmental benefits, the project also fostered substantial job creation, generating 2,194 full-time equivalent jobs (45% held by women), exceeding its target of 1,980 jobs by 111%. Furthermore, the project facilitated greater financial inclusion within the sector, increasing the number of entrepreneurs accessing finance from 2 to 10.

## PORTRAITS OF SUCCESS

# From Smoke to Safety: How a Simple Stove Brought a Fresh Breath of Air in Lamu County

Ms Lucy Kanana, 29, from Mokowe, Lamu county usually started off her morning with loud irritating coughs. This happened every time she lit her charcoal jiko to prepare breakfast. But that has turned into a happy sojourn ever since she acquired Jikokoa, an improved charcoal jiko.

Ms Kanana says her traditional jiko consumed a lot of charcoal to keep it alight. It would then take a long time to cook meals and she had to add charcoal often to keep it alight. Every time she added charcoal, Ms Kanana had to take her Jiko outside to reduce the amount of carbon dioxide circulating within her one roomed house.

But this changed when she visited Mokowe town for her regular shopping and interacted with sales representatives from D.light who were doing market activation for improved energy saving stoves. “I got interested when I saw them cooking foodstuffs using an improved jiko. It was using very little charcoal and meals were cooked in a very short period.

There was also no smoke coming out from the jiko,” Lucy says.

Lucy was so impressed by Jikokoa that she paid cash for her unit. So far, she is a very happy client and describes Jikokoa as godsend. She adds it uses locally sourced charcoal, lights easily and emits less smoke making it suitable for use within the house.

**“I was given a one-year warranty which we signed at the shop. I have the copy with me.**

This allows me to return the improved jiko for repairs or even replacement in case it develops any problem”. She adds.

During her local meetings with fellow women, Ms Kanana takes the opportunity to sensitise her peers on the dangers of toxic fumes from jikos, and offers them easy and locally available solutions that she has says has changed her life for the better.

## PORTRAITS OF SUCCESS

# Lighting Lives, One Stove at a Time: Clean Cooking Gains Momentum in Kenya's Off-Grid Regions



**People living across off-grid areas in 14 counties are experiencing a technological revolution following the introduction of clean cooking solutions, through the Kenya Offgrid Solar Access Project (KOSAP).**

**A**mong the healthy and happy people is Ms Tina Tito, a self-employed resident of Kone Village in Mikinduni, Tana River County.

She learned about Biolite Ecozoom jiko during a visit to Equity Bank in Hola Town where she found improved cook stoves on display. "The bank salesman convinced me and my husband about the benefits of the stove and we purchased the product," said Mrs. Tito.

"The stove uses very little charcoal, cooks faster and lights longer before dying off. The stove has very little smoke and is fitted with plastic foot pads hence

does not destroy the floor surface. When using charcoal, I prefer this jiko stove over the ordinary one", added Mrs Tito.

Though she has acquired other cooking solutions in the past, the energy saving jiko remains her favourite as she has access to the traditional three stone fireplace and a regular charcoal jiko, that is hardly used nowadays.

Ms Tina says she was elated to learn the improved jiko the stove came with a warranty and was glad the seller had a physical store where they could seek any aftersales service in case the need arises.

At first, the stove used to light slowly but I

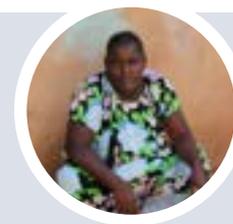
have learned to shake off the ash and not to fill charcoal to block the air holes and it now serves me well. Besides that, I have not encountered any other challenges," says Ms. Tina.

The mother of three, has become a practical ambassador for the brand since visiting neighbours and her guests are awed by her jiko that consumes less charcoal and emits less smoke than the traditional charcoal stove. She has referred three of her neighbours to the Hola improved jiko shop where she also benefited from firsthand training on how to light and maintain the improved jiko.

## PORTRAITS OF SUCCESS

# A Husband's Gift That Transformed His Home: The Power of a Clean Cookstove

**A surprise purchase of an efficient jiko by Mr Rodgers Mbegah, a resident of Kwale County for his 28-year-old wife, Monica Juma has re-affirmed his position as head of his home.**



Ms Mbegah, who runs a small dressing making store at Kinarini Matuga Subcounty in Kwale, says she had time and again complained of incessant, irritant and severe coughs among her children and herself, largely blamed on the charcoal smoke.

The Mbegah family bought medicine to address the problem after some time the children suffered a relapse that was stronger than the earlier one. She opted to cook early so as to reduce using the clay-modelled firewood jiko within the house at night when children are having supper or studying in their main house.

Mr Mbegah, who is an ardent environmentalist

first heard of the energy during a regular chief's baraza and he immediately enrolled for the program that introduced clean cooking solutions to the area.

"My husband surprised me with a Jikokoa energy saving jiko from Burn Manufacturers that uses less charcoal, burns efficiently and takes little time to cook food," she says.

Comparing her experience of the two jikos, Ms Mbegah noted that, "the clay-modelled jiko uses a lot of charcoal and is cumbersome to light in comparison to the modern jiko purchased in Kwale town from Sunking Vendors, at a one-off price of KES 3,999. I can adjust and control the

amount of air entering the jiko koa stove hence heat is moderated at will hence using less charcoal to cook food."

According to Mrs. Mbegah, her family of six has experienced the benefits of the jiko first hand as less time is used to prepare food, and they enjoy family time sitting in the kitchen exchanging niceties.

The modern jiko has also proven durable as it was bought more than two years ago and it is still intact. "Since it uses less charcoal it provides value for money and I would advocate for my neighbors and friends to buy these energy-saving jikos." Ms Mbegah concluded.

**PORTRAITS  
OF SUCCESS:**

# Financing Clean Cooking: How KOSAP Is Powering a Cooking Revolution

**K**enya Off Grid Solar Access Project's key objective is to expand market reach for companies selling clean cookstoves to the remotest areas of our country. This has provided a great opportunity for communities living in such areas with no access to different cooking solutions but firewood and charcoal.

Ms Ann Lenturkan from Lporos Village, Milimani Location in Samburu County is one of the early beneficiaries of locally available cooking products. "This has been one of the best decisions I have made and it has transformed my cooking experience. Before, I used to buy one drum of makaa (charcoal) at KES 150 for only two days but since I bought this EcoZoom jiko, I now use the same drum for 5 days, which saves me a lot of money."

Ms Lenturkan says due to her meagre resources, she received financial support from Equity Bank to purchase the improved

**Ms Lenturkan adds that her clean cooking stove is efficient and reduces fuel consumption by upto 50%**

cookstove at KES 5,000 and she repaid the loan in four equal installments.

Other associated benefits are faster cooking time and reduced harmful carbon emissions by 60 percent. She adds, she rarely buys respiratory drugs that she used to purchase to suppress consistent and irritant coughs that usually left her breathless.

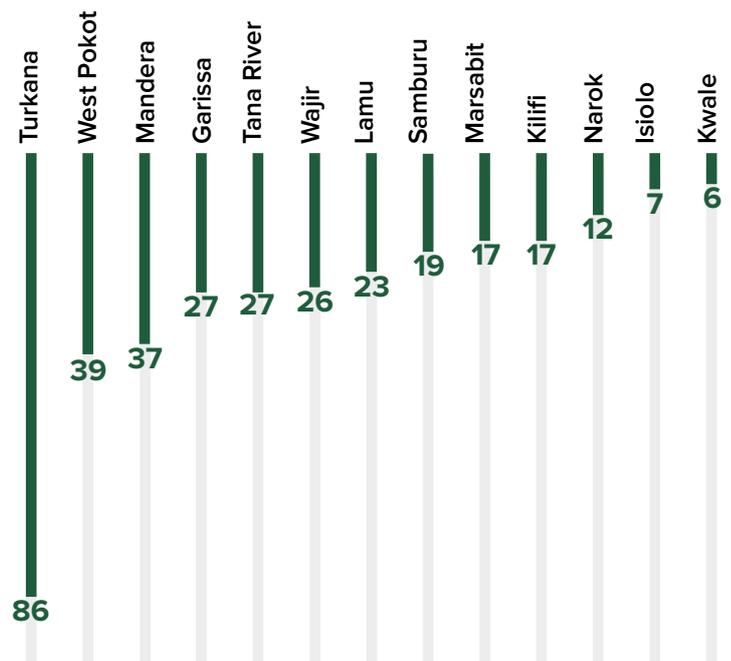
Ms Lenturkan noted, "Before I had to cook in a makeshift kitchen outside my house and that exposed me to perils of the weather. But now I securely cook in the main house and all I have to do is to open my window to improve airflow. I now cook faster, inside my house without worrying much about the smoke." She recalls.

Equity Bank is one of the companies that benefited from the KOSAP Results-Based Facility that provides incentives to clean cooking companies to set up businesses in the underserved counties of the country.

"I have told my friends and neighbours to buy the jiko so that they can enjoy the benefits like I am doing," a happy Ms. Lenturkan reiterated.

# KOSAP project updates

The 114 mini-grids are set to be constructed in 12 counties as follows:



Number of public facilities in each of the counties

# DID YOU KNOW?

## THE HIDDEN DANGERS OF JIKO SMOKE: WHAT EVERY HOUSEHOLD SHOULD KNOW



### What is Carbon Monoxide Poisoning?

#### Invisible Threat:

Carbon monoxide (CO) is a colourless, odourless gas, making it virtually impossible to detect without a monitor.

#### Life-Threatening Effects:

Inhalation of carbon monoxide impairs the blood's ability to carry oxygen. Symptoms range from headaches, fatigue, and dizziness to loss of consciousness, coma, and death, particularly in poorly ventilated environments.

#### Common Source:

The burning of charcoal in traditional jikos, especially indoors or in enclosed spaces, is a major source of carbon monoxide exposure.

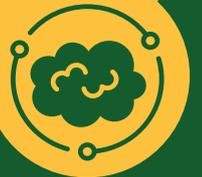
### Other Toxic Fumes beyond Carbon Monoxide:

#### Particulate Matter:

Jikos release fine particles that can irritate the respiratory tract, increase mucus production, and trigger respiratory infections and inflammations.

#### Harmful Gases:

Besides carbon monoxide, traditional jikos emit toxic gases like nitrogen oxides and sulphur oxides, which are linked to increased risk of cancer, cardiovascular diseases, and respiratory complications.



### Health Effects of Indoor Air Pollution:

#### Short-Term Effects:

Short-term exposure causes eye irritation, sore throats, coughing, nausea, and dizziness.

#### Long-Term Effects:

Long-term exposure to indoor air pollution from jikos increases the risk of chronic respiratory illnesses such as asthma, bronchitis, and pneumonia, particularly in children under five and women.

### Vulnerable Groups:

Women and children are particularly vulnerable to the negative health impacts of indoor air pollution as they often spend extended hours near the cooking area. Children's developing lungs are especially sensitive to toxins in smoke.

### Mitigation Strategies for Safer Cooking:

#### Ensure Proper Ventilation:

Always use jikos in open or well-ventilated areas. Avoid using charcoal stoves indoors without adequate airflow to prevent the risk of carbon monoxide poisoning.

#### Switch to Improved Cookstoves:

Use energy-efficient cooking stoves like EcoZoom, Jikokoa, and the Lorena stove, which burn fuel more cleanly, reducing smoke and harmful emissions by up to 60%.

#### Educate and Empower Communities:

Raising awareness of the health risks of traditional stoves and training communities on safe cooking practices is key to changing habits and reducing preventable illness.

# Jobs and investments Galore as Kenya's Race Toward Universal Access to Clean Cooking by 2028



The clean cooking solutions industry is fast evolving into a vibrant subsector largely driven by residents keen on improving their wellbeing and local manufacturers cashing in on this new demand. This subsector has also received a major push following the Kenya Off-grid Solar Access Project (KOSAP) partnership with **17 energy saving jiko manufacturers** to promote uptake in **14 counties** classified as marginalised (low income communities).

The sector has received a major boost through the Kenya Off-grid Solar Access Project (KOSAP), which has partnered with **17 energy-saving cookstove** manufacturers to increase uptake across **14 marginalized counties**, identified as low-income and underserved.



## A Booming Value Chain & Job Creator

The expanding clean cooking value chain is creating jobs across the board from skilled artisans and technicians manufacturing stoves to semi-skilled and non-skilled youth working in distribution, retail, and after-sales service. Many of the recruited youth have received industrial-scale training and are now employed in Kenya's clean energy enterprises or supporting markets across East Africa.

## Beyond Manufacturing: A Robust Ecosystem

Alongside local manufacturing, some companies import certified clean cookstoves for resale via local stores. To fast-track adoption, KOSAP is working with County Renewable Energy Officers and local chiefs to lead sensitization drives on the health and environmental risks of traditional cooking methods.

## Cleaner Fuel through Local Innovation

Kenya is also embracing innovative biomass fuels made from farm waste like rice husks, sugarcane bagasse, coconut shells, and macadamia nutshells. These clean briquettes are being produced, packaged, and sold through mainstream retailers, offering affordable and eco-friendly alternatives to traditional charcoal. They burn longer, produce less ash, and emit significantly less smoke—reducing pressure on forests and curbing indoor air pollution.

## Reducing Emissions, Unlocking Carbon Credits

As adoption increases, the environment is the biggest winner. Lower emissions mean Kenya can generate carbon credits, which can be traded with companies looking to offset their carbon footprints. Local businesses are also being positioned to develop, manage, and benefit from these carbon markets.



**Ambitious Goal:**  
**60,000**  
Stoves

KOSAP's goal is to support the sale of **60,000** improved cookstoves by December 2025. To this end, local entrepreneurs are being trained in marketing, while community health promoters and vernacular radio stations help spread awareness on the benefits of clean cooking.

This awareness has inspired new microenterprises such as local craftsmen who refurbish old energy-efficient jikos—offering repairs at an affordable fee and extending their useful life.



## Kenya's Drive for Clean Cooking:

# Policy, Awareness, and Innovation

**T**he State Department for Energy, in close partnership with the Clean Cooking Association of Kenya, is actively championing clean cooking solutions across the nation. This collaborative effort came to life during the Clean Cooking Week held between August 26th to 28th in Kilifi County.

Key initiatives include the development of County Energy Plans, Policies, and Regulations, tailoring strategies to local contexts. Awareness campaigns are reaching communities through diverse channels, including Below-the-Line and Above-the-Line promotions, robust social media engagement, and the recognition of excellence through clean cooking awards. An annual highlight is the Clean Cooking Week, hosted in different counties each year to maximize impact.

Beyond awareness, significant strides have been made in strengthening the enabling environment for clean cooking. This includes the formal recognition of clean cooking as a key development sector within the revised Energy Policy, along with enhanced regulation of the biofuels sector. A dedicated Clean Cooking Implementation Unit is proposed within the draft policy to coordinate the execution of the KNCTS. Furthermore, the country's stove testing capacity has seen remarkable growth, expanding from a single center at the Kenya Industrial Research and Development Institute to five. These additional testing facilities are located at the Strathmore Energy Research Centre, Dedan Kimathi University of Technology, and two Energy Centres under the Rural Electrification and Renewable Energy Corporation, ensuring rigorous quality

control and innovation in clean cooking technologies.

Other collaborations with GIZ Energising Development (EnDev), Africa Biogas Component (ABC), SNV and other partners include the promotion of higher tier cooking solutions such as electric cooking, biogas technology and bioethanol; productive use of energy, and electricity access powered by renewable energy for small scale applications. This includes supporting an ongoing study to inform the development of an ecooking tariff.

**Kilifi County hosted the 2025 Clean Cooking Week between 26<sup>th</sup> and 28<sup>th</sup> August.**

*For more information regarding KOSAP, contact KOSAP Facilities Manager : Email: [enquiries@kosap-fm.org](mailto:enquiries@kosap-fm.org); website [www.kosap-fm.org](http://www.kosap-fm.org)*

## The Clean Cooking Week 2025 in Pictures

The Clean Cooking Week 2025 event in Kilifi focused on promoting clean cooking strategies and county energy plans under the theme “Transformation, Inclusivity, and Empowerment.”



Exhibitors promote sale of their energy saving products to Kilifi Residents



Dr. Engineer Joseph Oketch, Director, Electricity and Renewable Energy at the Energy and Petroleum Regulatory Authority (EPRA) makes his point at a clean cooking panel.



Her Excellency, First Lady Mrs. Rachel Ruto was in Kilifi where she emphasised the importance of adopting clean cooking technologies for better health



Dignitaries, among them Her Excellency, First Lady Mrs. Rachel Ruto (middle), Cabinet Secretary for Energy and Petroleum of Kenya Opiyo Wandayi (Right) and Kilifi Governor Gideon Mung'aro (left) arrive for the opening ceremony



*Her Excellency, First Lady Mrs. Rachel Ruto (in blue dress) accompanied by Cabinet Secretary for Energy and Petroleum Opiyo Wandayi(Right) and Kilifi Governor Gideon Mung'aro(left) listen to an energy saving stove exhibitor in Kilifi*



*Her Excellency, First Lady Mrs. Rachel Ruto (Left) and Cabinet Secretary for Energy and Petroleum of Kenya Opiyo Wandayi(Right), look on as Kilifi Governor Gideon Mung'aro prepares a meal using an energy saving stove*



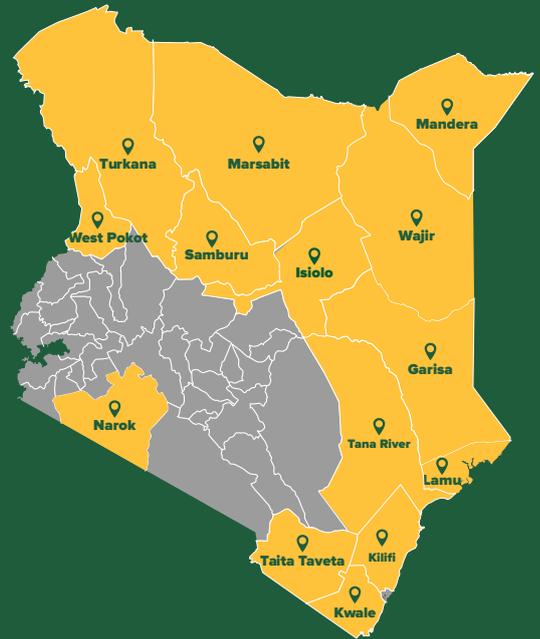
*Kilifi Deputy Governor Dr Florence Chibule makes her points during the event.*



### Solar Service Providers participating in KOSAP



### Clean Cooking Service Providers participating in KOSAP



#### MARSABIT

BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
BBOX CAPITAL KENYA  
GREENLIGHT PLANET KENYA  
STARTIMES MEDIA COMPANY  
LJOS COMPANY  
BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
BURN MANUFACTURING  
ELCOM NETWORKS  
EQUITY BANK  
ROKIM KENYA  
SUNVINE AFRICA

#### ISILOLO

BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
BBOX CAPITAL KENYA  
GREENLIGHT PLANET KENYA  
STARTIMES MEDIA COMPANY  
LJOS COMPANY  
BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
BURN MANUFACTURING  
ELCOM NETWORKS  
EQUITY BANK  
JAMBO CAPITAL INITIATIVE  
M-GAS  
NGECE RINJEU FOUNDATION  
ROKIM KENYA  
SUNVINE AFRICA  
WISDOM ENERGY

#### WAJIR

SOLAR PANDA KENYA  
D.LIGHT  
GREENLIGHT PLANET KENYA  
STARTIMES MEDIA COMPANY  
SOLAR PANDA KENYA  
D.LIGHT  
BURN MANUFACTURING  
EQUITY BANK

#### TURKANA

SOLAR PANDA KENYA  
D.LIGHT  
BBOX CAPITAL KENYA  
GREENLIGHT PLANET KENYA  
ENGIE ENERGY ACCESS  
ACCESS AND MOVE  
STARTIMES MEDIA COMPANY  
MEGAWATT INGENIERIA  
LJOS COMPANY  
SOLAR PANDA KENYA  
D.LIGHT  
BURN MANUFACTURING  
EQUITY BANK  
NYALORE IMPACT  
RAFODE RENEWABLE ENERGY  
ROKIM KENYA  
SUNVINE AFRICA

#### WEST POKOT

SOLAR PANDA KENYA  
D.LIGHT  
BBOX CAPITAL KENYA  
GREENLIGHT PLANET KENYA  
ENGIE ENERGY ACCESS  
ACCESS AND MOVE  
STARTIMES MEDIA COMPANY  
MEGAWATT INGENIERIA  
LJOS COMPANY  
SOLAR PANDA KENYA  
D.LIGHT  
BURN MANUFACTURING  
EQUITY BANK  
NYALORE IMPACT  
RAFODE RENEWABLE ENERGY  
ROKIM KENYA  
SUNVINE AFRICA  
WISDOM ENERGY

#### SAMBURU

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D.LIGHT  
BBOX CAPITAL KENYA  
GREENLIGHT PLANET KENYA  
STARTIMES MEDIA COMPANY  
LJOS COMPANY  
BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
BURN MANUFACTURING  
ELCOM NETWORKS  
EQUITY BANK  
ROKIM KENYA  
SUNVINE AFRICA  
WISDOM ENERGY

#### MANDERA

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STARTIMES MEDIA COMPANY  
SOLAR PANDA KENYA  
D.LIGHT  
BURN MANUFACTURING  
EQUITY BANK

#### GARISSA

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GREENLIGHT PLANET KENYA  
STARTIMES MEDIA COMPANY  
BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
BURN MANUFACTURING  
EQUITY BANK  
NGECE RINJEU FOUNDATION  
NAGOYA HOLDING

#### TAITA TAVETA

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D.LIGHT  
BBOX CAPITAL KENYA  
GREENLIGHT PLANET KENYA  
ENGIE ENERGY ACCESS  
ACCESS AND MOVE  
STARTIMES MEDIA COMPANY  
MEGAWATT INGENIERIA  
LJOS COMPANY  
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ELCOM NETWORKS  
EQUITY BANK  
HUNKAR TRADING COMPANY  
M-GAS LIMITED  
ROKIM KENYA  
SUNVINE AFRICA

#### TANA RIVER

BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
BBOX CAPITAL KENYA  
GREENLIGHT PLANET KENYA  
STARTIMES MEDIA COMPANY  
LJOS COMPANY  
BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
BURN MANUFACTURING  
EQUITY BANK

#### LAMU

BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
BBOX CAPITAL KENYA  
GREENLIGHT PLANET KENYA  
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SOLAR PANDA KENYA  
D.LIGHT  
BURN MANUFACTURING  
EQUITY BANK  
M-GAS

#### KILIFI

BREHERT INVESTMENT  
SOLAR PANDA KENYA  
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BBOX CAPITAL KENYA  
GREENLIGHT PLANET KENYA  
ENGIE ENERGY ACCESS  
ACCESS AND MOVE  
STARTIMES MEDIA COMPANY  
MEGAWATT INGENIERIA  
LJOS COMPANY  
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BURN MANUFACTURING  
ELCOM NETWORKS  
EQUITY BANK  
HUNKAR TRADING COMPANY  
M-GAS  
NAGOYA HOLDING  
ROKIM KENYA  
WISDOM ENERGY

#### NAROK

BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
BBOX CAPITAL KENYA  
GREENLIGHT PLANET KENYA  
ENGIE ENERGY ACCESS  
ACCESS AND MOVE  
STARTIMES MEDIA COMPANY  
MEGAWATT INGENIERIA  
LJOS COMPANY  
BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
GREENLIGHT PLANET KENYA  
BURN MANUFACTURING  
EQUITY BANK  
JAMBO CAPITAL INITIATIVE  
M-GAS  
NAGOYA HOLDING

#### KWALE

BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
BBOX CAPITAL KENYA  
GREENLIGHT PLANET KENYA  
ENGIE ENERGY ACCESS  
ACCESS AND MOVE  
STARTIMES MEDIA COMPANY  
MEGAWATT INGENIERIA LTD  
LJOS COMPANY LTD.  
BREHERT INVESTMENT  
SOLAR PANDA KENYA  
D.LIGHT  
GREENLIGHT PLANET KENYA  
BURN MANUFACTURING  
ELCOM NETWORKS  
EQUITY BANK  
HUNKAR TRADING COMPANY  
M-GAS  
NAGOYA HOLDING  
ROKIM KENYA  
SUNVINE AFRICA  
WISDOM ENERGY