



DAVIS & SHIRTLIFF

*know **H₂O**w through experience*



IMPROVING LIVES

CSR REPORT

H2 2022

#ImprovingLives

FOREWORD



Looking back at 2022, it is striking how much the world has endured. The risk of starvation now faces 45 million people in 43 nations globally. There are more active conflicts currently than at any time since 1945. Extreme weather is becoming common as global temperatures rise and particularly, the Horn of Africa is experiencing an unprecedented drought that is the worst seen for over 40 years.

Today, 1 in 10 people on earth lack access to safe water. Our *#ImprovingLives* Initiative, founded in 2018, is focused on providing access to safe water that can completely transform communities contributing to improved health, elevated levels of education, and creating opportunities for revenue generating activities. Water is the best investment the world can make to change lives.

Development of sustainable water resources is an essential priority for humanity, and Davis and Shirliff is heavily invested in developing various technologies, with a focus on renewable energy, that can provide affordable and enduring solutions to achieve this objective. Our commitment is to make a substantial contribution to alleviate the drought crisis that is ravaging parts of the African continent.

The year 2022 was an exceptional year for the *#ImprovingLives* Initiative marked by successful collaborations with partners including local governments, donor organizations, and corporates to enhance access to water using sustainable renewable energy. This year alone, the initiative has completed and commissioned 107 projects, improving over 215,000 lives, and bringing the total number of lives improved since 2018 to 1,066,250.

Primarily but not exclusively focusing on life-changing projects that increase access to water using sustainable renewable energy, the Initiative has been active in 4 countries this year. It has also undertaken water treatment projects ensuring that communities not only have access to water but to clean water that is safe for consumption. In line with SDG 6, the Initiative has also worked with institutions to increase access to renewable energy by installing solar powered lighting systems in public schools and other child focused institutions.

Looking ahead to 2023, the Initiative is committed to working with the Government-led Pamoja project to rehabilitate boreholes in the arid and semi-arid (ASAL) counties of Kenya and increase access to water to its most vulnerable communities. The Initiative has also planned to ramp up its community irrigation efforts in a bid to tackle the rising cases of food insecurity in the region.

This report contains a sample of impact stories completed in the latter half of 2022 which are representative of the larger body of work carried out this year as part of the D&S Group's ongoing pledge to improving people's lives.

Enjoy the issue!

GROUP CHAIRMAN, DAVIS & SHIRLIFF
AlecDavis@dayliff.com



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2018

64 PROJECTS
50,000 BENEFICIARIES

2019

91 PROJECTS
93,730 BENEFICIARIES

2020

140 PROJECTS
485,220 BENEFICIARIES

2021

143 PROJECTS
221,650 BENEFICIARIES

2022

**107
PROJECTS**

**215,649
BENEFICIARIES**

IMPACT SINCE 2018: **TOTAL PROJECTS: 545** **TOTAL BENEFICIARIES: 1,066,249**

D&S #IMPROVINGLIVES IMPACT LOCATIONS



OTHER COUNTRIES



YEAR 2022



D&S #IMPROVINGLIVES SUSTAINABILITY REPORT

ASSUMING AN AVERAGE DAILY OPERATING TIME

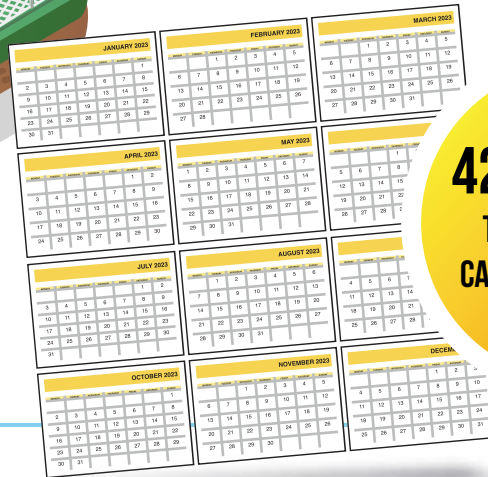
204 kW
TOTAL SIZE OF SOLAR POWER SOLUTIONS INSTALLED



1,222 kWh
TOTAL kWh INSTALLED OPERATING PER DAY

MONDAY

427,650 kWh
TOTAL INSTALLED CAPACITY OPERATING PER YEAR



Founded in 1946 in Kenya, the Davis & Shirtliff Group is committed to achieving long term sustainable outcomes as it provides water and energy solutions across Africa. This sustainability report refers specifically to the Group's community activities carried out in Kenya, Zambia and Uganda in the year 2022. The Group is committed to protecting the environment and mitigating against adverse environmental impact from its activities.

With a focus on a commitment to community welfare the Group is committed to improve the lives of disadvantaged communities by:

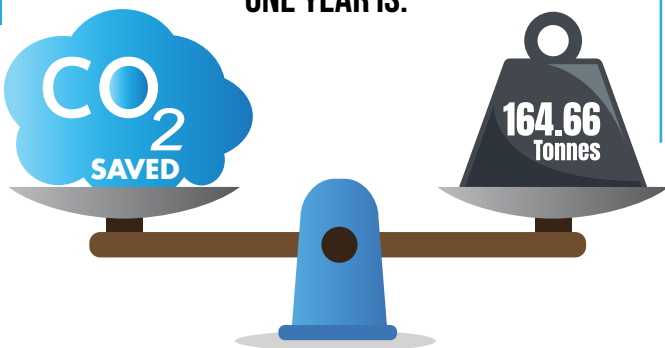
- Harnessing resources (products, people, and technology) to improve lives in Africa in its overall quest to deliver a better and sustainable environment;
- Partnering with like-minded organizations to increase access to clean potable water by utilizing sustainable and renewable energy sources where possible;
- Helping solve some of the most pressing challenges and unlocking the potential of communities through its *#ImprovingLives* initiative;
- Involving staff in the identification and implementation of *#ImprovingLives* projects.

Kenya has committed to lower greenhouse gas (GHG) emissions by 30% by 2030. A significant portion of Kenya's GHG emissions is related to the heavy use of biomass in meeting energy demand which is also responsible for deforestation and forest degradation in the country, increasing vulnerability to the impacts of climate change. The country is thus required to increase efficiency in energy consumption and consider new renewable energy sources. The private sector plays a most important role in implementing these actions. At Davis & Shirtliff, in 2022 alone, the *#ImprovingLives* Initiative impacted 30 Counties in Kenya, utilizing solar power solutions to ensure environmental and project sustainability.

CO₂ SAVING ACCORDING TO US ENERGY INFORMATION ADMINISTRATION (EIA)

0.39 KG OF CO₂ PER kWh

THEREFORE CARBON SAVING ATTRIBUTED TO D&S IMPROVING LIVES PROJECTS FOR ONE YEAR IS:-





D&S UGANDA CARRIES OUT ANOTHER CSR AHEAD OF THE 25 YEAR CELEBRATIONS



PROJECT VALUE
USHS 22,000,000

SOLUTION PROVIDED

Dayliff 280W Polycrystalline Module, Multiplus Compact Ve.bus, Dayliff 200Ah 12V Sealed Solar Battery, BlueSolar MPPT, Battery Rack 200AH(3), Roof Mounting Solar Structure



Every year, over one billion people suffer the effects of waterborne illnesses, a challenge that The D&S Group's #ImprovingLives Initiative seeks to play its part in meeting through positively impacting people, the communities they live in, society in general and ultimately the planet to preserve it for future generations.

Ahead of its 25th Anniversary celebrations, Davis & Shirliff Uganda represented by Group Chairman Alec Davis partnered with The Remnant Generation in Busega, where they installed a solar powered lighting system to enable the organization to keep on the lights at night when some traumatized mothers have been found to attempt suicide. The Organization is a Christian based non-governmental that takes care of teenage pregnant mothers and equips them with skills to be independent.





ENTOMONI – A DROP OF HOPE



Listening to the community in Entomoni, especially the women, it is evident that we cannot hope to solve major issues like poverty, gender bias and illiteracy without starting with access to clean water. A day in the life of a woman in Entomoni is characterized by a treacherously long walk to Aitong shopping center, carrying in hand two 20-liter jerricans and about KES 100 in hand, to be able to fetch some water for the day- an amount which is scarcely enough for her family's basic needs. Entomoni, has a population of about 6,000 Maa people who have been adversely affected by drought. The consequence of this lack of access to water is apparent – early marriages and low school enrollment are common community challenges.

'With my Own 2 Hands Foundation' is an organization that works to provide children with the basic human rights of water, food and access to education. Early in 2020, the D&S #ImprovingLives Initiative signed a partnership agreement with the foundation, whose main objective is to drill and equip solar powered boreholes for the most vulnerable communities. The most recent beneficiary of this partnership is the community at Entomoni, where a Dayliff borehole pump has been installed and is running on solar power. The pump, powered by an array of Dayliff solar panels, provides over 2,000 liters of water per hour and with this renewable resource, the community has plans to start a communal farm run by the women of Entomoni who are also considering bee keeping as a revenue generating activity.



PROJECT VALUE
KSHS 750,000

SOLUTION PROVIDED

**Dayliff Ds3-18 Pump,
 Dayliff Water Meter, Dayliff PV Protect,
 Dayliff 1.5kw Sunverter,
 Dayliff PV Disconnect Switch,
 Galvanized Steel Ground Mount
 3m Structure/Watt, 6 X Dayliff 275w
 Polycrystalline Module**

DAYLIFF



2,000
number of litres per hour that
the 1.1KW Dayliff borehole pump gives



RENEWABLE ENERGY SOURCES CONTRIBUTING TO CHANGED DESTINIES



Fiwagoh Orphanage is a rescue center that works with the Government Children’s Department and well-wishers to support and provide a haven for orphans who have been neglected, abandoned or come from situations of abject poverty. Presently, the home hosts 312 children, from the ages of 4 – 18 years and runs a comprehensive program, offering education from kindergarten to Form Four, engaging the students on farming as well as other skills such as tailoring. The home, situated in Nakuru, was founded by Pastor Benson Nganga, who, in his early years was also a vulnerable child who lived on the streets. His life experiences influenced his zeal for children and he now works to ensure that he rescues as many children as possible from the same fate. In early 2022 the D&S #ImprovingLives Initiative supported the home in transitioning to a renewable and sustainable source of energy to run its facilities. The solar powered lighting system, running on 335W Dayliff solar panels and 200Ah solar batteries will help the school reduce its KES40,000 monthly power bill. Furthermore, the money saved will be used to meet the other needs of the vulnerable children to give them a brighter future.



PROJECT VALUE
KSHS 2,700,000

SOLUTION PROVIDED

4* Dayliff 335W Crystalline Solar Module, 4 * Dayliff 200ah 12V Sealed Solar Battery, Opti SP Effecto 3000 24vdc Hybrid Inverter, Galvanised Steel Roof Mount Solar Support Structure

DAYLIFF

312
The number of orphaned children that are hosted in the home.





THE INTRODUCTION OF THE USE OF RENEWABLE ENERGY IN ONE OF NAIROBI'S MOST ICONIC LIBRARIES



In 2002, when the free education program was started, priority for public schools shifted to building of extra classes to contain the sudden upsurge in enrollment, and during this shift of urgencies, funding for library maintenance was overlooked. This, according to Book Bunk's Director, Wanjiru Koinange, is the genesis of the misperception that Kenya is not a reading nation.

Book Bunk is a social impact firm founded in October 2017 and working to restore some of Nairobi's iconic public libraries; The McMillan Memorial Library on Banda Street and two of its branches in Eastlands (Kaloleni Library and Eastlands Library in Makadara). With the dream that public libraries can be steered to become more than just repositories, acting as sites of knowledge production, shared experiences, cultural leadership and information exchange, they see them as sites of heritage, public art, memory and as critical spaces in Nairobi and Kenya's creative economy ecology.

The social impact firm runs a program dubbed 'green bunk' which is a mitigation response to the effects of Climate Change. The program tackles food security and sustainable farming through the installation of community gardens at their libraries. Davis and Shirliff has participated through the provision of renewable energy at their Makadara outlet. Through this installation and partnership, these libraries will now be more energy efficient and sustainable, ultimately meeting their carbon neutral goals.



PROJECT VALUE
KSHS 1,640,000

SOLUTION PROVIDED

**18 * Dayliff 200W Solar Panel,
 16* 150AH Dayliff Solar Battery,
 Galvanised Steel Roof Mount
 Structure, Galvanised Steel
 Roof Mount Structure,
 SP HANDY Inverter 5000**

DAYLIFF



OCTOBER 2017
The year Book Bunk was founded





LAMU CULTURAL FESTIVAL



Lamu County Government
For People & Progress



The Lamu County Government hosted the 20th edition of the Lamu Cultural Festival which took place from the 24th – 26th November, on Lamu Island. The festival is the biggest event to be hosted in the county and attracts over 30,000 local and foreign visitors. The various activities take place over a 3-day period to showcase shared heritage and musical traditions from civilizations that have, over the years influenced the distinct Swahili culture. The festival promotes peace in the region and brings together different stakeholders in the County. Davis and Shirtliff Lamu Branch Participated in the Young Talent Sailors' event. Through the #ImprovingLives program, the D&S Lamu Branch supported various community initiatives that have increased access to water, provided innovative irrigation technologies to public institutions to improve food security, and donated swimming pool chemicals to a social program training girls and women to swim.



30,000
number of local and
foreign visitors attracted
by the
Lamu Cultural Festival

PROJECT VALUE
KSHS 200,000

SOLUTION PROVIDED
Cash Donation

DAYLIFE



DAYLIFF

Dependable Quality

**WATER PUMPS | BOREHOLE SERVICE | POOLS
SOLAR | WATER TREATMENT | CHEMICALS
GENERATORS | IRRIGATION**

The Brand of



**DAVIS &
SHIRTLIFF**

know **H₂O**w through experience



Dayliff.com



KISE SWIMMING

KENYA INSTITUTE OF SPECIAL EDUCATION

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NAIROBI, KENYA

Our Ref: KISE/STP/1/VOL.I/170

Your Ref:.....

Date: 10th November,2022

CSR Co-ordinator
Davis & Shirliff
PO BOX41762
NAIROBI.
Anne.muiruri@dayliff.com

RE: APPRECIATION FOR THE COMPLETION OF THE CSR PROJECT AT KISE SWIMMING POOL

Kenya Institute of Special Education takes this opportunity to pass our gratitude to the CSR Project done by Davis and Shirliff. The swimming pool within the Institution profited greatly from the programme.

The hours given by Davis and Shirliff personnel, the supply of chemicals, repairs, replacements done and everything the CSR covered will play a key role in enhancing lives for people living with disabilities in our Community and benefits the Society at large.

We appreciate the gesture and looks forward to continued good partnership with your Organization.

We hope that we shall be considered for future CSRs services.

Thank you.

DR.N. KIOGORA
DIRECTOR

PROJECT VALUE
KSHS 290,000

SOLUTION PROVIDED

**Smart 21ph Duplex Panel,
Heat Pump Service, Media Recharge,
Chlorine 90 - 20kgs, Dayliff PH Plus - 5kgs,
Dayliff PH Minus - 20kgs, Dayliff Pool
Magic 6kgs, Pool cover repair,
Pressure testing**



*An inclusive Kenyan society in which every child with special needs and disability accesses quality e.
their fullest human potential
ISO 9001:2015 CERTIFIED.*



ACCESS TO RENEWABLE ENERGY IMPROVING OVER 6,000 LIVES IN MACHAKOS COUNTY



Matungulu Girls Secondary school, an extra county school in Machakos County, has been experiencing severe water shortage for a prolonged period. The school, with an enrollment of almost 2,000 girls, has had to endure a treacherous 3 year period where the students trekked 3 ½ kms to source water. While water is essential for all lives, it is even more critical at a girls' institution, where personal hygiene is a key issue. The long walk in search of water also posed a security risk for the students and used up precious time that should have been allocated to studying.

In light of these conditions, the school approached the County Government of Machakos, who sponsored the drilling of a borehole whose yield was enough not only for the school's consumption, but also for the local community. Matungulu Girls then partnered with the D&S #ImprovingLives Initiative in the equipping of the borehole with a solar powered Dayliff pump delivering over 2,000 liters of water per hour. The presence of adequate water now makes it easy for the students to be able to dedicate their time to studying and in turn, will result in enhanced performance and productivity.



PROJECT VALUE
KSHS 1,000,000

SOLUTION PROVIDED

Dayliff DS5-17 Pump, Dayliff 3.7kW Controller , 16 * Dayliff 200w Solar Module, 28 * Dayliff 1 1/2" Borehole Pipes, 3M Galvanised Steel Solar Support Structure

DAYLIFF





MWANOSE COMMUNITY'S SOLAR POWERED BOREHOLE



The Mwanose Community Borehole serves a population of over 3,000 people in Voi, Taita Taveta County. The D&S #ImprovingLives Initiative has rehabilitated the stalled borehole, allowing the residents much relief from walking long distances in search of water. The community leaders testified of how they would get water from Voi, a 2 hour walk from the village, and this would use up a huge amount of time. Pictured, are Davis & Shirliff staff, together with the community elders, commissioning the project. Davis & Shirliff, through the #ImprovingLives Initiative solarized a 2.2kw borehole pump and with the solar pumping system, the community now enjoys a reduction in the time utilized in fetching water and the livestock which would go days on end without water, also enjoy the availability of the resource.



3,000
people in Voi who are served by the Mwanose Community Borehole





PROJECT VALUE
KSHS 190,000

SOLUTION PROVIDED

Dayliff SVB 3.7kw Sunverter,
Dayliff DSM 2.2kw Sub Motor

DAYLIFE





TIIGO PRIMARY SCHOOL: UTILIZING SOLAR ENERGY TO PROMOTE ACCESS TO FORMAL EDUCATION



PROJECT VALUE
KSHS 3,560,000

SOLUTION PROVIDED

**Dayliff DS8-66 submersible pump,
18 x 330W photo voltaic solar modules,
76* Dayliff Borehole Pipes,
Dayliff Pump Controller,
Solar Module Array Support
Structure**

DAYLIFF

Tiigo Primary School was founded out of the need to provide quality and affordable education for those who do not have access to formal institutions. As is common in the Marsabit communities, children, when they come of age, often follow their parents to herd cattle and Tiigo school, being a boarding home, was set up to mitigate this challenge. In addition to Education, the school was initiated to promote inclusivity, the goal being to have

all seven local communities co-exist peacefully within the school and eventually avoid inter-community tension.

Situated in an arid area, access to water was a critical challenge and, after the initial borehole failed, the #ImprovingLives initiative partnered with PACIDA to implement a sustainable supply from a second borehole, which was able to meet the requirements of the institution.





18
the number of 330W Dayliff solar panels that power the pump



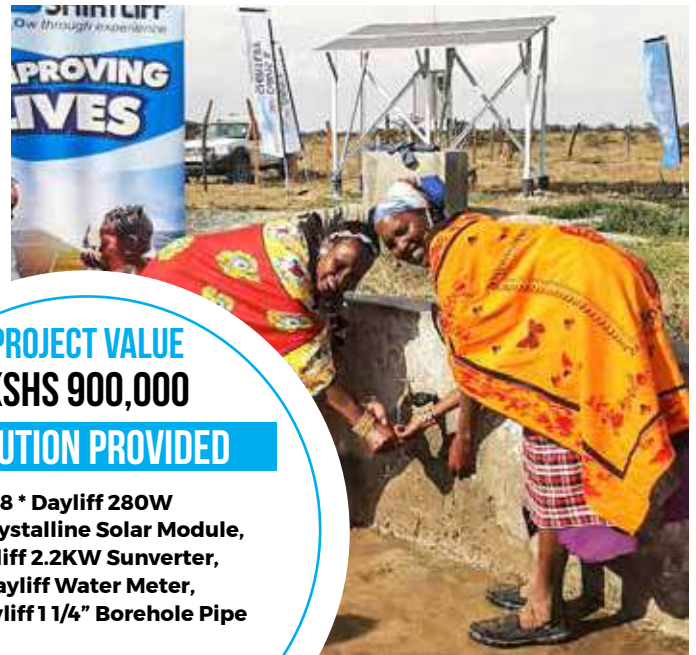
OLKINYEI COMMUNITY: LEVERAGING ON GREEN ENERGY TO RECLAIM WHAT WAS LOST



Olkinyei conservancy consists of 18,700 acres of community owned land which is home to graceful grant gazelles, several species of antelopes, laughing hyenas and prides of lions. Underneath the beauty of the land lives a community that has fallen victim to the devastating drought and lack of water for human and livestock use. The majority of the people are nomads reliant on cattle rearing with severe drought leading to mass deaths of livestock driving them into a season of prolonged poverty.

For Maasai women and girls here, one of the biggest challenges has been accessing water, with some being forced to go for a whole day journey, just to come back with a 20-litre jerrican of water and sometimes nothing at all. The water scarcity, which the community experienced, brought with it various challenges - girls missing out on school especially during menstruation and mothers being forced to leave their children alone at home for hours.

In light of this situation, the D&S #ImprovingLives Initiative has partnered with WMO2H Foundation to drill and equip a borehole in the community. The borehole project serves over 5,000 people who are now able to rejuvenate their lives through diversifying their activities into agriculture and other forms of income generation.



PROJECT VALUE
KSHS 900,000

SOLUTION PROVIDED

- 8 * Dayliff 280W Polycrystalline Solar Module,
- Dayliff 2.2KW Sunverter,
- Dayliff Water Meter,
- 40*Dayliff 1 1/4" Borehole Pipe



NEED A **PROJECT** UNDERTAKEN?

Submit your application through the CSR portal
on the Davis & Shirtliff website

www.davisandshirtliff.com/csr-eligibility-form





89-YEAR-OLD BOREHOLE EQUIPPED TO RUN ON SOLAR POWER



Muthaiti community borehole project is a public-owned project in Nakuru County. The borehole itself is 89 years old, having been installed in 1933 by a former settler, Boden Klong. After independence, the borehole was made public and eventually taken over by the Muthaiti Community in the 1970s. As was common for community boreholes in that period, it was equipped with a manual handpump which, over time, broke down and required replacement. In the period when the borehole was non-functional, the community suffered a rise of water borne diseases and a slump in agricultural output owing to deaths of livestock during the drought season. The borehole project stalled in 2020 and the community later approached the #ImprovingLives Initiative for assistance. The D&S initiative responded by donating and installing a solar powered Dayliff pump to alleviate the pressure on resources. During the commissioning ceremony to launch the project, community leaders noted that Kiambaga, which is where the borehole project is located, is considered the driest place in Nyandarua County. The availability of clean potable water in the community has therefore impacted over 1,500 lives for the better and at a most timely season in the country.



PROJECT VALUE
KSHS 370,000

SOLUTION PROVIDED

6 * Dayliff 335W Crystalline Solar Module, Dayliff 1.5KW Sunverter, Dayliff DSD 3/13 Pump

DAYLIFF



1,500
the number of lives which have been impacted
by the availability of clean potable water





UNLOCKING THE POTENTIAL OF COMMUNITIES IN ZAMBIA WITH SOLAR PUMPING SOLUTIONS



The D&S #ImprovingLives Initiative in June 2022 upgraded and installed a solar water reticulation system at Nyashishi Primary School located in Kansokomona Village in the Chongwe District, Zambia. The upgraded system will go a long way towards providing clean and safe water to the school which accommodates over 850 pupils and the surrounding community which has over 1,000 residents.

"Davis & Shirliff came in at the time when we critically needed help, we had a water crisis for about 5 consecutive months and during that period over 800 pupils and the surrounding community were depending on a single hand pump", said the primary school headmaster.

The handover was commissioned by the Davis & Shirliff Zambia, Country Director Jonathan Mainga.

"As a company, we view our role in business as not just selling

water pumps, rather, as partners in addressing one of Zambia's premier developmental needs – access to water. We view ourselves as facilitators in changing and improving people's lives" Mr Mainga said at the event.

"It is a great joy to be witnessing another project achieves our mission. It gives us a deep sense of satisfaction that our children and the wider community will not have to risk exposing themselves to unsecure sources of water or spending long times searching for this precious commodity" he said.

Davis & Shirliff was joined by Child Fund, who is the main supporter of the primary school at the event. The Child Fund Country Director Simba Mashingaidze said that the partnership between Davis & Shirliff and Child Fund will combine expertise to go a long way in producing results for the children in Zambia. "We look forward to strengthening this relationship so that we can provide more services to communities like Nyashishi," he said.





PROJECT VALUE
ZK 33,100

SOLUTION PROVIDED

**Dayliff DSD 3/10 Pump, 10* Dayliff
150W 24VDC Crystalline Solar Module,
Solar Pump 0.75kW Inverter**



1,850
the number of lives impacted
by the project




FATIMA HOME FOR DISABLED CHILDREN



Fatima Children's Home opened its doors on 20th December 2007 with its name being derived from both Muslim and Catholic traditions and acting as a unifying institution for both communities living in the area. Accommodating over 30 physically disabled children in Marsabit County, both boys and girls aged 1 to 5 years, the school previously had to boil their drinking water to make it safe for consumption. In response, the #ImprovingLives Initiative donated and installed a Dayliff 6-Stage 50gpd Mini RO unit, which purifies water rendering it safe for human consumption. Despite the challenging conditions they undergo, the children at Fatima Children's Home are cheerful, engaging and welcoming to visitors.



PROJECT VALUE
KSHS 50,000
SOLUTION PROVIDED
DAYLIFF 6-Stage 50GPD Mini RO





PRECIOUS VIRGINIA HOME FOR CEREBRAL PALSY CHILDREN



PRECIOUS VIRGINIA HOME FOR CEREBRAL PALSY CHILDREN
P.O BOX 2220 -50100 – KAKAMEGA
TEL: +254-715 375 957
Email: preciousvirginiahome@gmail.com



12th, September 2021

NUR W. RIDAY
CSR COORDINATOR
DAVIS & SHIRTLIFF LTD
P.O BOX 41762-00100
NAIROBI – KENYA.

Dear Madam/Sir,

Re: ACKNOWLEDGMENT & APPRECIATION

It is with great humility and gratitude that I write to acknowledge and appreciate receipt of two pieces of Ultra sun Standard UFS200D Solar water Heaters delivered to Precious Virginia Home (PVH) on Monday, September 6th, 2021.

When installed, this system is going to add tremendous value and facelift to PVH, easing the work load on the daily chores of the Home and enabling us much time to bath our special children in warm showers, offering individualized attention to each child.

PVH family pledges to take very good care of the solar water heaters, ensuring factory guidelines for service and maintenance.

We shall adhere to the quarterly progress report once the system is installed.

Kindly receive our most sincere gratitude for your philanthropic gesture towards Precious Virginia Home. We look forward to partnering with you for the benefit of a severely disabled child.

Yours Faithfully,

MS. ELECTINN NIGHT WANYAMA (Tina)

FOUNDER/COORDINATOR: PRECIOUS VIRGINIA HOME-KENYA.



**PROJECT VALUE
KSHS 50,000**

SOLUTION PROVIDED

**2 No. UltraSun Solar Water Heaters,
Dayliff DDG1000 0.8kW
Auto Press Pump, Accessories**



THE APP FROM

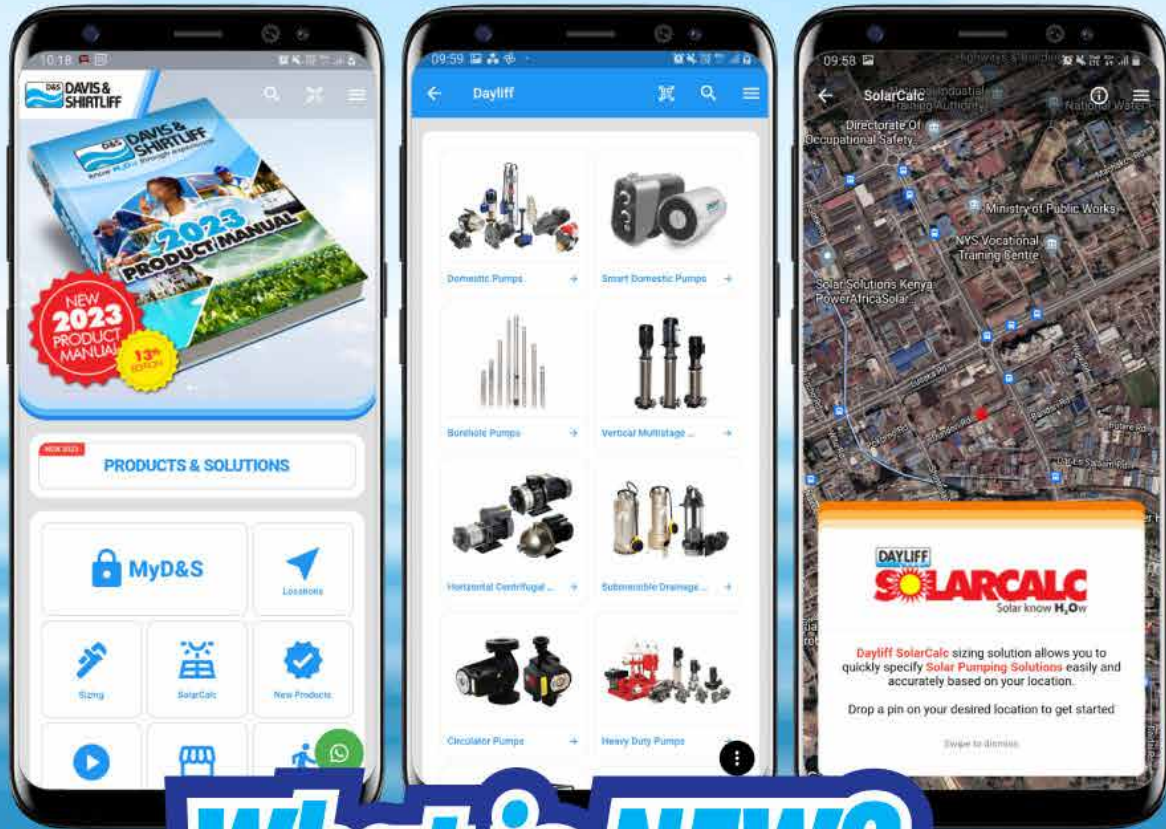


DAVIS & SHIRTLIFF
know H₂O through experience

D&S FLO

VERSION 3.0

NEW AND UPDATED



What is NEW?

UPDATED INTERFACE

PRODUCT MANUAL

with access to pricing, inventory check, full product documentation (Datasheets, instruction manuals etc), videos, spare parts, sizing etc on product page.

QR CODE SCANNER linked to Product Manual

PRODUCT MANUAL FLIP BOOK ACCESS

FAVORITE PRODUCTS and New and Updated products segment

SOLARCALC and **PUMPCALC** integration with complete report downloads and dynamic curves generation.

BRANCHES AND STOCKISTS FINDER

INTEGRATION TO iDAYLIFE, POOL TOOL and DAYLIPA HABA

EXTRANET

Access to product prices, customer information such as invoices, statements, incentive scheme, rapid ordering, orders with full integration to ERP specific to various subsidiaries / countries.

Water & Energy Solutions with You, Everywhere You Go!

Available for ios and android





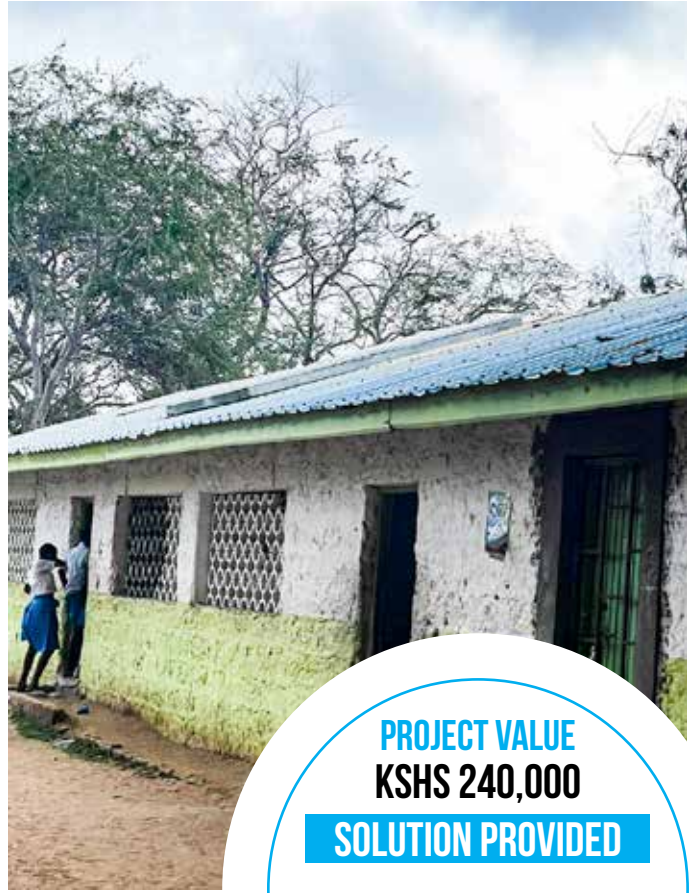
SHARIANI PRIMARY SCHOOL, MALINDI

Shariani Primary School in Malindi has an enrollment of 1,500 pupils. The school had two boreholes that had been previously serving it which broke down leaving the institution in dire need of water. Running the school on a water shortage became increasingly difficult and intervention was sought from the #ImprovingLives Initiative. The initiative responded by donating and installing a Dayliff Sunflo solar pumping system to power its borehole at no cost and to provide reliable supply as well as irrigating the farm to enable students to carry out agricultural projects effectively.



1,500
the number of students enrolled at Shariani Primary School, Malindi





PROJECT VALUE
KSHS 240,000

SOLUTION PROVIDED

**4 * 200W Galvanized Steel Tin Roof
Mount Structure, Dayliff Sunflo-B
500C3 Solar Pumping System**

DAYLIFF



GLOBAL HANDWASHING DAY PARTNERSHIP WITH WORLD VISION



One of World Vision’s focus areas is promoting access to Water, Sanitation and Hygiene in vulnerable communities and institutions. The D&S #ImprovingLives initiative has recently partnered with World Vision to donate handwashing facilities for schools to commemorate Global Handwashing Day on October 15th. The stations enable school children to have access to handwashing facilities so that they are able to sanitize at critical times using soap and water. This was especially key during times of the COVID pandemic. Handwashing facilities have benefitted three schools in Makueni County, Ngamu Primary, Thwake Primary and Mukelenzu Primary and In Bomet County, Kamoty Primary, Kamosiro Primary, and Kaptumoi Primary. The Handwashing stations will be maintained by the school management and school health clubs to ensure that they have a reliable supply of soap and water.

PROJECT VALUE
KSHS 210,000

SOLUTION PROVIDED
10 Handwashing Stations

DAYLIFF





15TH
OCTOBER
Global
Handwashing
Day





CHESHIRE HOMES



20
Number of bed-ridden senior citizens in the residence

Davis & Shirliff participated in the 2022 17th Annual Cheshire Homes Fundraising Walk. The 12 km walk started from Mimosa turn-off on Kafue Road to Cheshire Homes, Chawama. The walk was aimed at raising funds for the running of the Chawama Cheshire Home which accommodates 20 bed-ridden senior citizens in residence, with some confined to wheelchairs, blind, mentally unwell and always in need of assistance.



PROJECT VALUE

SOLUTION PROVIDED
In Kind Donation

DAYLIFF





THE ROTARACT CLUB OF TAITA TAVETA



As a renewable source of power, solar energy plays an important role in reducing greenhouse gas emissions and mitigating the effects of climate change, which is critical to protecting the earth and its ecosystems. Solar energy has the additional benefit of reducing water use from energy production. The year 2022 has seen parts of Africa suffer greatly from the adverse effects of climate change with prolonged seasons of reduced rainfall resulting in devastating drought and famine. The use of renewable energy has therefore fully emerged as a critical technology in this battle.

One of the D&S #ImprovingLives Initiative's key focus is provision of renewable energy especially in learning institutions involving children. Increased access to renewable energy also allows the institutions to reduce utility bills and therefore to direct more funds towards further development.

"I sincerely appreciate the solar lighting donation made to Taita Taveta University through the Rotaract club of Taita Taveta University.

I hereby confirm that the lights were received and installed at Taita Taveta University on 10th November 2022. I can't take it for granted the patience with which the whole process was handled. Thank you so much to D&S company and the manager, Voi office. The lights have met the full expectations of Taita Taveta University fraternity.

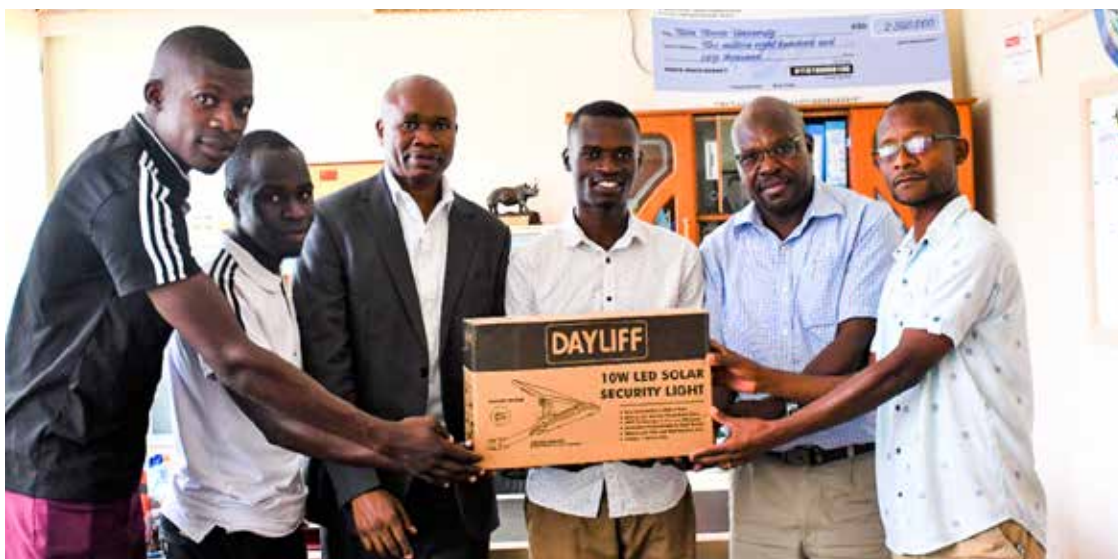
As a president to Rotaract club of Taita Taveta University, am grateful to have been part of the whole process. I do take credit for the project as one of my mega projects during my tenure.

Thank you so much Davis and Shirtliff. I look forward to a continued relationship with you. Thank you." Victor Ochieng, President of the Rotaract Club of Taita Taveta University.





PROJECT VALUE
KSHS 70,000
SOLUTION PROVIDED
3 no. 10W Solar Streetlights



2022
the year
parts of Africa
suffered greatly
from the
adverse effects
of climate
change



HAND WASHING IN COMMUNITIES: CLEAN HANDS SAVE LIVES



Handwashing with soap, when done correctly, is critical in the fight against COVID -19 and other diseases. Unfortunately, the majority of institutions in the Waitaluk area have little or no access to handwashing facilities. The local dispensary in Waitaluk recently published a report that demonstrated that the majority of diseases treated are related to poor hygiene. Given the impact of handwashing on global health and development, it is imperative to integrate handwashing into learning institutions and health facilities in the realization that promoting handwashing requires behavioral change.

The #ImprovingLives Initiative has partnered with the Neema Project in Waitaluk area, who work with the community to promote improved levels of hygiene. This intervention requires an individual or community to be made aware of the benefits of proper handwashing behavior with the aim of creating promoters of better hygiene practices. In partnership with the Neema Project, the D&S #ImprovingLives Initiative donated 10 handwashing stations that have been distributed in learning institutions, the local dispensary and the Neema Project office. The provision, operation, and maintenance of handwashing stations will provide an enabling environment for sustainable facilities in the region.



10
Number of handwashing stations that have been distributed in learning institutions, the local dispensary and the Neema Project office





SOLAR HEATING SYSTEMS FOR THE ELDERLY IN KIKUYU CONSTITUENCY



Thogoto home for the aged is a home for senior citizens who have either been abandoned by relatives or don't have families and was founded in 1967 by the Women's Guild. The home is situated in Kikuyu and currently supports 42 seniors aged 90 years and above with the oldest being 113 years.

The home, which relies on well-wishers' funding to cater for all their expenses, had been struggling with electricity bills for some time and the D&S #ImprovingLives Initiative responded by donating and installing two solar heating systems that have ultimately reduced firewood and utility costs for heating water for the elderly.

113
the age of the oldest senior who resides in the home





PROJECT VALUE
KSHS 480,000

SOLUTION PROVIDED
2 no. Indirect Solar Water Heating Systems

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ZAMBIA CORRECTIONAL FACILITY

Lusaka Correctional Facility requested granular chlorine due to rising cases of covid, skin infections and diarrhea. The chlorine with help in maintaining good sanitary conditions and hygiene in the prison which is home to 1,300.

PROJECT VALUE
ZK 2,900

SOLUTION PROVIDED
Chlorine 65

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WISDOM CLINIC



Wisdom clinic is a healthcare facility which caters to over 17,000 patients in the surrounding communities in Solwezi Province. For the past few months, the clinic has experienced an increase in waterborne infections due to an absence of clean and safe drinking water.

D&S #ImprovingLives Initiative donated a borehole pump c/w accessories. The pump will give access to clean and safe drinking water to the facility and its environs.

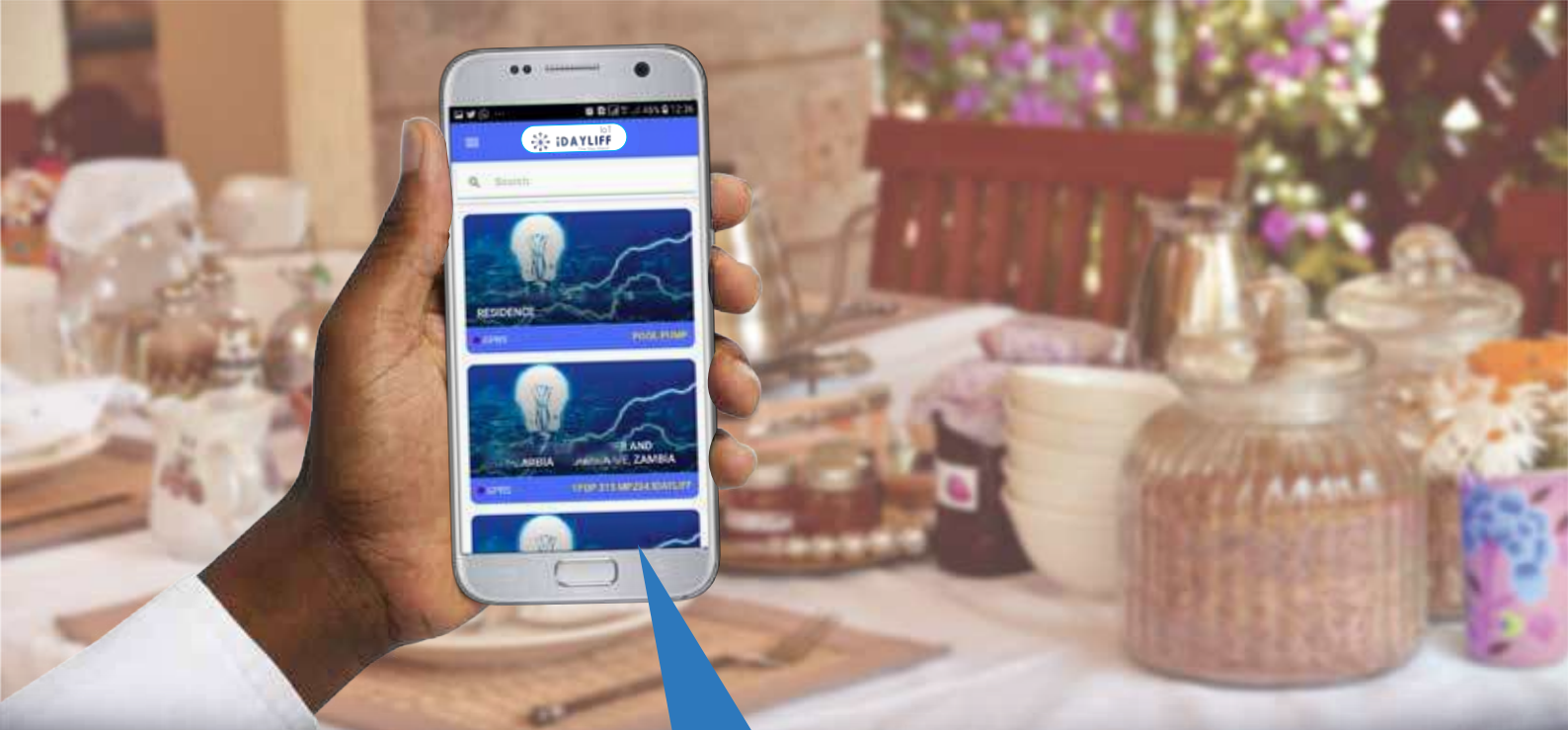


PROJECT VALUE
ZK 10,500

SOLUTION PROVIDED
Dayliff DSD 3-13 Borehole Pump
c/w 30M cable and controller

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MONITOR & CONTROL
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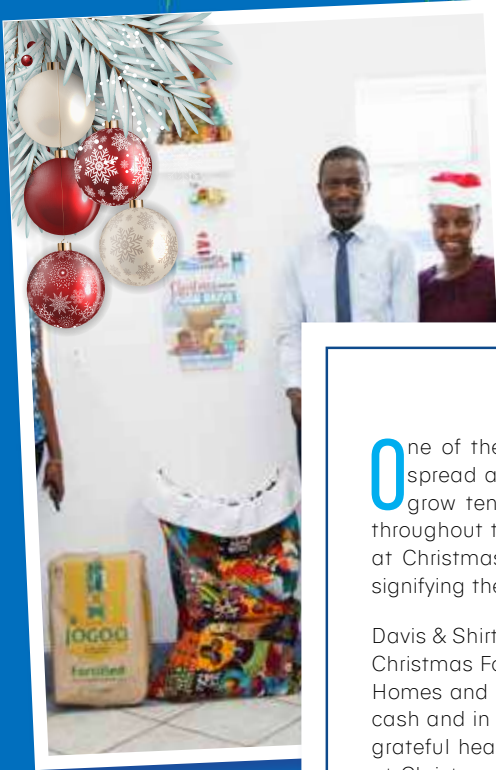


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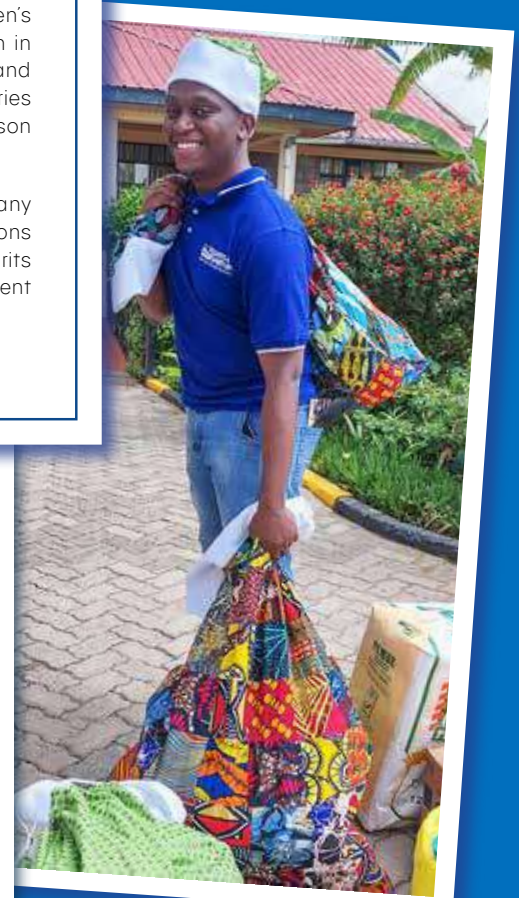
SPREADING CHRISTMAS CHEER

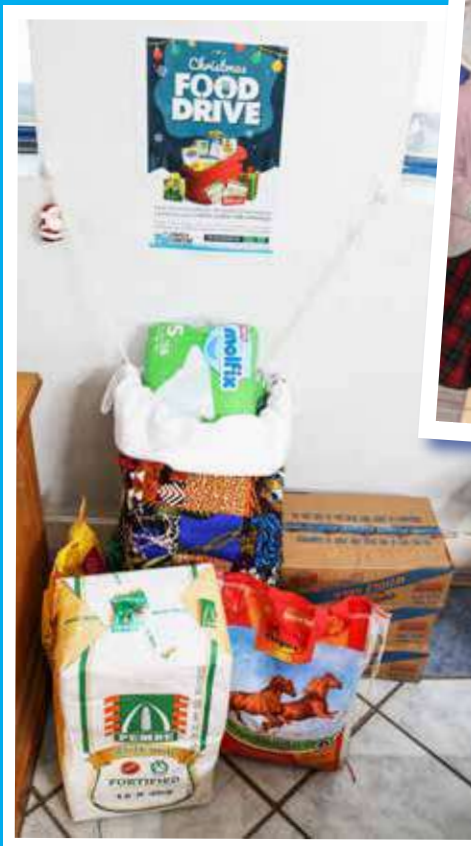


One of the best elements of the holidays is being able to spread a little Christmas joy everywhere you go. Our hearts grow tender with childhood memories, and we are better throughout the year for having, in spirit, become a child again at Christmas time. Love, Peace, Hope and Joy are four words signifying the true meaning of Christmas.

Davis & Shirliff staff, have over the years, contributed towards a Christmas Food Drive that has gone towards various Children's Homes and Prisons facilities. Every year, staff contribute both in cash and in kind and deliver the food gift to smiling faces and grateful hearts. The gifts are distributed amongst beneficiaries at Christmas time, ensuring the less fortunate all have reason to celebrate the festive season.

For many of these recipients, life can be challenging at any time of the year, but even more difficult at special celebrations such as Christmas and a small act of kindness can lift spirits and give a little bit of joy in what is otherwise a different environment.





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SunFL



Solar Water Pumping SYSTEMS



SUNFLO-S 150
1m³/day at 30m head



SUNFLO-S 300
3m³/day at 60m head



SUNFLO-A 600H
4m³/day at 70m head



SUNFLO-B 500C
6m³/day at 40m head



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PARTNERS

Davis & Shirliff would like to thank its partners who contributed to some of the projects included in this report



WISH TO BECOME A PARTNER?

Should you wish to support us, please contact our CSR Office

on **0711 079 154**

or email **csr@dayliff.com**

You will be provided with further details, the options being contributions to D&S managed projects or a project of your own.



DAVIS & SHIRTLIFF

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