



DAVIS & SHIRTLIFF

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IMPROVING LIVES

CSR REPORT

H1 2021



[#ImprovingLives](#)

FOREWORD



Looking back at the first 6 months of 2021, it has been impressive to see how resilient and united mankind has been in fighting the ongoing effects of Covid-19. Despite many countries in Africa facing peak infection rates during the period, people have come together to stand firmly in spirit to help one another. Governments, corporations and individuals have converged remarkably to mitigate the health, social and economic toll of Covid-19.

As a company, when you touch people's lives, you touch their hearts and foster a rapport that goes beyond the usual commercial relationship. At Davis & Shirliff, through our Improving Lives Initiative, we aim to positively transform lives by improving access to energy and clean water. With Covid-19 continuing to impact lives and economies negatively, the improving Lives Initiative is becoming increasingly important.

Our driving philosophy, "Purpose before Profit" encapsulates the aspiration to create sustained impact for those who need it the most. Our motivation is to provide water & energy solutions that help improve lives. We work with various partners and local communities to maximise our impact and ensure the sustainability of our projects.

The Improving Lives Initiative has had an active 1st half of 2021, completing 87 projects which have benefitted over 124,000 lives. 46 of these projects involved combatting the threat of Covid-19 in schools and underserved communities in 26 counties across Kenya. With increased access to water, and availability of hand washing stations, people have the power to stay healthy. Using Dayliff solar pumping kits 30 of the projects completed this year have incorporated affordable and clean energy to increase and improve access to water. Harnessing the abundant power of the sun to power borehole, and irrigation pumps is both environmentally friendly and extremely sustainable for community projects.

We remain committed to carrying out our work through this challenging time, and to continue delivering real, lasting outcomes in the coming months. We are proud of the contribution that we are making to our communities.

There are over 124,000 stories that we could tell, of lives that have been impacted by our improving Lives Initiative just this year. In this edition of our Improving Lives H1 report, we shall share a few of these stories with you.

Enjoy the issue!

A handwritten signature in black ink, appearing to be 'AD', written over a white background.

GROUP CHAIRMAN, DAVIS & SHIRLIFF
AlecDavis@dayliff.com



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DAVIS & SHIRTLIFF - IMPROVING LIVES

2018

64 PROJECTS

2019

91 PROJECTS

2020

140 PROJECTS

2021

**87
PROJECTS**

**124,000
BENEFICIARIES**

NKAIMURUNYA PRIMARY SCHOOL BOREHOLE REHABILITATION AND SOLARIZATION



Nkaimurunya Primary School is a public school in Karen Hardy with 1300 pupils. The school's journey with D&S began some 11 years ago, in 2010, when the school approached the firm for assistance. The school, densely populated, had no source of water in its premise, and children had to cross the road to fetch water, a risky fete. Davis & Shirliff, as part of its CSR activities, installed a 2.2kw borehole pump in the school, which ran without any hitches for a good 10 years. In November of 2020, the school approached

D&S once again, to report a motor failure, which was caused by site conditions Davis & Shirliff, through its #ImprovingLives Initiative, has rehabilitated and solarized the borehole, ensuring that the system is not only running, but running with minimal pumping costs! The project was launched in an extremely colourful event, attended by HO staffers, led by Kenya MD, Edward Davis and Industrial Area GM, David Bolo.

1300

Number of pupils in
Nkaimurunya Primary school

COST

KSHS 665,255

SOLUTION PROVIDED

Dayliff 1.5kw Submersible Motor,
Sunverter 3 3.7kw Controller,
Galvanised Steel Ground Mount
3m Solar Support Structure,
22 X 150w Crystalline
Solar Modules

DAYLIFF





THE DONATION OF A SOLAR PUMPING SYSTEM FOR BUTTERFLY CARE CENTER

Very few children with disability have access to basic education and so struggle to find adequate employment and the dignified standard of living that it enables. Ms. Domitila Matheka, Executive Director of the Butterfly Children Care Center is doing what she can to change this. Butterfly Children Care Center is home and school to children with intellectual disabilities. Having dedicated her entire career to teaching in special needs schools, Ms. Domitila has carried on with the work into retirement. In September of 2019 the school, intending to dig up a latrine for the students' use, inadvertently dug a shallow well instead. The #ImprovingLives Initiative has donated and installed a Dayliff Sunflo S 150 pumping system, which now affords the center the convenience of accessible water. Previously, the care givers would have to fetch water from a nearby borehole, whose quality and availability was not assured.



SEPTEMBER OF 2019
When the school intending to dig up a latrine for the students' use, inadvertently dug a shallow well



COST
KSHS 79,990

SOLUTION PROVIDED

Galvanised Steel Roof Mount Structure/Watt, Dayliff Sunflo-S 150 Solar Pumping System

DAYLIFF



USHIRIKA CHILDREN'S CENTER, KIBERA

Ushirika Children's center is located in Kibera and has 615 pupils in both their primary and secondary schools. The school has no water at present and kids have to bring water from home in jerricans for their use, which impacts the levels of sanitation in the school. The D&S #ImprovingLives Initiative has installed a solar powered DSD 3/7 well pump as well as a Klorman in-line water

filter. These solutions will minimize running costs for the school and also provide the pupils with safe drinking water. This, in turn results in increased sanitation levels and increased access to water. Mr. David Kitavi, the school Director, expressed his gratitude to D&S for "Improving the lives of the most vulnerable children in Kibera".



615

Number of pupils in Ushirika Children's Center both primary and secondary schools



COST
KSHS 313,787

SOLUTION PROVIDED

DSD 3/7 0.37kw Borehole Pump,
5 X 200w Solar Panels, Dayliff
SV2 1.5kw 1ph Controller,
Galvanised Steel Roof Mount
Solar Support Structure

DAYLIFF





IMPROVING LIVES

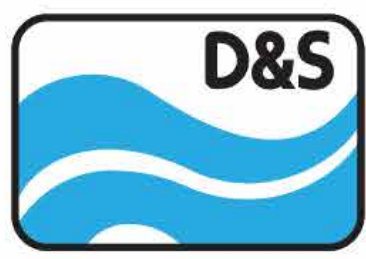
through

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SOLUTIONS

for **75** years

EST. 1946



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

THE DONATION AND INSTALLATION OF A SOLAR POWERED BOREHOLE PUMPING SYSTEM AT MOTO COMMUNITY BOREHOLE, NAKURU COUNTY



COST
KSHS 911,350

SOLUTION PROVIDED

Dayliff DS3-60 4kw Borehole Pump, 22 X Dayliff 275w Polycrystalline Modules, Dayliff SV2 7.5kw 3ph Controller

DAYLIFF

Moto Community Borehole Water Project is located in Molo Town, Nakuru County. The borehole is situated within Moto Primary School and serves both the school and the Moto Community with a population of 5,000 people. In November of 2020, the community approached the D&S #ImprovingLives initiative through the program's partner, FHI360. The borehole was non-operational due to a burnt out motor, and there was also an accumulated electricity bill of more than KES 300,000/- which prompted the disconnection of power supply, rendering the project stalled. Other borehole accessories were also faulty and in need of replacement. The Davis and Shirtliff #ImprovingLives initiative, together with D&S Nakuru, stepping in to install a 4kw borehole motor. To ensure the sustainability of the project, Davis and Shirtliff proceeded to convert the mains-powered borehole pumping system to sustainable solar power. The project now provides a constant supply of water to a large group of community members. Former D&S staffer, and the CECM - Water, Nakuru County, Eng. Festus Ng'eno said that the project is of utmost importance now that schools are being re-opened and there is a need to ensure that water is available for school children to receive proper sanitation in view of the current COVID-19 pandemic.



ST LUCY'S SCHOOL FOR THE VISUALLY IMPAIRED, MERU



St. Lucy's School for the visually impaired in Meru County - was established in 1961 by the Catholic Church. It is now a public school with an enrollment of over 300 pupils in Primary School and another 140 pupils in the secondary school. The school's water source has been a nearby river as well as rain water. These sources are distant, scarce and unreliable. In September of 2019, Davis and Shirliff received an application from the school for borehole drilling through a mutual partner. The D&S #ImprovingLives Initiative reached out to several of its other partners to sponsor the drilling, and in 2020, the appeal was picked up by a US based organization, 'With My Own 2 Hands'. They drilled a 220m borehole, and D&S Meru equipped the borehole with a solar powered 22kw Dayliff borehole pump. The solar powered pump, with an array of sixteen 200w panels mounted on a 3m support structure, will give both schools clean, accessible water at zero running costs. The ribbon cutting ceremony was attended by representatives from the drilling partner, staff from D&S Meru Branch, D&S Embu Branch and D&S HO.



1961

The year St. Lucy's School for the visually impaired in Meru County was established by the Catholic Church

COST

KSHS 915,580

SOLUTION PROVIDED

**Dayliff DS2-48 Borehole pump,
Sunverter 3 3.7kw 3ph Controller,
16 X 200w Dayliff panels,
Galvanised Steel 3M
Ground Mount Solar
Support Structure**

DAYLIFF





THE REHABILITATION OF A 1.1KW BOREHOLE IN NGUNDUNE VILLAGE, MERU COUNTY



About 275 km from Kenya's capital, lies Ngundune, a semi-arid region in Meru County, Kenya. The region is prone to draught every other year and as a result, is lacking in reliable sources of water. The ripple effect of this lack is hardship, displayed in increased levels of poverty, high incidences of faeco-oral infections, infestation of worms, and other water-related diseases. Davis and Shirtliff Meru, through the D&S #improvinglives program, have donated and installed a 1.1kw solar powered Dayliff borehole pumping system. The now rehabilitated borehole serves a population of 3000 people in the community. With water now accessible, the villagers now have the capability to explore economic activities, such as vegetable farming, and fish rearing. Incidences of water-borne diseases are also expected to decrease. During a most pompous and large commissioning ceremony, local leaders expressed their gratitude to Davis & Shirtliff for seeing the project to completion and for its tireless service to marginalized communities.





COST
KSHS 457,898

SOLUTION PROVIDED

**Galvanized Steel Ground Mount
3m Structure, Dayliff 1.1kw
Submersible Motor, Dayliff SV2
1.5kw 1ph Controller,
10 X Dayliff 150w 24vdc
Crystalline Solar Modules**

DAYLIFF



275
The
distance in
Kilometers
that Ngundune
lies from Kenya's
capital city
Nairobi

DONATION OF HAND WASHING STATIONS TO 10 SCHOOLS IN MURANG'A COUNTY



Gatanga, in Murang'a County, is one of Kenya's more picturesque locations. It is home to the Ndakaine Dam, which supplies water to most of Nairobi, and also home to the organization that conserves the dam, Ndakaine Dam Conservation Association (NDEKA). Davis and Shirtliff's #ImprovingLives initiative recently partnered with NDEKA to help prevent the spread of COVID 19 in 10 schools, 7 of which are within the county. The provision of hand washing stations will not only increase levels of sanitation in these schools, but also raise awareness, as most of rural Kenya still views the pandemic as a distant city problem. During the handing over ceremonies, the various Head teachers expressed their gratitude and appreciation for D&S's commitment to the community.



10

Number of schools that received handwashing stations from the #ImprovingLivesInitiative



COST
KSHS 278,400

SOLUTION PROVIDED

20 Handwashing Stations

DAYLIFF



MARIA INI SECONDARY SCHOOL RECEIVES A DAYLIFF DG7500 GENERATOR



Maria Ini Secondary School serves the Gatundu North community and provides boarding for girls. In Kenya, all students will take their final exams in March of 2022. At this time, candidates are settling into the very familiar routine of spending their weeknights in class, studying late into the night with their peers. Previously, the pupils of Maria Ini did not have this extra collaboration time as an option, because the school would often experience frequent power outage – until the D&S Kiambu Branch stepped in. The pupils are now taking advantage of the power provided by a Dayliff DG7500 generator at the school, which supports lighting points, five computers and security lights. With the donation of this generator, students of Maria Ini Secondary School can gain access to shared knowledge and the camaraderie of working with their peers towards a common goal.



COST

KSHS 83,000

SOLUTION PROVIDED

**Dayliff DG7500 Generator,
Cabling, Sundries**

DAYLIFF



NEED A **PROJECT** UNDERTAKEN?

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

www.davisandshirliff.com/csr-eligibility-form

THE DONATION OF A SOLAR BOREHOLE PUMPING SYSTEM FOR DUNIA VILLAGE, TIMAU



OVER 500
The number of lives impacted by the increased access to clean water

In partnership with Uhuru flowers, the D&S #ImprovingLives Initiative approved the donation and installation of a 4kw Dayliff solar powered borehole pump. The installation, implemented by D&S Nanyuki branch, included an array of 275w solar panels, mounted on a 3M ground mount Dayliff solar support structure. Having drilled a borehole in 2009, the beneficiaries at Dunia Village have gone 14 years without a reliable source of water. The donated solar pump will ensure increased access to clean water for over 500 people. In true expression of gratitude, the ribbon cutting ceremony was marked by cheerful singing, fervent prayer and generous gifting. The D&S Nanyuki Branch, in particular, walked away with two healthy, plump hens. It is the resolve of D&S to carry on in partnership with other organizations, to fulfill its pledge of Improving lives in the communities where the firm operates.





COST
KSHS 1,277,096

SOLUTION PROVIDED

Dayliff DS 5-44 4kw Borehole pump,
Sunverter 2 5.5kw 3ph Controller,
22 X 275w Dayliff Solar Panels,
44 X Dayliff UPVC Borehole Pipes,
DN40 Dayliff Water Meter,
PV Disconnect Switch

DAYLIFF



NZUENI BOREHOLE WATER PROJECT

There are 262 water projects in Kenya, 70% of which are initiated by local communities. Run by water committees that comprise of community members, they supply rural Kenya with most of its water. Despite their great success in increasing water access, community water projects often struggle to be self-sustainable. The Davis & Shirliff #ImprovingLives Initiative has partnered with Nzueni Self Help Group, to ensure the sustainability of Nzueni Community Borehole Project. Davis and Shirliff donated and installed an electric powered 3kw Dayliff borehole pumping system in Nzueni, ensuring community participation in order to promote project ownership. The Dayliff borehole pump now supplies water to over 5,000 community members. In her vote of thanks to Davis & Shirliff, the area chief applauded the firm for both its community involvement and establishment of the new Wote branch.



COST
KSHS 120,745

SOLUTION PROVIDED

Dayliff
DS3-45 3kw Borehole Pump

DAYLIFE



MAKING WATER MORE ACCESSIBLE TO STUDENTS IN KAKAMEGA COUNTY

Eshikomere girls is a Boarding school situated in Butere Sub County, Kakamega County. It has a population of 680 girls. The School had no access to water save for a stream two kilometers away. Pupils were required to make the trek to the stream to fetch water for their daily use. As expected, pupil enrollment as well as academic performance greatly suffered. Other issues such as student indiscipline and conflict with community members can also be directly traced back to the lack of access to a clean and convenient source of water. All of these negative effects stemming from the lack of access to water, can so easily change the direction of a pupil's life. Davis and Shirtliff, through its #ImprovingLives Initiative has donated and installed a Dayliff Sunflo solar pumping system to the school. The pumping system has been installed right in the school's compound eliminating the need to make the frequent and time consuming walks to fetch water. Pictured below is a commissioning ceremony attended by the Kisumu Branch led by Branch Manager Kennedy Ojunge.



COST
KSHS 379,769

SOLUTION PROVIDED
Dayliff Sunflo-X 1200h Pump
C/W Controller, 4 X Dayliff 330w
Crystalline Solar Modules

DAYLIFF



CELEBRATING WORLD WATER DAY: SOLARIZATION OF KUNCHU COMMUNITY BOREHOLE



Water has often been rightly described as the integral ingredient of life and at Davis and Shirtliff, all efforts have been made to improving the quality and management of this precious resource. Through the #ImprovingLives Initiative launched in 2020, the company and its partners have implemented 385 water projects across the region, improving 795,000 lives in the process. The availability of clean water is known to transform societies in terms of health, education, and economic prosperity and for this reason, World Water Day is observed annually by the UN in order to highlight the importance of sustainably managed freshwater. In commemoration of World Water Day 2021, the D&S #ImprovingLives initiative has solarized a water project in Kunchu community, Kajiado County that will benefit over 1,800 community members and particularly women who previously had to walk 34kms to access safe water for their daily use. The handing over of the water project was celebrated in a colorful ceremony, captured on video and available to view on [davisandshirtliff.com](https://www.davisandshirtliff.com).



385

The number of water projects that have been implemented across the region

COST
KSHS 557,266

SOLUTION PROVIDED

**16 X 200w Solar Modules,
Galvanised Steel Roof Mount
Solar Support Structure,
Sunverter 2 3.7kw
Controller**





1,800
The number of community members and particularly women who will benefit from the solarized water project



DONATION OF SOLAR WATER HEATING SYSTEM FOR ENGEDI CHILDREN'S HOME

The children at Engedi Childrens Home, Kitengela are a cheerful bunch. Their faces beam with such bright smiles for their caregivers, it is obvious that they are overflowing with love. Nothing about their demeanor portrays the tough deck of cards that life has dealt them. Engedi Children's home takes care of 28 children, all with severe cases of cerebral palsy. Some of them, have 95% brain damage. Yet all of them can afford to smile. It was a sober moment amongst Davis & Shirtliff staffers, as they attended a ribbon cutting ceremony to commission the donation of a 300l Ultrasun solar hot water system. With the solar water heaters, the children now enjoy daily baths and some physiotherapy when possible. Hot water may seem like a luxury to most, but to the cheerful bunch at Engedi Children's Home, their lives have truly been impacted. The ribbon cutting ceremony was attended by members of the CSR Committee, as well as the Kitengela Branch, led by manager, Amos Mutunga.



COST
KSHS 149,000

SOLUTION PROVIDED
Ultrasun UFS 300D Flatplate Solar Hot water system

DAYLIFF





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Improving People's Lives

DONATION OF AN ELECTRIC BOREHOLE PUMP TO MARALAL HIGH SCHOOL



In 52 years of operation, Maralal High School has not had running water flowing freely from their taps – until now. With the intervention of the late Dr. Kiveu, the school principal, The D&S #ImprovingLives Initiative approved the donation and installation of a Dayliff DS3/33 2.2KW 3ph pump in the school compound. During the ribbon-cutting ceremony, the deputy principal quoted Psalms 105:41 and likened the donation to an answered prayer. The school Head Boy, also expressed his gratitude, saying that they are thankful to have water in their school, "which is not usual". To crown the ceremony, the students were treated to a short mentorship session, given by D&S head of Credit Control, Mathew Ndongu. In attendance were D&S HO staffers, led by R&D manager, Gilbert Barasa, D&S Nyahururu Branch Manager, Titus Maina, members of D&S Isiolo Branch, led by Manager Paul Muchiri, and members of D&S Nanyuki Branch, Eddy Mwenda and Paul Shedo.

COST
KSHS 403,206

SOLUTION PROVIDED

Dayliff DSP5-24 (2.2kw) Borehole Pump, 4kw Dayliff Control Panel, 42 X UPVC Borehole Pipes, Installation Accessories

DAYLIFF





52
Number of years Maralal High School
has not had running water flowing freely
from their taps



THE PURSUIT OF EDUCATION IS THE PURSUIT OF A BETTER LIVELIHOOD

Davis and Shirtliff, in partnership with the Winds of Change Foundation provided solar lighting to Arapal Primary school. In recognition of the needs of the community in Arapal, the two firms partnered to install a solar lighting system that would be used to facilitate learning in the evening. The community and teaching staff all had words of gratitude to offer the two partners, and words of advice to the students. The recurring message of the day, was that

the pursuit of education, was the pursuit of a better livelihood. The ribbon cutting ceremony was used to launch both the solar lighting at the school, and a similar project for Buri-amia dispensary. The ceremony was attended by the Marsabit branch, led by its previous Branch Manager, Bellah Abong, as well as a representative team from the Winds of Change Foundation.



THE PURSUIT OF EDUCATION, IS
THE PURSUIT OF A
BETTER LIVELIHOOD





COST
KSHS 639,062

SOLUTION PROVIDED

Galvanized Steel Tin Roof Mount Structure/Watt, Battery Enclosure 600*600*1200mm Free Standing, Opti Sc-3kw Mppt Charge Controller, Opti Sp Efecto 3000 24vdc Hybrid Inverter, 12 X Dayliff 200ah 12v Sealed Solar Battery, 6 X Dayliff 330w Crystalline Solar Modules

DAYLIFF



DONATION OF SUNFLO SOLAR PUMPING SYSTEMS TO UWASI SECONDARY SCHOOL, KISUMU



Uwasi Secondary School is a public school in Usonga, Siaya County, Kenya. The school, with an enrollment of 250 students, has been experiencing water challenges. The school is an upcoming community school and due to its location, is faced with the challenges of water scarcity, both for the students and for the local community. The school board dug a shallow well and installed some storage tanks with the intention to harvest rain water. Still, their water problem persisted. The students would use archaic methods to fetch water from the well, and this was both inefficient and unsafe. Through the D&S Kisumu Branch, the school approached the D&S #ImprovingLives Initiative to assist them achieve water access. Davis & Shirliff donated and installed the Sunflo B 1000C Solar pumping system, which allows the school to get over 3500 litres of water per hour. Coming from a situation where they depended on rainfall for their water, the solar pump has greatly impacted the lives of both the students and local community.

COST
KSHS 301,190

SOLUTION PROVIDED

**Galvanized Steel Ground Mount
3m Structure, Dayliff Sunflo-B 1000c
Solar Pumping System,
10 X Dayliff Standard 3m Pipes**

DAYLIFF





3500
Litres of water per hour that the Sunflo B 1000C Solar pumping system can produce



KIBUYE GIRLS PRIMARY SCHOOL



Kibuye Girls is the only girls' primary school in Kisumu County, Kenya. It sources learners from unfortunate backgrounds such as the slums of Obunga, Manyatta Arabs, Kondelle and Kamakoha. The school approached the D&S #ImprovingLives Initiative after their water pumping system broke down rendering the borehole stalled and out of use. Davis and Shirliff, Kisumu branch, replaced the schools broken down 1.5kw borehole pump, along with other borehole accessories required. In a most colorful ribbon cutting ceremony, the school's principal expressed her sincere gratitude on behalf of the students and local community. The rehabilitated borehole now gives water to 800 pupils.



COST
KSHS 195,473

SOLUTION PROVIDED

Dayliff DS2-33 1.5kw Borehole Pump, 36 X Dayliff Standard 3m Pipes, Cabling, Accessories,





800
The number of pupils the rehabilitated borehole now gives water to

A 59 YEAR OLD RELATIONSHIP: THE STORY OF TABUGA WATER PROJECT



In 1962, one year pre-independence, Davis and Shirtliff installed a diesel propelled water pump at the Tabuga community borehole. In those days, the borehole was owned by a white settler who later sold the piece of land, in 1978, to the community. The borehole pump served the community well for several years, before they opted to switch to a mains-powered pump. As the years went by, the running costs of the borehole sky-rocketed, and power to the borehole was often disconnected, leaving the community without any other convenient access to water. Through the D&S Improving Lives Initiative, D&S Nakuru branch have installed a solar powered well pump which pumps over 4000l of water per hour into two 10,000l elevated tanks. This newly installed pumping system, powered by an array of seventeen 335W solar panels, allows for the affordable distribution of water to the community. Present at the commissioning ceremony were, Nakuru Branch Manager, David Ngure, Nakuru branch staff, D&S HO staff, local community leadership and community members.





COST
KSHS 1,193,675

SOLUTION PROVIDED

Sunverter2 7.5kw 3ph Controller,
30 X 330w Dayliff Solar Panels,
Galvanised Steel 3m Ground
Mount Solar Support Structure,
PV Disconnect Switch

DAYLIFF



B.L.TEZZA SOLAR LIGHTING PROJECT



The Davis & Shirliff #ImprovingLives Initiative has a soft spot for children, and often works with institutions that, in one way or another, are taking care of children. B.L Tezza Special School for the Deaf is a Government Public School that has an enrollment of 128 children, 100 of which are completely deaf. The school is located in Nyatike sub-county, in a remote area with high levels of poverty. Many of their students were previously at home, not receiving any form of formal education. The school had been plagued by frequent power outages, and in their search for a solution, the school's principal, Millicent Akinyi, approached the Davis & Shirliff #ImprovingLives Initiative for a solution. The initiative approved the installation of a solar lighting system, that would make learning easier and more productive. The lighting system, comprising six 200W solar panels and four Dayliff maintenance free solar batteries, was installed by D&S Kisumu Branch, under the leadership of Kennedy Ojunge.





100
Number of enrolled children who are completely deaf

COST
KSHS 798,000

SOLUTION PROVIDED

6 X Dayliff 200Ah Sealed Solar Battery, 6 X Dayliff 200w Solar Panels, 4 X 60w Solar Street Lights (Integrated), Steca 45A Charge Controller

DAYLIFF



Stanley
Pupil

I will be able to communicate at night

KAMUYU FARMERS



COST
KSHS 269,500

SOLUTION PROVIDED

Dayliff Sunflo-A 600H Solar Pumping System, Add Option SunTower Pv Support, Dayliff Galv. SunTower 2.4m 3000l

DAYLIFF

Kamuyu farm is set on a vast 2,800 acres of land, situated in Uasin Gishu County in Kenya. There is a settlement of over 7000 people on this land. The majority of the population here practices horticultural and dairy farming. However, most of those living near trading centers previously had no source of publicly available water save for a well that was fitted with a handpump that had long broken down. The D&S #ImprovingLives Initiative donated and installed a Sunflo A-600 pumping system, complete with a Suntower with PV support. During dry seasons, locals used to walk up to 6km in search of water whose quality is not always fit for human consumption. With the Dayliff Solar pumping kit, the well now supplies water to a primary and secondary school, a police post and the local community.



7000

Number of people in Kamuyu farm which is 2,800 acres of land

DONATION OF HANDWASHING STATIONS TO ESAMBA DOK PRIMARY SCHOOL, KISII, KENYA



While the African continent seems to have been spared from the worst of the pandemic, it joins the world in a cautiously optimistic walk into 2021. In this spirit, Kenya too has relaxed some of its COVID restrictions and opened its schools to all learners, in an effort to return to 'pre-corona' normalcy. There are more than 15 million pupils enrolled in both primary and secondary schools in the country. In its continued committed response to the pandemic, the Davis and Shirtliff #ImprovingLives program has donated hand washing stations to Esamba Dok Primary School, located in Kisii County, Kenya. The school has 480 learners enrolled, whose health and well-being is now a responsibility shared by the school. Proper sanitation remains at the forefront of this long running war with the virus. The commissioning ceremony was attended by the Davis and Shirtliff Kisii team, led by Branch Manager Denis Miranyi.



COST
KSHS 69,600

SOLUTION PROVIDED

5 Handwashing Stations

DAYLIFF



THE DONATION OF A DAYLIFF SOLAR POWERED PUMP IN INGOTSE, KAKAMEGA COUNTY



For Sam Anyembe, D&S HO staffer, some of his fondest memories of home were when his mother would send him to the stream about 300m away to fetch water in two 100 liter drums. It was all fun and games for him and his siblings but as they grew older, the realization that they lacked access to a convenient and clean source of water sunk in. Fetching water now became a laborious and time consuming chore. This was the reality for the entire Obulamu Community, where he is from. Davis & Shirliff Kakamega, through its #ImprovingLives Initiative, has partnered with the Obulamu water project to install a Dayliff DSD pump. The pump, powered by an array of fourteen 330W panels, now provides water to not only Sam's household, but to over 300 households in the community. The ribbon cutting ceremony was attended by D&S Kakamega, led by Branch Manager Loise Mutua.



300

Households in the community that will benefit from the project



COST
KSHS 1,091,888

SOLUTION PROVIDED

Dayliff DSD 8/23 3kw Borehole Pump, 14 X 330w Dayliff Solar Panels, Sunverter 2 3.7kw 3ph Controller, Galvanised Steel 3M Ground Mount Solar Support Structure

DAYLIFF

SWIMMING AS A TOOL TO ADDRESS WOMEN'S SAFETY



Drowning is often under looked as a public health threat. According to the Kenya police records, about 4,607 deaths in 2018 alone were caused by drowning. In Lamu, an island on the coast of Kenya, women and children make up 80% of the fatalities caused by drowning. To mitigate this risk, a local charity has set up on the island to teach swimming to this vulnerable group. Being a predominantly conservative community, there are some challenges around girls/ women swimming, which the charity specifically tackles head on. In its commitment to bettering the lives of the communities where we work, Davis and Shirliff, through its #ImprovingLives initiative and D&S Lamu has partnered with Pamoja initiative in this very noble cause. A large part of running the program includes treating the swimming pool to ensure high sanitation levels. Davis and Shirliff, has donated 6 months' worth of pool chemicals that will save the initiative a large sum of money which can be channeled to empowering more women and children to take charge of their fate.





4,607
Deaths caused by drowning in 2018 alone
according to the Kenya Police report

A group of people, including children and adults, are gathered around a swimming pool. Some are wearing blue shirts with the Davis & Shirliff logo. There are several large blue and white water treatment containers on the pool deck. A banner in the background reads 'DAVIS & SHIRTLIFF Community Activities'.

COST
KSHS 147,360

SOLUTION PROVIDED

- Chlorine 90 - 40kg,
- Magic Touch - 8ltrs, Algicure - 15ltrs,
- pH Minus - 15ltrs, pH Plus - 15ltrs,
- Flocculant - 15kg, Test Kit - 10pkts,
- pH Test Kit - 1pc

DAYLIFF



D&S RWANDA PARTNERS WITH LIVING WATER INTERNATIONAL TO DONATE DAYLIFF SUNFLO PUMPING SYSTEMS TO COMMUNITIES IN MUHANGA DISTRICT



Rwanda has fertile soils, and a precipitous, humid climate, making it an ideal location for farming activities. Despite this fact, the eastern and southern provinces are heavily affected by extensive dry periods. Muhanga district, is one of the eight that make up the southern province. To alleviate the water shortage caused by the dry spells in this district, D&S Rwanda have partnered with Living Water International to install solar pumping systems for the community. The Dayliff Sunflo 270H and Sunflo 150H solar pumps will increase water access to over 750 community members. The solar pumping systems have replaced broken down hand pumps that were time consuming to utilize as well as overly laborious. With the installation of the Dayliff Sunflo pumping systems, the community now fetches water quickly and conveniently from taps. Pictured below are D&S staffer Ildephonse Bakuramutsa and Richard Ndekezi, a representative from Living Water International, along with some community members, during the commissioning ceremony.



COST
KSHS 219,090

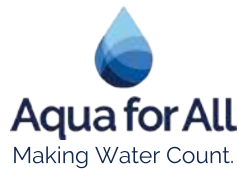
SOLUTION PROVIDED

Sunflo270H Solar Pumping System, Sunflo150H Solar Pumping System

DAYLIFF

PARTNERS

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



Ministry of Transport, Infrastructure
Housing, Urban Development and Public Works



WISH TO BECOME A PARTNER?

Should you wish to support us, please contact our CSR Office
on **0711 079 154**

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

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