

**For Immediate Release****February 26, 2018****LIXIL Corporation**

## **LIXIL to Provide UN-Habitat with Sanitation Facilities for Kalobeyei Refugee Settlement**

*LIXIL's Green Toilet System to help improve sanitation and self-reliance for refugees and host communities*

**Tokyo, Japan** – LIXIL Corporation (LIXIL), a global leader in the housing and buildings industry, announced today it has been awarded a contract by UN-Habitat to provide its Green Toilet System – a waterless and sustainable sanitation solution - for the Kalobeyei refugee settlement in Turkana County, Kenya. Designed for areas without access to water and sewage systems, the Green Toilet System will improve access to clean and safe toilets in the settlement and help refugees become more economically self-reliant by converting waste into fertilizer for crops.



*A panorama of the Kalobeyei settlement in Northern Kenya (Source: Takeshi Kuno)*

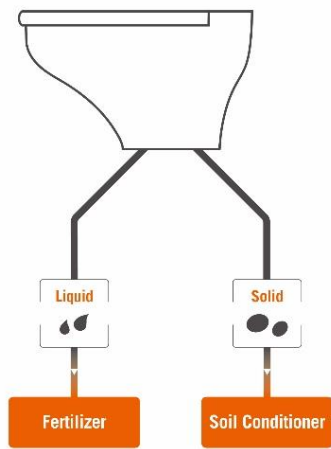
There are currently 38,000 displaced people living in the Kalobeyei settlement. Every year, the influx of refugees into Turkana County continues with many coming from neighboring South Sudan. While most refugee camps in Kenya are designed to only temporarily deal with emergencies, displacement in the region has now carried on for over two decades. The Kalobeyei refugee settlement aims to provide a longer-term solution by promoting the economic self-reliance and social integration of refugees, reducing the burden of hosting refugees and enabling local communities to also participate more equitably in the hosting process.

Supported by the Government of Japan, UN-Habitat partnered with UNHCR and the Turkana County Government in Kenya in 2016 to promote the development of community-based, sustainable livelihoods and climate-resilient infrastructure in the settlement. The partnership is now piloting sustainable urbanization strategies, including for sanitation.

"Our approach at Kalobeyei is based on a participatory process that involves the local government and local communities, helping us create more sustainable solutions. We are now also working with private

sector companies, such as LIXIL, to implement innovative technologies adapted to local conditions and for the benefit of both refugees and host communities. Through this broader approach, we believe that we can provide inhabitants with not just a place to live, but also help them achieve more sustainable livelihoods.” said Yuka Terada, Programme Management Officer of UN Habitat.

The Green Toilet System offers a recycling-based system to treat waste. The toilet separates solid and liquid waste, enabling maintenance workers to collect the waste from tanks and transport it to a treatment facility. Once turned into fertilizer and soil conditioner, it can be used for farming. The Green Toilet System also requires no water to transport human waste, circumventing the need for a traditional sewage system while protecting groundwater from contamination. LIXIL has worked on the research and development of the Green Toilet System since 2008, and conducted pilot tests in Kenya in cooperation with the Japan International Cooperation Agency (JICA).



*The Green Toilet System separates liquid and solid waste to prepare it for safe treatment and conversion into fertilizer for crops. Solid waste is treated using an aerobic composting technology, while liquid waste is treated using a method developed by an environmental organization in Japan, BMW Technology Association Inc.*

LIXIL plans to install Green Toilet System washrooms and a human waste treatment facility in the Kalobeyei settlement by the end of March 2018. It will implement a training program to ensure these facilities will be properly maintained and can be managed by the local community.

Junichi Goto, Head of the Social Sanitation Initiatives Department at LIXIL, commented: “Ensuring access to safe sanitation is a pressing issue, and based on the successful research and development of our Green Toilet System, we are committed to working with UN-Habitat on implementing a sustainable solution for the Kalobeyei refugee settlement. We will continue to leverage our expertise and resources to further innovate sustainable, scalable measures to make a meaningful difference.”

Worldwide, 2.3 billion people do not have adequate access to sanitation. LIXIL aims to provide safe sanitation for 100 million additional people by the end of 2020, contributing to the United Nations Sustainable Development Goal for 2030: ensure availability and sustainable management of water and sanitation for all.

**-Ends-**

**About LIXIL**

LIXIL is a global leader in the housing and building industry. Our unique portfolio spans everything from technologies that revolutionize how we interact with water in our daily lives, to a full lineup of products and services for housing and major architectural projects. Delivering core strengths in water, kitchen, housing, and building technologies, our brands including LIXIL, American Standard, GROHE, DXV, INAX, and Permasteelisa are leaders in the industries and regions in which they operate. LIXIL operates in more than 150 countries and employs more than 70,000 people, bringing together function, quality, and design to make people's lives better and more delightful – wherever they are.

Learn more at [www.lixil.com](http://www.lixil.com), [facebook.com/lixilgroup](https://facebook.com/lixilgroup) and [www.linkedin.com/company/lixil-group](https://www.linkedin.com/company/lixil-group).

**About LIXIL Group**

LIXIL Group Corporation (TSE Code: 5938) is the listed holding company containing LIXIL Corporation, LIXIL VIVA CORPORATION and LIXIL Housing Research Institute, Ltd. The Group, which is led by President and CEO Kinya Seto, is involved in a broad spectrum of housing-related businesses, ranging from the manufacture and sales of building materials and housing equipment to the operation of home centers and a network of homebuilding franchises, and comprehensive real estate service. LIXIL Group Corporation posted ¥1.79 trillion in consolidated sales in FYE March 2017.