



10 YEARS WATER IS RIGHT

YEAR REPORT 2011 - 2021

WATER IS RIGHT

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Ethiopia

43 % of Ethiopia's population lacks access to an improved water source. Only around 28 percent of people nationwide have access to improved sanitation.

Open defecation is a daily part of life in 32% of Ethiopia's rural homes and 7% of its urban population. 23m people practice open defecation due to a lack of access to improved sanitation

Diarrhea, accounts for 23% of all deaths for children under the age of five. Only 32 % of health facilities in Ethiopia have access to safe water.

Benin

78% of the population had access to "improved" water, 85% and 72%, in urban and rural areas, respectively.

20% of the population had access to "improved" sanitation, 36% and 7%, in urban and rural areas respectively.

Dominican Republic

74 % of residents have access to clean water.

Approximately 2.65 million residents face water shortages and illnesses due to poor weather conditions.

Almost 24 % of residents do not have access to bathrooms.

Togo

60% of the population had access to "improved" water, 45% and 15%, in urban and rural areas, respectively. 12% of the population had access to "improved" sanitation, 10% and 2%, in urban and rural areas respectively.

Guinea-Bissau

75 per cent of the country's total population have access to improved drinking water source. The country wide assessment undertaken showed that approximately 50 per cent of existing hand pumps are actually not functional due to the lack of technicians or pump spares availability. This study also showed that 65 per cent of protected open wells are contaminated by faecal coliforms and water is unsafe for human consumption.

24 % of the population in Guinea-Bissau uses a safely managed drinking water service. 12 % of the population in Guinea-Bissau uses a safely managed sanitation service. 18 % of the population in Guinea-Bissau has a handwashing facility with soap and water available at home

Haiti

Access to clean, fresh water is a main concern in Haiti, where waterborne illnesses, such as typhoid, cholera, and chronic diarrhea, are the cause of more than half of the deaths in the country every year. Contaminated water is also one of the leading causes of childhood illness and the very high infant death rate in Haiti (57 for every 1000 births) .

India

6% of the population lack access to safe water. 229m people lack improved sanitation facilities. 15 % practice open defecation.

India draws 25% of the world's ground water.

Kenya

59% of people in Kenya have access to safe drinking water. 29% of people in Kenya have access to improved sanitation facilities.

Namibia

34% of the country's population has access to improved sanitation facilities. That percentage drops to 14% in the country's rural areas. The practice of open defecation, which occurs in 14 % of urban areas and 77% of rural areas, increases the spread of diseases and majorly impacts general health.

80% of households have access to clean water but only 60 % in rural populations have clean water access. 23% of schools in Namibia did not have sanitation facilities. 17 percent of children in Namibia suffered from diarrhea, with 20% of rural children suffering from diarrhea compared to 15% of urban children.

Nigeria

70,000 children under 5 years old die annually in Nigeria because of waterborne diseases and 73 % of diarrhea and enteric disease cases in Nigeria are due to limited access to clean water and sanitation.

Access to water supply was 67% and access to sanitation facilities was 41% as of 2013.

100 million Nigerians lack basic sanitation facilities and 63 million do not have access to improved source of drinking-water.

In rural areas, only about 42% of households have access to safe water.

The use of contaminated drinking water and poor sanitary conditions result in increased vulnerability to water-borne diseases. Only 26.5 % of the population use improved drinking water sources and sanitation facilities.

Currently, about 23.5 % of the population in Nigeria defecates in the open. Open defecation is one of the main causes of water contamination. Because of the lack of governmental infrastructure, managing waste disposal is up to communities and individual families.

Pakistan

In Pakistan, 80 percent of people living in 24 major cities do not have access to clean water. In the slums of Karachi, 16 million do not have access to running water.

Despite impressive progress, over 21 million people still have no choice but to drink dirty water, and one in three people don't have a decent toilet.

South Africa

More than 3 million South Africans lack access to a basic water supply" and more than 14 million South Africans lack "access to safe sanitation.

Tanzania

4 million people in Tanzania lack access to an improved source of safe water, and 29 million don't have access to improved sanitation.

12 % of Tanzanians practice open defecation.

In Tanzania, 17 % of people have no place to wash their hands while 35 % of the population have a hand washing facility but no reliable source of safe water or soap.



2011



UN-HABITAT "Messenger of Truth"

Founder Rolf Stahlhofen is recognized by the UN-Habitat for his work with Menschen am Fluß to raise money for flood victims and for Water projects in Africa.

In cooperation with UN-Habitat, he calls for the human right to water and sanitation and for water and sanitation projects to be implemented.

Rolf Stahlhofen uses the power of music to build an artist network to raise awareness of water as a human right and gain support for the foundation's goals. These include developing reference projects to gain knowledge about the feasibility of new technologies, and approaches specifically for decentralized systems that reduce the commodification of water.



Public launch of the Water is Right foundation in collaboration with UN-Habitat at the World Water Day 2011, Cape Town, South Africa

Rolf Stahlhofen writes and performs a song about water: "Water is Life".

Planning for the future of the Water is Right Foundation begins. Stahlhofen participates in the "Support My School" campaign with NDTV India, Bombay, India, among others.

The goal was to raise 1.3 million euros for 400 schools and 50,000 children. Today, the campaign reaches 10,223 schools with 1.9 million children.

WIR founder Rolf Stahlhofen travels to India to lend his voice to the campaign.





The Water, Energy and Food Security Nexus: Solutions for the Green Economy, Bonn Deutschland

The Water Is Right Foundation campaigns against the commodification of water. A highlight was a conversation with Nestlé.

Water is Right cooperates with water technology provider Lavaris, Germany

Thomas Willuweit, CEO of Lavaris, is collaborating with Water Is Right to develop the Water Box - a palletized water treatment system using a patented water treatment powder.



2012



World Water Day, Singapore

Rolf Stahlhofen participates in global water meetings to call for action to provide water at affordable prices for all people.

World Water Forum, Marseille, France

Water is Right and Lavaris presented the Water Box as a technological solution for water treatment on a small municipal scale.

CEO Karun Koernig and Rolf Stahlhofen discuss an offer from the Minister of Water of South Sudan to implement water infrastructure through the newly established country.

United Nations Day, Bonn, Germany

Rolf Stahlhofen sings the song "Water is Life" and raises awareness for the human right to water and sanitation.

UN-Habitat Governing Council, Nairobi, Kenya

Water is Right joins a statement on the right to water and sanitation.

2013



Kenscoff Children's Village and Day School, Kenscoff, Haiti

In partnership with NPH Haiti, Water is Right plans and oversees a project to treat drinking water for a school in the Haitian highlands.

Of the 800 children attending the schools, approximately 400 are orphans in the permanent care of NPH. Of these 400 children, 33 had significant physical and mental disabilities; some had behavioral problems; and some were living with HIV.

Seawater treatment in cooperation with the government of Yunnan province, Kunming city, China

Kunming City is a city of over 6 million people and the capital of Yunnan Province in southern China.

The provincial government needed a technology solution to improve the water quality of surface waters affected by eutrophication due to wastewater discharges.

Green Lake Park is a recreational area in the city of Kunming that contained two heavily polluted lakes. These were chosen to demonstrate the Lavaris technology.

Lavaris and Water is Right had partnered to produce the water treatment system using Lavaris' patented treatment chemicals CarbonAdd®, SeDox, AlgoTec Special.



2014



Zwia La Ngombe Primary School, Mombasa, Kenya

In partnership with the Udo Lindenberg Foundation, Water is Right provided a drinking water treatment plant (Water Box) for 1100 children.

CEO Karun Koernig designs plans and personally implements the project on site in Mombasa Kenya to ensure transparency and gather know-how. Rolf Stahlhofen and the representative of the Udo Lindenberg Foundation, Arno Köster, are present at the opening of the plant.

In addition to the water treatment system, a backup treatment system was installed along with extensive infrastructure upgrades.

The water system supplies the children and staff as well as the surrounding slum households during the summer months when water is scarce.

St. Joseph's House of Hope, Mtwapa, Kenia

In partnership with the Udo Lindenberg Foundation, Water is Right helped provide water to several hundred students at the vocational school.

Water is Right rehabilitated an underperforming well and installed a solar pumping system along with basic water treatment. It also installed a water kiosk for the local community.





Dance and Folks Festival Rudolstadt, Germany

Water is Right engaged over 20,000 members of the public at the festival by providing free drinking water.

Water is Right spend several days educating the public about water issues while donating free drinking water taken from the nearby river and treated on site.

Rolf Stahlhofen performed on stage in front of a large audience, speaking about water issues around the world and asking for donations for a water project.

Over 10,000 euros were raised for a water project that will benefit the Wagogo dance troupe that performed at the festival.

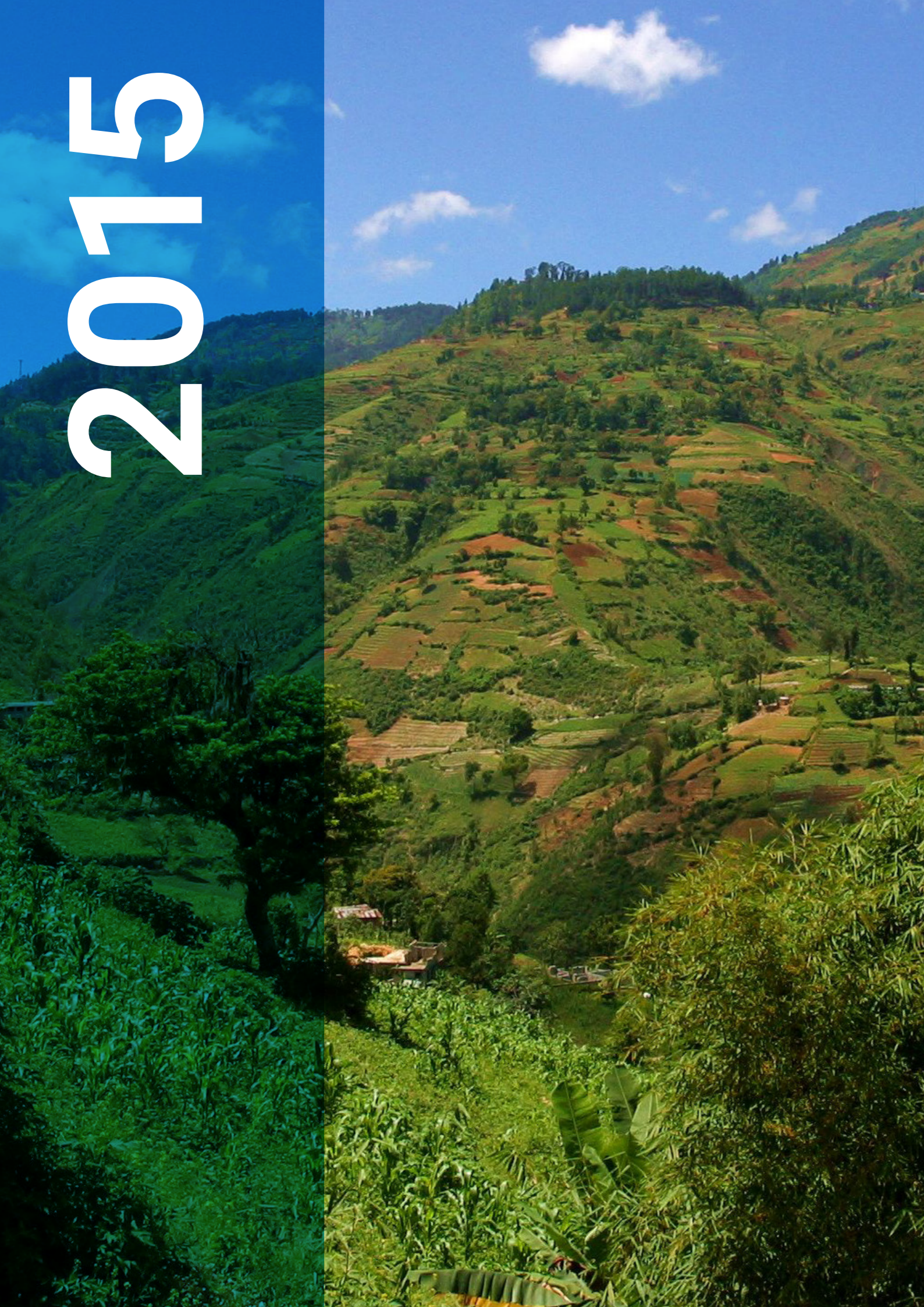
Project evaluations and grad applications, Oakistan and Kenya

Water Is Right conducted a comprehensive assessment of several projects that were technically acceptable but for which funding was insufficient.

One proposal came from the German Drug Relief Organization to improve hygiene behavior and introduce adequate water and sanitation facilities in 10 schools and 34 villages in Mirpurkhas, Pakistan.

Another proposal came from the Lake Victoria region of Kenya to install a two-kilometer pipeline extension from a village near Usoma, Kenya.

2015



Ziwa La'Ngombe Primary School, Mombasa, Kenya

Water is Right, in partnership with the Udo Lindenberg Foundation, provided funding for the ongoing operating costs, repairs and maintenance of the Water Box treatment system.

In addition, training was provided for a new water system operator.

St. Francois d'Assise Vocational School, 'Tabarre, Haiti

In collaboration with NPH Germany, Water is Right installed a drinking water treatment system for 200 students at a vocational school in the Tabarre district of Port au Prince Haiti.

CEO Karun Koernig personally designed and built the system and trained 10 Haitian students who participated in its construction.

Extension of the water system Kay St. Helene School, Kenscoff Haiti

After the successful installation and commissioning of the UV drinking water treatment system in 2013, the school asked to write a report proposing methods to treat water used for showering.

One goal was to suggest ways to reduce skin irritation and infection among the children.

Project evaluations and grant applications, Kenya

The Footsteps into Change project applied for funding to drill a borehole that would have benefited an entire Maasai tribal community in Kenya. The project was not feasible due to insufficient funding.



2016



Project scoping mission New White House Academy, Voi Kenya

Together with the Udo Lindenberg Foundation, Water is Right conducted a project feasibility visit to explore ways to improve the procurement of water for a boarding school that will serve 200 students from low-income families.

Arno Köster of the Udo Lindenberg Foundation and WIR Executive Director Karun Koernig traveled to Voi Kenya to gather information for planning the joint project.

The school was spending 2,000 euros a month to deliver drinking water by truck and could use a well or a municipal water connection.

Improving the water supply could improve irrigation and thus food security, but most importantly allow valuable resources to be spent on educational opportunities.

Official meetings with the Water Authority of Taita-Taveta County, Kenya

Water is Right CEO Karun Koernig advocated for the New White House Academy to be connected to the tap water system.

Meetings with schools and clinics in Taita-Taveta County, Kenya

Arno Köster of the Udo Lindenberg Foundation and Executive Director Karun Koernig met with various government schools and clinics in the area to discuss connecting them to the tap water system.

From left to right:
Clinic representative, Arno Köster of the Udo Lindenberg Foundation, Clinic representative, Karun Koernig CEO of WaterIsRight Foundation



Scoping-Mission, Tanzania

With funding from the Rudolstadt Festival and other sponsors, WIR project manager Nancy Shu was sent on a project planning trip to Tanzania.

The projects studied were a water supply and treatment system for Majeleko, the home village of the Wagogo dancer group that had performed at the Rudolstadt Festival. Ms. Shu also visited Makuyuni village, where a clinic needed an overhead tank for expanded water storage.

Installation of a water storage tank in a clinic in the village of Makuyuni, Tanzania

In partnership with development NGO Tandia eV, Water is Right provided funding for the installation of a much-needed overhead water tank to provide clean water to a health clinic serving the Tanzanian village of Makuyuni.

Installation of a pipeline and water treatment plant in the village of Majeleko, Tanzania

The village administration of Majeleko rejected the location of the water treatment system, but after some negotiations with the project manager Mrs. Nancy Shu, the work began.

A 2.5 kilometer pipeline was installed with the labor and support of the villagers. This allowed water from a nearby river to be piped into the village, reducing the time needed to obtain water.

WIR Project Manager Nancy Shu was on site to install a reverse osmosis drinking water system to remove bacterial and fluoride contamination.



2017



Maintenance and operation of the Ziwa La Ng'ombe water system, Mombasa, Kenya

Water is Right continued to assume responsibility for providing funding for the maintenance, operation, and repair of the potable water treatment system installed in 2014.

WE performed extensive water quality testing, filtration changes and cleaning of the main water storage tanks. This ensured that over 1100 students can continue to enjoy clean drinking water, wash their hands, and take some drinking water home to their parents. Water is Right conducted a feasibility study to determine if additional filtration or solar power would be a good addition to the system.

New well drilled by the White House Academy, Voi, Kenya

After the 2016 planning meeting, Karun Koernig and Nancy Shu evaluated a number of proposals from drilling contractors. The plan was to drill to about 80 meters. However, 100 meters was planned just in case. At 80 meters, there was only a trickle, and at 100 meters, the flow was insufficient for the school's needs. A quick decision had to be made whether to drill at a new location or continue the work. Fortunately, water was eventually found in sufficient quantities at 136 meters. In the following months, a pump, a high storage tank and a solar station were built.





Feasibility Study for the Water System of St. Mary's Hospital, Port au Prince, Haiti

St. Mary's Hospital serves over 35,000 people from the Cité Soleil slum in Port-au-Prince, which is home to over 200,000 people. Slum dwellers often have no access to urban infrastructure.

Most slum dwellers draw their water from unprotected shallow wells that are often contaminated by dangerous pathogens. In a country that had recently experienced cholera outbreaks, this was a serious matter.

Karun Koernig was asked to study the feasibility of implementing a water treatment plant for the hospital as well as a kiosk for the surrounding community. Unfortunately, the cost of the project exceeded the Foundation's resources at the time.

Feasibility study for a mobile water treatment system, Bissau, Guinea-Bissau.

According to UNICEF, about 50% of well hand pumps are inoperable due to lack of technicians and spare parts, and about 65% of wells are contaminated with fecal coliform.

Water is Right received a request to conduct a feasibility study for a mobile water treatment system

The analysis conducted by CEO Karun Koernig indicated that such a system would be feasible and would generate a likely 14% return on invested capital with a reasonably dense urban or semi-urban customer community and free access to the raw water supply





Pre-Qualification of Schools Project, Zentralkenia

After evaluating the most successful projects, Water is Right concluded that supporting public institutions such as schools and homes for orphans and vulnerable children should be a priority. Particular focus should be given to disabled children and young people and those from socially disadvantaged backgrounds.

To further support this goal, it was decided to compile a list of pre-qualified projects.

This survey was conducted at suitable facilities within a 150 kilometer radius of Nairobi, Kenya, each of which was personally visited by Water is Right representative, Ms. Tabitha Wacheke.

Her final report recommended eight projects, ranging from boreholes to sanitation upgrades to water treatment systems. The schools were: Children's Hope Home; Grace Community Home; Machakos School for the Deaf; Masaku School for the Physically Handicapped; PCEA Home for the Mentally Handicapped; Blessing Children's Home; Star Center for the Handicapped; and Thika High School for the Blind.

With the intervening global pandemic, it would take another 3 years for WIR founder Rolf Stahlhofen to raise funds for and complete 4 of the 8 original projects.

Project evaluations and grant applications, Guinea Bissau and Namibia

Water is Right evaluated the application for a solar water pumping system in Djabicunda, Guinea-Bissau, to fill a 20,000-liter above-ground storage tank. This system would replace the diesel-powered pumps currently in use. Unfortunately, the Foundation did not have sufficient funds for this project.

Another project evaluated was a borehole well with solar pump for a school in Ongombonbonde, Namibia. The idea was to irrigate a school garden that would produce tree seedlings for sale and also vegetables for the students. Unfortunately, there were not enough funds for this worthwhile project.

Association of Water is Right und Join the Pipe, Amsterdam, Niederlande

"Join the Pipe" was launched in the Netherlands as a movement to connect everyone everywhere with clean tap drinking water. At the same time, the campaign aims to promote the value of high-quality tap water, which is affordable in European countries, over the widely used disposable water bottles.

This idea is promoted through a uniquely designed reusable water bottle, with proceeds benefiting water projects in developing countries.

Water is Right became a Join the Pipe partner in the Netherlands, and WIR founder Rolf Stahlhofen expanded the concept to include high-quality "premium" tap water dispensers and sustainable WIR bottles.



Nigeria Sanitation Project, Borno State, Nigeria

Following a meeting between Karun Koernig, CEO of Water is Right, and His Excellency Yusuf Tuggar, the Nigerian Ambassador to Germany, it was decided that Water is Right and the Nigerian government would work together to install 500 toilets in the northern state of Borno .

The state had been devastated by the terrorist group Boko Haram and the government was eager to accelerate infrastructure development there.

The project was to install 500 toilets donated by a German plastics manufacturer in public facilities such as schools and hospitals in Borno State through the Presidential Committee for the Northeast. Rolf Stahlhofen, launched a campaign to raise additional funds for the project before it could proceed.

Memorandum of Understanding mit UN-Habitat, Kuala Lumpur, Malaysia

During the UN-Habitat World Urban Forum 2018 in Kuala Lumpur, Rolf Stahlhofen and Marco Kamiya, Acting Chair of UN-Habitat's Urban Economy Branch, signed a Memorandum of Understanding (MoU) to collaborate on youth and water and sanitation.

This MoU paved the way for future collaboration on sanitation projects in Kenya in 2020 during the global COVID-19 pandemic.

Evaluation of LED technologies for use in water treatment, Kentucky, USA

Once installed in an industrialized country, drinking water treatment technology often has a shorter life than usual. This is because parts and technicians are expensive and project beneficiaries have difficulty managing the maintenance schedules of sensitive equipment.

For UV treatment systems, two important tasks are cleaning mineral deposits that reduce germicidal power and replacing the traditional mercury-containing UV lamp annually.

Newer UV LED systems last for decades, contain no mercury and produce little to no mineral deposits.

CEO Karun Koernig conducted the evaluation and determined that this not only had the potential to reduce maintenance costs, but also to allow water treatment systems to run directly off solar panels without the added cost of batteries and inverters. This could increase the affordability of small-scale UV water treatment.

2019



Recommissioning of the Ziwa La Ngombe water system, Mombasa, Kenya

Water is Right and the Udo Lindenberg Foundation financed the ongoing operation and maintenance of the water treatment system for 1100 primary school children in the slum area of Bambolulu.

After nearly 5 years of operation, teachers and administration were unable to run the system independently.

CEO Karun Koernig recommended replacing several major components with more user-friendly options in the hope that the water system could be operated and maintained independently in the future.

European Innovation Award German Council of Shopping Centers, Frankfurt/Main, Germany

WIR founder Rolf Stahlhofen was recognized for the concept of using branded premium tap water dispensers together with branded reusable bottles.

Stahlhofen's idea was to address the interconnected challenges of climate and plastic pollution created by single-use bottled water.

Stahlhofen wanted to make tap water a premium good for those who can afford expensive bottled water and use the proceeds to make water affordable for the poor.



UN-Habitat Global Strategic Dialogue, Mannheim, Deutschland

WIR founder Rolf Stahlhofen had the honor of delivering a keynote address to increase the motivation of global urban thinkers to address the realization of the human right to water and sanitation.



Refillable bottles for the Wacken Open Air Germany

The world's largest heavy metal music festival "Wacken Open Air" was the first major event to implement the concept of branded reusable water bottles and tap water dispensers.

During the festival, communications manager Iman Gerowgan and volunteers distributed WIR-branded bottles and promoted the human right to water and sanitation to audiences. Many international artists such as ICE-T feat. Bodycount, Santiano, Within Temptation, Opeth or Chuck D (Public Enemy) supported the project.

Water is Right used the event to promote the human rights agenda, but also to draw attention to the foundation and its projects. Proceeds from the purchase of reusable water bottles were used to fund WE water and sanitation projects.





Zermatt Unplugged Festival, Switzerland

Water is Right founder Rolf Stahlhofen and CEO Karun Koernig were invited to Zermatt Switzerland to promote the idea of water and sanitation as a human right through one-on-one meetings and through concerts initiated by Rolf Stahlhofen.

Farm Input Promotion Society and Water is Right explore partnership, Nairobi, Kenya

Karun Koernig and Melanda Schmid, deputy CEO of FIPS, held talks in Nairobi to explore joint projects that could promote microirrigation to increase vegetable production for smallholder farmers.

Visit to the water treatment system in Majeleko, Tanzania

In November 2019, WIR Project Manager Nancy Shu traveled back to Majeleko village to tour the project. The 2.5-kilometer pipeline and electric pump WIR installed has saved women and children thousands of hours fetching water over the past three years.

Hundreds of women and school children have had access to tens of thousands of liters of clean drinking water. And most gratifying, the incidence of disease has declined, especially among children.

Unfortunately, due to political disagreements within the community, the project was discontinued after three years.

Project evaluations and grant applications, various countries

Karun Körnig has evaluated 2019 project proposals and partnerships in the following countries: Kenya, Dominican Republic, Haiti, Nigeria, Togo, Benin, Tanzania, Ethiopia and Guinea-Bissau.

Given the resources available, we cannot pursue all proposals or project opportunities, but each was given due consideration. As a result of Koernig's research, it was determined that the next country and project would be a hospital modernization project in Bauchi State, Nigeria.



2020



Establishment of a partnership with the government of Bauchi State, Nigeria

The project grew out of an unusual circumstance. Two years earlier, a German plastics manufacturer had agreed to donate 500 toilet cisterns to Water is Right. However, they left it up to the foundation to raise the free funds needed for shipping and installation.

In 2018, WIR founder Rolf Stahlhofen had signed a memorandum of understanding with the representative of the Nigerian government, His Excellency Ambassador Yusuf Tuggar in Berlin, to use them for hospitals and schools in Borno State.

After further investigation by Karun Koernig, it became clear that the type of toilets were unsuitable for the needs in Nigeria, and the Nigerian Ambassador proposed an alternative project in his home state of Bauchi.

There were over 17 hospitals in Bauchi State, each of which needed specific repairs and upgrades.

Project design, planning and Implementation, Bauchi Nigeria

For the Bauchi project, Karun Koernig designed a novel project experiment to radically increase efficiency in achieving project results

WE project manager Ms. Nancy Shu was to go to Bauchi, visit all the hospitals with local officials, and jointly create a comprehensive plan. She was then empowered to put the donated funds to the best possible use for the citizens of Bauchi. Of course, with financial oversight from Water is Right.

Because Ms. Shu was authorized to use funds immediately, officials and local suppliers were highly motivated to cooperate, and Water is Right stayed for over 6 weeks to oversee the implementation of projects at the selected hospitals. By combining planning and implementation, Water is Right maintained project momentum and political goodwill remained at an exceptionally high level. This was extremely important as the Bauchi government provided housing, security, transportation, and access to the hospitals.

The achievements of WE Project Manager Ms. Nancy Shu were so impressive that she was awarded honorary citizenship of Bauchi State Nigeria.





Hospital hygiene modernization project, Bauchi, Nigeria

In the specialty hospital, 175 toilets, bathrooms, showers and sinks were upgraded or rehabilitated as part of the project. Every day, 5250 patients, staff and families would access these facilities.

At Kirfi Hospital Water is Right succeeded in improving 18 toilets, renovating bathrooms, showers and sinks, rehabilitating 18 and improving access to sanitation for 540 people per day.

At Gamawa Hospital, over 50 toilets, bathrooms, showers and sinks were improved, which together serve over 1500 people per day.

The Bauchi State Government estimated that Water is Right's modernization activities improved access to critical sanitation infrastructure for 2,660,850 patients, staff and families.

This success was all the more remarkable given that the work was achieved during the global COVID-19 pandemic under the most severe circumstances and with an extremely modest budget.



Projects for the production of sanitary products for women, Bauchi, Nigeria

In the course of implementing the hospital modernization project, WE project manager Nancy Shu noticed that many women she met lacked soap because it was simply unaffordable.

Ms. Shu decided to do something about it and procured the materials, permission and funds to train over 200 women to make liquid soap for home use.



Mathare Youth Environmental Conservation Group (MYECG), Mathare (Nairobi), Kenya

UN-Habitat and the Government of Canada approached Water is Right to act as financial and administrative overseers for funding they wanted to give to youth groups.

The funding was used to establish hand-washing stations and public health education in hard-to-reach areas like the slums. As a result of the program, the MYECG youth group established eight handwashing stations and over a 120-day period, more than 392,648 handwashes were registered. In addition, thousands of low-income slum dwellers were educated and engaged on COVID-19 hygiene measures such as mask wearing.

Mandera Anti-Drugs Movement Youth Group (MADMO), Mandera, Kenya

Again, Water is Right acted as project management and financial reporting support for the MADMO youth group, which received funding from the Canadian government for COVID interventions. MADMO managed to provide five handwashing stations, over 200,000 handwashes were conducted, and over 2400 people were reached with COVID public health information during the project period.





Nyota Ng'Arayo Primary School, Mombasa, Kenya

The elementary school is set up to support children from low-income households and offers a soccer program that is popular with the children. The school's sponsor, Club Fit for Life, wanted to provide fresh, clean drinking water for the children during school hours and especially after soccer matches. This is especially important in the oppressive tropical heat of Mombasa.

Water is Right Project Manager Nancy Shu not only installed a drinking water system for 270 students, but also implemented a disinfection system for the water used for showers, toilets, kitchen and hand washing. In total, eight toilets and four showers were repaired and upgraded, and we installed three hand washing stations and two drinking water stations.

2021



Kenya Water, Sanitation and Hygiene (KENWASH) Projekt, Kenia

In 2018, after several years of fundraising by WIR, the Foundation was finally able to support the eight schools and children's homes that were originally prequalified for water projects through Ms. Tabitha Wacheke's report.

The prequalification report supported Stahlhofen's fundraising efforts. Of the 8 schools, WIR Goldgarn Denim, Club Rotarier Essen Ruhr, Rotary Club Heidelberg International and Rotary Club Mannheim provided sufficient funds to allow 4 water and sanitation facilities to be upgraded. CEO Karun Koernig oversaw the implementation of the projects through Project Manager Nancy Shu.

Grace Community Children's Home, Nairobi, Kenia

Grace Community is located in a slum area on the outskirts of Nairobi and cares for about 150 orphaned children and youth, mostly under the age of 12. The area around the house is quite dirty. There is a garbage dump directly behind the house. The main house is built of steel sheets with a muddy courtyard for sports and gatherings.

Most of these children were abandoned by their parents or found themselves on the streets and were picked up and placed in this home.

When WE arrived, there was no running water and the children had to crawl on all fours over muddy ground to haul water bucket by bucket from a shallow well. Shower stalls were non-existent, toilets were unsanitary pit latrines, and entire sections of the house lacked water.

WE was able to significantly improve the lives of 150 children and youth by installing modern pumps, tanks, towers and piping. In addition, four toilets and two showers were completely rebuilt or renovated to sanitary standards, and a laundry station, hand washing station and community water sales point were built from scratch. In addition, drainage and gravel paving was laid in the main courtyard to improve hygiene standards and prevent the dumping of kitchen waste and garbage.





Tuwapi Tumaini (Let us give them hope) Youth Home, Gathiga, Kenya

Tuwapi Tumaini is located in a semi-rural area and caters to 70 street youth who have undergone rehabilitation and now want to go to school.

The home is made of solid masonry and the school grounds are well maintained. The youth home needed a submersible well pump, a high tower and a water tank to generate enough water pressure to irrigate the vegetable gardens. In addition, this water is used for showers, toilets, and hand washing.

Water is Right also upgraded the drainage system and the girls' toilets and installed a high-quality masonry hand-washing station.

PCEA Karatina School for the Mentally Challenged, Kiambu, Kenya

The boarding school is located in a very remote rural area and serves as a home for over 70 mentally handicapped children and adolescents.

The overall infrastructure is in good condition, with general sanitary conditions and well-built housing. The biggest challenge for the school teachers was the lack of a reliable water source, as it had to be trucked in three times a week. They also needed a larger handwashing system, as children take a long time to wash their hands, faces and teeth.

Water is Right provided a hand washing station and sponsored the water truck for some time. We were also informed that they had drilled a well but needed financial support for the deep well pump and solar power system.





Machakos School for the Deaf, Machakos, Kenya

Machakos School for the Deaf is a government-funded school in Machakos County, a semi-arid region in eastern Kenya. It is a boarding school for boys and girls, currently serving 227 special needs students with hearing disabilities.

The district's piped water is only available intermittently. At the start of the project in 2021, municipal water had been shut off due to an unpaid bill and a fraudulent scheme.

As for the drilled wells, much less water was drawn than in previous years. The school administration told WE project manager Nancy Shu that the well was drilled in the 1970s and the solar pump was installed in the 1980s and has long been in need of maintenance....

The school's idea was to supplement its well water with rainwater. Machakos is a semi-arid area of Kenya. However, rain falls in the months of April, May, November and December. On average, the country receives 1062 mm of rain per year. It was decided that WE would install a rainwater harvesting system consisting of gutters on five buildings and five 10,000-liter tanks. The school reports that all water tanks are full and the system is working well.

St. Justine Primary School, Kidatu, Tanzania

Water is Right Project Manager Nancy Shu traveled to St. Justine School in Kidatu, Tanzania, at the request of a donor to conduct a site visit.

St. Justine has 93 students, including many orphans and street children from families whose parents have separated or died of HIV.

Urinary tract infections are the most common illness affecting both students and teachers. Stomach pain and diarrhea are common among both teachers and students.



Impressum

Water Is Right Foundation

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