



D&S CEO **George Mbugua**, MD **Edward Davis**, and Karura Board Treasurer **Angelica Kamuyu** join staff in planting trees for World Water Day 2025, marking the start of a 20,000-tree planting goal and reaffirming the Group's commitment to sustainability.

## FROM THE CHAIRMAN



Already we approach mid-D&S year and as usual it has been another busy period. Of particular note has been celebration of **World Water Day** on 22<sup>nd</sup> March when the vital importance of water is celebrated. Of course, with water as our business we are fully aware of its impact, especially in arid areas and we are proud of the big role we have played over the years bringing clean water to millions of people. This year the event was duly celebrated by the planting of **300 trees in Karura Forest**, the company having a target of **planting 20,000 trees throughout the Group**. This is a tangible contribution to the environment and water sustainability!

A particular focus of D&S is product innovation driven by the active product committee, which I chair. This is leading to an ever-expanding portfolio of products, some outside our usual activities like lawn mowers, air compressors and industrial chemicals though I would particularly mention the many initiatives being developed by the Engineering team led by **Gilbert Barasa** assisted by **Reuben Masoo**. These include **smart metering, integrated remote monitoring and control of building and factory systems, the development of a point of use water dispenser and the design and manufacture of complex system control centers**, some of which are

featured in this Newsletter. The Engineering activity is pioneering in many engineered solutions that were previously only available from offshore sources and we are proud of the fact that they are now locally available from indigenous engineers with lower cost, faster delivery and assured service support. The new **Tatu Engineering Center** is now nearing completion and the objective is to centralize this important capacity in a state of art facility that will enable the product portfolio to considerably expand.

I conclude by mentioning another international event recently celebrated at D&S - **International Women's Day**. We are proud of the many women within the Group and are actively developing women engineers and technicians where there is generally less prevalence in our industry. **Margaret Kuchio**, the Kenyan Branch Executive, enthusiastically leads the Company's efforts in promoting women's roles throughout the Group and on the day a panel discussion themed '**Accelerating Action**' was organized by Marketing Manager **Jos Musima**, which was extensively covered by the local media, highlighting the opportunities and challenges for women, especially in the Engineering world. The policy is to keep developing this talent pool and be a national beacon in utilising this enormous resource.

## PRODUCT INNOVATION



### WR PUMP & PRO DG PUMP CONTROLLER

Pedrollo, the D&S Group's key pump partner, has launched innovative new products now available through the D&S network.

The **PRO-DG** is an inverter-based controller for surface and submersible pumps up to 11kW, suitable for commercial, industrial, and agricultural use. Wall or frame-mounted, it enhances system lifespan, boosts energy efficiency, and protects against dry running, overcurrent, overheating, phase loss, and motor faults. It supports RS485 communication and can manage up to 8 pumps in cascade with other controllers.

The **PEDROLLO WR** series are heavy-duty in-line centrifugal pumps with flanged connections, ideal for civil and industrial applications. Designed for heating, cooling, and circulation systems, they feature a cast iron body with cathodic treatment and AISI 304 stainless steel impellers and diffusers for durability.



## D&S UGANDA PARTNERS WITH FLOWSERVE

The D&S/Flowserve partnership, launched last year in Nairobi, has been boosted by a partner event at D&S Uganda HO in Kampala. The event, mainly attended by industry professionals, marked a key milestone in expanding strategic collaboration across local markets in the region and thereby reinforcing the exclusive partnership between D&S Group and Flowserve across Eastern and Central Africa.

Building on its status as a global player in pumping technology, Flowserve, a leading innovator and multi-brand supplier, will continue to benefit from D&S Uganda's robust distribution, sales, and after-sales support network. With D&S's extensive market presence and technical expertise, the scaled-up partnership aims to strengthen service levels to reach more customers in the local market, ensuring a more effective and efficient delivery of products and services throughout Uganda and the broader region. Pictured at the event are D&S and Flowserve staff.



## D&S ZAMBIA INSTALLS ECOROCK 1000 AT LUNSEMFWA



Davis & Shirtliff Zambia, under Managing Director **Jonathan Mainga**, has supplied an ECOROCK 1000 Wastewater Treatment System at Lunsemfwa Hydro Power Station in Kabwe, Central Province. This landmark installation is the first of its kind in Zambia, marking a significant step toward advancing sustainable water management in the country. The system is designed to efficiently treat sewage and wastewater, improving waste management while promoting eco-friendly operations at the site. By reducing environmental impact and supporting cleaner water practices, the installation underscores Davis & Shirtliff Zambia's commitment to sustainability and innovative water solutions for the region. Pictured during the handover ceremony are D&S's **Lewis Kale** with Lunsemfwa Power Station's **Zanga Chella** and **Gabriel Mangasu**.

## D&S ARUSHA NELSON MANDELA SOLAR PROJECT

D&S Arusha, led by Branch Manager **Maimuna Kirumbi**, has installed an 80kWp Solar PV system with 300kWh of battery storage at the **Nelson Mandela African Institute of Science and Technology (NM-AIST)** in Arusha, Tanzania. The system will address rising energy costs and reduce reliance on unreliable utility power, ensuring continuous power for critical services and back up supply during outages. The installation features an innovative car park array design that optimizes PV module effectiveness whilst efficiently utilizing the available space. The Huawei equipment's smart power management technology will offer long-term cost savings with an attractive return on investment, supporting NM-AIST's sustainability and energy resilience goals. Pictured are D&S's **Kelvin Kasunsumya** and **Michael Kessy** with Client representative **Eng. Patrick Kivanda**.



## D&S PLANTS 300 TREES ON WORLD WATER DAY



**W**orld Water Day 2025 offered an opportunity for the D&S Group's 'Improving Lives' initiative to endorse its commitment to sustainability by planting 300 trees at **Kurura Forest**, a symbolic start towards the annual target of 20,000. To ensure the trees thrive, a water reticulation system was donated and installed to support the tree's growth to full maturity. This initiative reflects D&S's continued dedication to integrating Environmental, Social, and Governance (ESG) principles into operations, contributing to a sustainable future through responsible water management and environmental stewardship. Through this project, the Group continues to build a legacy of positive environmental impact for future generations. Pictured are D&S staff, led by CEO **George Mbugua** and MD **Edward Davis** with friends of Karura Board Treasurer **Angelica Kamuyu** celebrating this important step and planting trees.

## WATER SECURITY AT MUTAMAIYU PRIMARY SCHOOL



**T**hrough its 'Improving Lives' Initiative, **D&S Group**, in partnership with **Laikipia County** and **Bethel Network**, has transformed water access at **Mutamaiyu Primary School**. The newly launched borehole replaces costly water trucking and the need for students to carry water from home, a challenge worsened by the 2023 drought. With a sustainable water source, the school plans to plant fruit trees and support the wider community, enhancing both education and livelihoods. The project is a vital step towards improving local resilience and empowering future generations with better access to water and opportunities for growth. It provides not only a reliable water supply but also fosters long-term environmental sustainability. Pictured during the commissioning are D&S's **Titus Maina** and **Nur Riday**, Laikipia County Representative, **Joyce Kariuki** and Bethel Network Founder **Mary Ndung'u**.

## DAYLIFF

### FLEN FIRE PUMP SETS



**F**ire protection is essential in commercial, industrial, and high-risk buildings, with regulations and insurance standards often requiring certified pump systems. Locally assembled by **D&S Engineering**, the **Dayliff FLEN** meets these needs, fully complying with **BS EN 12845** standards for fixed firefighting systems. Built with premium components, FLEN units deliver high performance, energy efficiency, and long-term reliability - ideal for supplying water to sprinkler and hydrant systems. With increasing regional adoption, Dayliff FLEN sets are becoming the trusted choice for reliable and compliant fire safety solutions.

## DAYLIFF

### SMART WATER METERING FOR FMCG



**D**&S Engineering successfully completed a **smart water metering project** at a top FMCG facility in Nairobi. The scope included the supply and installation of advanced **smart cold water meters**, **boiler hot water meters**, and an **AMI** (Automatic Meter Infrastructure) system. The deployed AMI system featured specialized wireless technology and seamless **integration with the factory's IoT platform**, enabling real-time data access and optimised water usage management across critical operations.



## Did You Know ?

The amount of solar energy that hits the Earth in one hour is greater than the total amount of energy that the world uses in an entire year! This makes solar energy the ideal solution for meeting global energy needs sustainably while reducing environmental impact.

## D&S HOSTS POOL TRAINING IN COAST CLUSTER



D&S Kenya's **Coast cluster** branches—Mombasa Downtown, Nyali, Mtwapa, and Malindi have hosted over 200 **pool attendants** in a comprehensive training focused on pool products, chemicals, and best maintenance practices. This initiative demonstrates D&S's ongoing commitment to excellence in the pool industry. Pictured is the group, alongside Group Pools Manager **Stephen Muhia** and Mombasa HQ Manager **Yusuf Siraj**.

## D&S RWANDA ENHANCES SAFETY AT BUGESERA AIRPORT



**D&S Rwanda**, led by **James Ngugi**, have supplied and installed two advanced Dayliff FLA fire sets at Bugesera International Airport—bolstering emergency response, protecting critical infrastructure, and supporting Rwanda's vision as a regional aviation hub; pictured at D&S HQ post-assembly are Eng. **Lilian Mukoya**, **Kevin Ambundo**, **Daniel Ndegwa**, and **Aggrey Atila**.

## PAYGO EXPLORES SOLAR PUMPING SOLUTIONS



**Daylipa PayGo** has participated in **Took Kit's innovation hub** session in Kikuyu, where electrical and solar technicians gained hands-on experience with **solar water pumping** systems. The trainees were introduced to the key components, installation processes, and maintenance, while observing a live demonstration. The session emphasized the role of solar-powered pumping systems in providing sustainable and reliable water solutions. Pictured is the group after the session.

## D&S OPTIMISES WATER TREATMENT AT SAIFEE PARK



**D&S Engineering Support**, in collaboration with the **Water Treatment** department, have supplied and installed domed deep bed filters for Dawat Saifee Park estate, providing a reliable source of clean surface water to the community. This project underscores the vital importance of water treatment in ensuring safe and sustainable water solutions. Pictured are **Luke Okoth** with the technicians who designed and assembled the plant.

## D&S BOOSTS FIRE SAFETY AT RESIDENTIAL APARTMENTS



**D&S Sales Commercial**, under Manager **Jeconia Anyama**, have supplied a Dayliff **Fire Hose Reel** to a prestigious 17-storey residential apartment block in Kilimani, Nairobi. This installation ensures a readily available water source to quickly and effectively address fires in their early stages, helping to prevent significant damage. Pictured after production are D&S's **Luke Okoth**, **Nicholas Mutugi**, and **Aggrey Atila**.

## D&S KISII HOSTS TRAINING FOR COUNTY ENGINEERS



Innovation is a key driver at D&S, and ensuring partners are well-informed about the latest products is essential in demonstrating the organization's offerings. Recently, **D&S Kisii** hosted a comprehensive **training session** for county engineers, covering critical areas such as chemicals, water treatment, and solar solutions. Pictured is branch manager **Dennis Miranyi** with participants.

## D&S CELEBRATES INTERNATIONAL WOMEN'S DAY



D&S marked this year's **International Women's Day**, themed '**Accelerate Action**', with an interactive panel discussion. Key topics included gender equality in STEM, mentorship for young girls, and fostering inclusive work environments. The panel featured D&S Executive **Margaret Kuchio** and **Jos Musima**, WIWAS **Margaret Maina**, KAM **Nancy Murithi**, MMC Asafa **Esther Omulele** and Athi Water Works Eng. **Caroline Owako**.

## ENSURING EQUIPMENT RELIABILITY AND EFFICIENCY



**D&S Service & Repair Workshop** recently overhauled a **Seawater Reverse Osmosis pump**, to ensure its continued performance and efficiency. This service is part of the company's commitment to operational excellence across all sectors. Pictured with the repaired unit are **Grace Ochieng**, **Bernard Rono**, **Francis Muiruri**, **Sylvester Ochieng**, and **Kenneth Agunda**. D&S stocks a wide range of genuine spares to enable fast, reliable and cost effective service.