



INFRASTRUCTURE FOR OPPORTUNITY

for the complex human needs
of people living in slums





Worldwide, Over a Billion People Live in Slums

that number will double by 2030

SOURCE: UN Habitat



Life in slums is defined by **lack of basic water, sanitation, and energy infrastructure.**

These conditions fuel rampant social and health problems and accelerate **the vicious cycle of extreme poverty.**

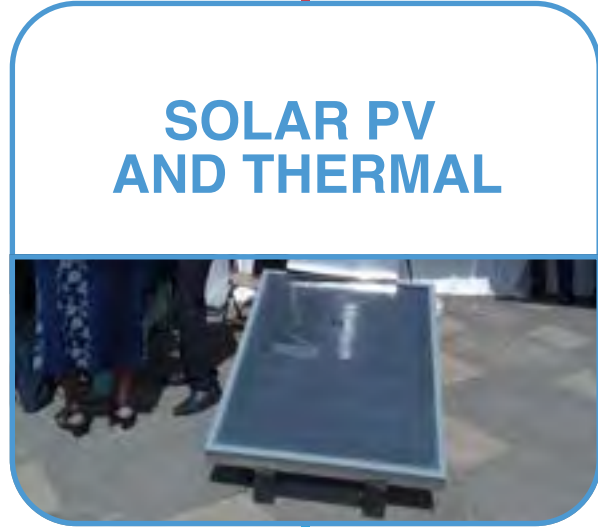




**We are
pioneering
a new model
for international
development**



**HNP's social enterprise
model is markedly
different from the status
quo for aid-based
service provision in
informal settlements**



Community Town Center

A One-Step Solution

One platform for success anywhere

BASIC SERVICES

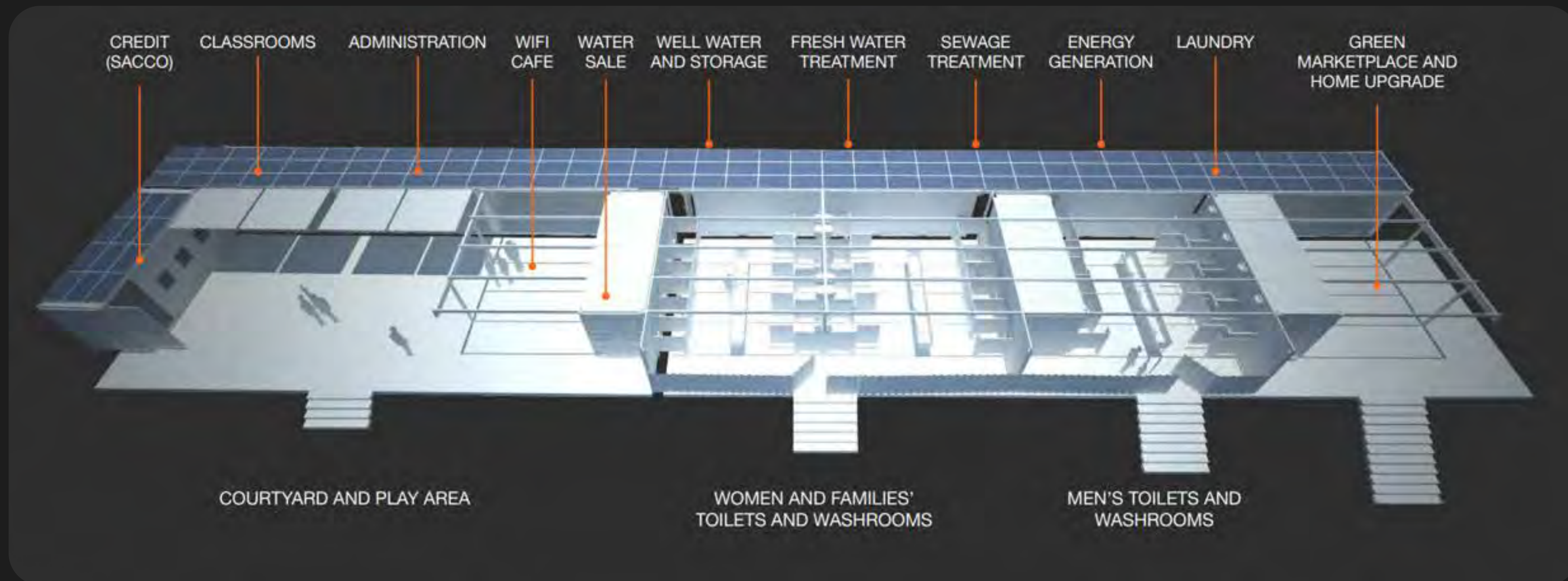
- Clean Water
- Energy
- Food
- Sanitation and Hygiene
- Laundry

JOB READINESS

- Technology
- Adult Education
- Health Information
- Credit Access
- Social Interaction



Kibera Town Centre Facility Layout





Environmentally Sustainable

The backbone of the Kibera Town Centre is a **cutting-edge, independent, environmentally-friendly infrastructure**, which powers affordable water, sanitation, and energy services.

HNP provides expert support to KTC management to run our facilities.





Community-Driven

KTC is managed and run by Kiberans who continuously ensure that we only offer **services and products demanded by the local community.**

Before designing and constructing KTC, **HNP spent four years engaging community leadership and residents** in a multi-faceted needs assessment to foster community ownership.

Empowerment-Based

Our model leverages infrastructure as a catalyst to **support individual talent and growth**. We go beyond filling the void left by (at times willfully) neglected municipal services.

From imparting marketable skills to **creating a space for community interaction and expression**, for the first time, Kiberans have a space that is truly theirs.

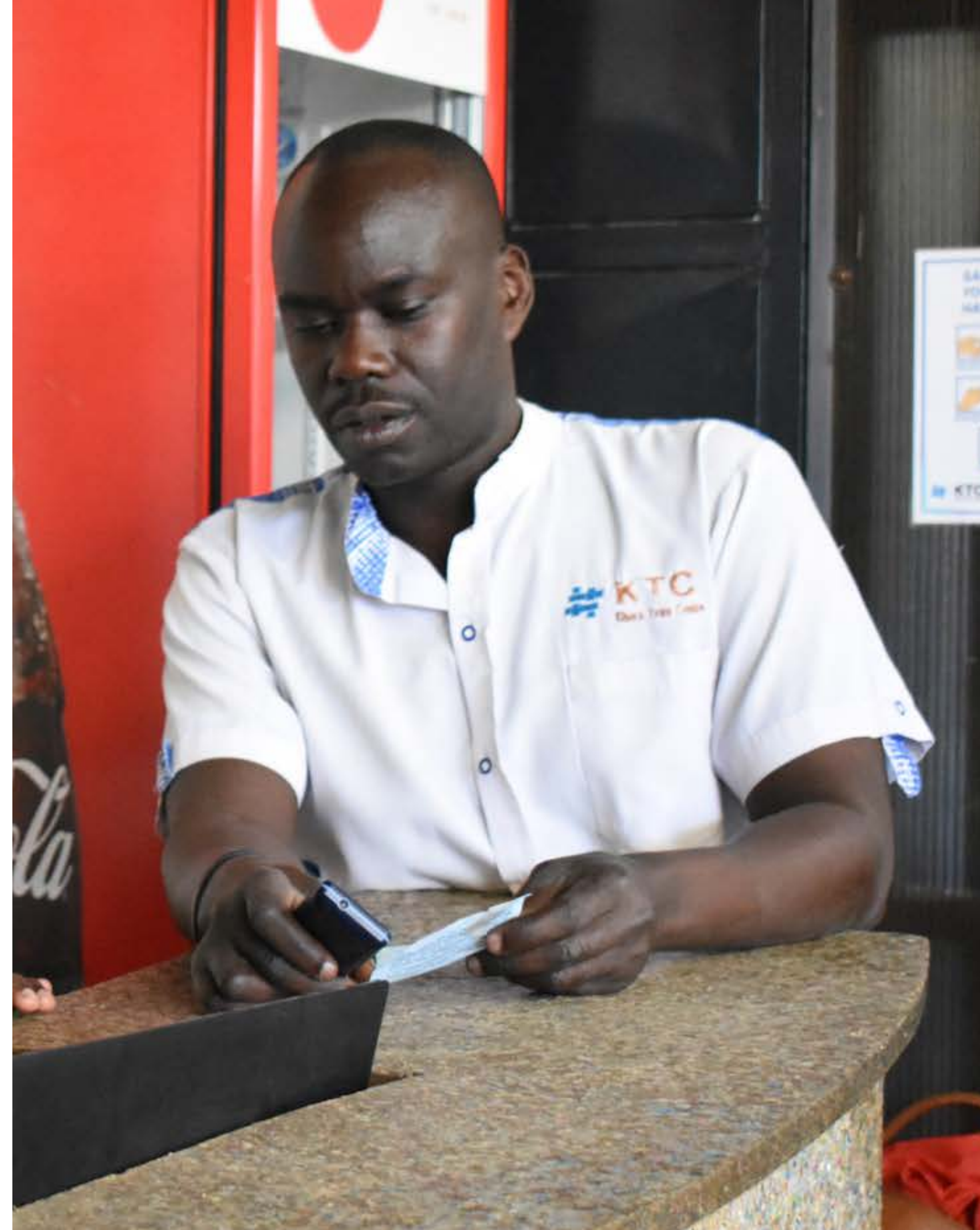




**As a non-profit social enterprise,
we have customers, not beneficiaries.**

Aiming for Financial Independence

KTC sales trends demonstrate that even those living in extreme poverty are willing and **able to pay for critical services, bypassing dependency** to achieve confidence, skills, and access to opportunities.





KARIBU SANA
Chukua chanzo cha kubadilisha maisha yako!

Basics: Water tap, people, washing machine, person with gear.
Empowerment: Shop, person with gear, shopping cart, @ symbol.
Transformation: Person with gear, person with gear, person with gear, person with gear.

K.T.R. CAFETERIA MENU

1. TEA - 20/-	16. CHAPATI BEANS - 90/-
2. BUNKA TEA - 20/-	17. CHAPATI BEANS - 90/-
3. NYAKA TEA - 30/-	18. CHAPATI BEANS - 100/-
4. KEMEN TEA - 30/-	19. CHAPATI BEANS - 100/-
5. BUNKA COFFEE - 50/-	20. RICE BEANS - 100/-
6. WHITE COFFEE - 50/-	21. RICE BEANS - 100/-
7. HOT CHOCOLATE - 50/-	22. RICE BEANS - 100/-
8. SANDWICH - 100/-	23. RICE BEANS - 100/-
9. CHAPATI - 20/-	24. RICE BEANS - 100/-
10. SANDWICH - 30/-	25. RICE BEANS - 100/-
11. POOLED EGG - 20/-	26. RICE BEANS - 100/-
12. FRIED EGG - 50/-	27. RICE BEANS - 100/-
13. CAKA - 50/-	28. RICE BEANS - 100/-
14. KEBAB - 70/-	29. RICE BEANS - 100/-
15. SANDWICH - 30/-	30. RICE BEANS - 100/-

UGALI PLAIN - 30
RICE PLAIN - 30
NYAKA PLAIN - 50
BUNKA PLAIN - 60
CHOCOLATE PLAIN - 30
MILK PLAIN - 100

The Kibera Town Centre covers 10 of 17 Sustainable Development Goals



DIGITAL EDUCATION, ENTREPRENEURSHIP AND ARTS



Since opening the doors of the Kibera Town Centre in 2014, we have educated more than 3,600 individuals between the age of 18 and 35, **60% of which are women, including young mothers.**

Through WFP's EMPACT Program, we have trained 1,000 youth in digital microwork, with over **70% of students actively earning income from the "gig economy"**.





With limited access to employment and earnings averaging \$1 daily, mainly from hard physical labor, Kibera residents are hungry for opportunities.

Our goal is to not only educate our community but also provide them **with real career opportunities and income through digital jobs.**

Kibera has a great culture of entrepreneurship which we work to enhance in partnership with **UBC Sauder Business School** conducting yearly “mini-MBA” courses.



Digital Education, Arts and Entrepreneurship

Impact Data 2014 - 2023

+4,700

students completed our courses in Basic IT, Microwork, Data Labeling and more

432

artists uplifted via our kibera talent search competitions and music studio access

+56%

of graduates are women

+60%

of students immediately transition into online paid jobs



UNEA 5.2
“TURN OFF THE PLASTIC TAP”
ART INSTALLATION



In February, 2022, in collaboration with artist Ben Von Wong and a cryptocurrency community the Degen Trash Pandas, our team built a **nearly 30 ft tall art installation for the UNEA 5.2**, a global environmental summit.

The Giant Plastic Tap spewing plastics, greeted over 1500 delegates from 193 different countries coming together at UNEA 5.2 to discuss **the first ever Plastic Treaty**.





“LIGHT UP KIBERA” ONE MILE OF SOLAR STREET LIGHTS TO INCREASE SAFETY





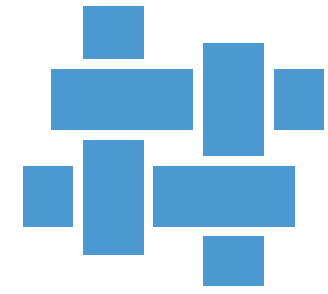
With the support of the Rockefeller Foundation, we have installed **one mile of robust solar LED street lights**, increasing productivity for many shops, micro vendors, workers and students commuting through the area.

The added lights also made a significant impact on the reduction of gender-based violence during the night.





URBAN AGRICULTURE: HYDROPONICS FOOD AND NUTRITION PROGRAM



HumanNeeds
PROJECT



In collaboration with United Nations World Food Program, we are **improving community health and strengthening food security** through access to nutritious food, while improving livelihoods by creating jobs & increased income for stakeholders along the supply chain.



SAVINGS AND CREDIT COOPERATIVE





HNP Saving and Credit Cooperative (SACCO) was formed in 2012 to **improve the social-economical standards of the Kibera community** by giving residents and small business better terms for microloans, significantly lowering interest rates.

Organically grown from entirely community-based contributions, SACCO has reported over 41 million Kenya Shillings in loans (nearly 335K USD), with 60% accorded to small business owners. The SACCO members maintain a pristine repayment rate.



GOALS
Water Point

Water Filtration System
Clean, Safe, Pure Drinking Water

CLEAN AND SAFE DRINKING WATER





HNP water infrastructure has not only reduced water-borne disease cases in the Kibera community, but it is also making economic sense for business owners like Apollo Philomena.

Ms. Philomena is a small food vendor in Olympic Kibera. She has been running her restaurant for over a decade now. She recalls walking long distances to find water before our water point A was set close to her business. Philomena says the HNP has helped her save up to 50% of what she used to spend on water before.





KIBERA'S FIRST BOTTLING PLANT



HNP is currently in the advanced stages of completing the construction of **Kibera's first Water Bottling Plant**, with the primary goal of reaching more Kiberans living in remote areas without access to water.

The project also holds high significance in terms of bringing our model closer to financial sustainability. Once operational, the next step will be to start sales through a distributor, thereby unlocking the revenue-generating potential of the plant. We are targeting early 2024 for the official launch.



JOHNS HOPKINS UNIVERSITY ASSESSMENT STUDY



We are a **data-driven organization** committed to proving how our town centers are unleashing a meaningful impact for individuals and communities.

Johns Hopkins University is currently evaluating the Kibera Town Centre for **community impact and financial sustainability**. The results of the study are expected to be released by the end of 2023.





Kibera Town Center Key Data

since 2015

All Date = Total since 2015

+2M

customer transactions

+400M

liters of clean water distributed

+1.4M

toilet and shower uses

\$450K

total revenue



Leadership and Support

HNP was founded in 2010 by Connie Nielsen, an actor and activist, and David Warner, a globally-renowned green **architect and constructor**.

Connie Nielsen was honored with the 2017 **Nelson Mandela Changemaker Award** and in 2015, HNP won the Aspen Ideas Award.





Our Partners and Collaborators



Berkeley
UNIVERSITY OF CALIFORNIA

UCDAVIS
UNIVERSITY OF CALIFORNIA



JOHNS HOPKINS
UNIVERSITY



UNITED NATIONS



The
ROCKEFELLER
FOUNDATION

DAUGHTERS
FOR EARTH

POUL DUE JENSEN GRUNDFOS
FOUNDATION



WFP

World Food
Programme



Nikon



REDHORSE
CONSTRUCTORS INC.

P&G



SOLANA
FOUNDATION



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