



## Rotary Club of Kilifi Water and Sanitation Project



*At the dedication of the girl's toilet block at Petanguo*

The Rotary Clubs of Kilifi and Eynsham, UK and Vinings, Georgia, USA, have been working for a number of years to bring toilets to primary schools in Kenya's Ganze Sub-County. These projects fit into three of Rotary International's Areas of Focus – Fighting Disease, Providing Clean Water, and Supporting Education. As the clubs have gained experience in implementation, the projects have gotten more holistic and more efficient. This prospectus is to serve to raise funds through club contributions, district matching grants, and global grants to continue to assist schools in providing adequate sanitation to their students.

Kilifi County is located along the Kenyan Coast. According to Kenya Poverty index, Kilifi is at 71.4%. It also experiences low literacy level 48% transiting to Secondary school and 1% joining university. The county estimates approximately 260 primary schools serve upwards of 300,000 children.

Primary school student enrollment numbers have surged in Kenya since the introduction of universal free primary education in 2003, this has placed severe strain on school infrastructure. This is particularly true in rural areas, where the schools that existed have become overcrowded, and new schools have not been allocated enough resources. Adequate sanitation is one such need that has not been properly met in Kilifi's public schools, toilets in schools are characterized by unclean and poor physical condition thus creating poor learning environment especially impacting the girl child. Further



*Collapsed toilet at Petanguo primary school*

most toilets lack water supply, a door for privacy purposes this often resorts to open defecation.

According to the Kenya school safety standard manual that is in line with the World Health Organization it recommends a maximum student to toilet ratio of 25:1 for females and 30:1 for males. Some of the schools in Kilifi County have upwards of 100 students for 1 toilet. All over the world, research has shown direct links between adequate sanitation and educational achievement. A number of studies report that 1 in 5 students do not complete primary school – this number reflects a disproportionately large number of female students, who miss school



*Grand opening of boy's toilet block at Mariani Primary School*

regularly if adequate and clean facilities are not provided at school. UNICEF reports that 31 million girls of primary school age were out of school in 2013. “Adolescent girls that attend school delay marriage and childbearing, are less vulnerable to disease including HIV and AIDS, and acquire information and skills that lead to increased learning power.” (“Girls Education and Gender Equality”, UNICEF, [http://www.unicef.org/education/bege\\_70640.html](http://www.unicef.org/education/bege_70640.html)).

The Rotary Clubs of Kilifi, Eynsham and Aylsham, propose to address the problem through a Global Grant to continue to build toilets in primary schools in Ganze. The Rotary Club of Kilifi has, through past district and global grants, built 11 blocks of 6 toilets (total of 66 toilets) in 6 different primary schools in the Ganze area. Due to experience and research, the Rotary Club of Kilifi has seen a great need for further toilets to be built. The clubs are proposing to build off of this experience, knowledge, and contacts to continue building toilets at public schools in Ganze through a new global grant.



*Completed new toilet block at Mariani Primary School*

Specifically, the project will do a number of things. Primarily, the funds will be used to build blocks of 6 toilets at primary schools in Ganze Sub-County. Toilets will be built according to a plan laid out by the Ministry of Public Health and Sanitation in partnership with the local authorities and PLAN International, a global organization that has initiated water and sanitation projects in Kenya for many years. Labor and materials will be locally sourced, and the Parent Teacher Association of each school will be directly involved. This has over time shown to foster the growing the relationship between the community and the Rotary Club of Kilifi.

The project will also provide hand-washing stations at each block of toilets, water tanks at schools that have an unstable supply of tap water and no storage provisions, and sanitary towels including health education for female students on feminine hygiene.



*Sanitary towel distribution*

In the last global grant, the Rotary Club of Kilifi received \$40,000 to build 6 blocks of 6 toilets. This goal was successfully achieved, and the club is currently finalizing on the monitoring and evaluation of the project and the water tank provision where needed. For the new global grant, we propose to assess schools on a holistic basis – providing 2 blocks of toilets, 2 hand-washing

stations, water storage provision, and sanitary towels and health education. An estimated need of \$12,000 per school has been developed based off the attached simplified budget. The amount of schools that can be selected will depend on fundraising success.