World Vision
SINGAPORE

GREEN FOR GOOD
Completion Report

Programme Overview

Project location	Khuder soum, Selenge province, Mongolia
Programme Goal	Strengthen innovative and child-friendly Water, Sanitation, and Hygiene (WASH) in Selenge through demonstrating climate-resilient, environmentally friendly, energy efficient and quality standards WASH facilities.
Programme Outcomes	1. Children including girls and children with disabilities have better access to climate resilient, environmentally friendly, energy efficient and quality standards WASH facilities. 2. Community have increased knowledge and capacity and changed behavior on climate resilient water safety planning and appropriate WASH practices.

Programme Impact

1,202 people will have better access to climate resilient, environmentally friendly, energy–efficient standards water and sanitation facilities and water kiosk.

- **1 solar water kiosk constructed providing 335 people improved water access**
  - The solar water kiosk is a deep water well with a combination of solar and integrated power grid, allowing 24/7 water access and also helps to eliminate the use of coal or electricity for the water pump, **saving 13kWh of electricity per day.**
  - A water committee was formed to maintain the solar water kiosk, including ensuring security, safety, and cleaning the water tank twice a month
- **1 eco-friendly toilet was constructed**, enabling 631 children and 56 teachers to have access to clean sanitation facilities
  - 5 latrines for girls, 5 latrines for boys, and 1 latrine and sink for children with disabilities
  - 4 public showers for girls and 4 showers for boys, with a separate cloakroom for boys and girls
- **1 water treatment system installed** as part of the eco-friendly toilet to treat and recycle grey water generated from the use of latrines and showers.

The solar water kiosk in Mongolia ensures the local community has 24/7 water access and saves 4,745 kWh of electricity annually, reducing 2,986 people's exposure to air pollution from the use of coal.

756 community members have increased knowledge and capacity and changed behavior on climate resilient water safety planning and appropriate WASH practices.

- Training was provided to school beneficiaries and relevant stakeholders to enable the school to recycle the greywater from the toilet for school gardening
    - The treated water is recycled and used to water the neighboring school gardens (trees, flowers, and vegetables) to combat the desertification and dry climate. **This saves about 1.5 tons of clean water per day, which is equivalent to 180 tons of clean water during the summer months** from May to September.
- 100 adults, 56 teachers, and 600 school children were provided online and classroom training on topics such as:
    - Protecting safe drinking water resource
    - Cleaning and disinfection
    - Consumer culture
    - Hand hygiene and how to protect themselves and their families from infectious diseases
- 230 primary school children were given handbooks on sequences of hand washing

"With this water-efficient treatment in sparsely populated areas, we are working to supply vegetables for students' lunch needs, such as watering green areas and planting vegetables in greenhouses... By having these important new modern technologies, it has a big responsibility for us to train the children on climate change and how to protect our environment and we plan to include these kinds of topics as an extracurricular training subject."

– Lena, Principal of a school in Mongolia that received a Green for Good hub (a complex of facilities for sanitation, wells, and water reuse)