



## WASH OBJECTIVES

- 1 Provision of adequate, acceptable, safe and dignified life-saving water supply and sanitation services
- 2 Ensure refugees have access to information for hygiene promotion in their communities
- 3 Ensure WASH assistance is sustainable and cost-effective, incorporating environmental protection

## PROGRESS (SEPTEMBER - OCTOBER)

UNHCR and Partners operated and maintained 17 water networks in the 14 camps to ensure continuous supply of safe water to the refugees. Water supply to 26,000 refugees was secured through strengthening the surface water reservoir dyke of Nayapara RC. Furthermore UNHCR and Partners undertook emergency preparedness for water shortage in Teknaf camps.

In order to optimise monitoring of water supply networks, the WASH team commenced the LoraWAN Project-an innovative remote monitoring system. Two capacity building trainings were conducted for the WASH Partners on the LoraWAN Technology and stakeholder meetings with other sectors for awareness creation and information sharing on the new approach. The WASH team awaits the arrival of the LoraWAN devices to Cox's Bazar for onward installations. This will monitor in real time the key parameters of water supply such as flows, water levels in tanks and boreholes etc for faster decision making and response in case of anomalies.

Land acquisition for the centralised Faecal Sludge Treatment Plant (FSTP) in Kutupalong was finalised and preliminary works such as site clearance have commenced. The centralised FSTP of capacity 180 m<sup>3</sup>/day is expected to effectively manage the faecal wastes from Camps 1E, 1W, 2E, 2W and Kutupalong RC. This is a milestone in the WASH sector to ensure there is a centralised facility where large volumes of faecal wastes shall be treated in a sustainable manner thereby minimising the public health and environmental risks associated with poor management of faecal wastes.

Waste water quality monitoring (sampling, testing and analysis) for 50 samples from 09 FSTPs were conducted by ICDDR,B. The exercise is expected to be completed by Dec 2020, to inform the WASH team of the performance of the different faecal sludge treatment facilities and the quality of the effluent for planning and decision making purposes.

Eight Vacutugs were procured by UNHCR and handed over to the PPA Partners for desludging filled up pit latrines. A two days hands-on training of the operators and managers of the Vacutugs on the operation and maintenance by the service providers MAWTs and TATA was conducted, including field testing the equipment.

In the face of Covid-19 pandemic where handwashing remains one of the key preventive measures of controlling the spread of the virus, UNHCR and WASH partners commemorated the "Global Hand Washing day 2020" with the theme "Hand Hygiene for All". Through various activities like focus group discussions, mass campaigns, hand washing demonstrations, art competitions and block level campaigns, the importance of handwashing in controlling Covid-19 and other water borne diseases such as acute watery diarrhea, cholera etc were emphasised to the population.

## CHALLENGES

- Land availability for WASH infrastructures remain a critical challenge affecting implementation. For example, land that was given to BRAC for solid waste composting facility at Camp 2W was withdrawn, after construction works had started. Similarly construction of one FSTP by BRAC near Camp 21 has been stopped due to unresolved land issues which requires clearance approval by the RRRC.
- Shortage of solid waste dumping sites creating stock/filling of garbage at the smaller facilities.

## WAY FORWARD

- Construction of temporary dams in Teknaf to cope with water shortage.
- Two test boreholes will be drilled in Teknaf to better understand the groundwater resource in the area.
- UNHCR and the partners will conduct the annual KAP survey and WASH infrastructure sweep.
- Design of intermediate Faecal Sludge Transfer Network to achieved a dignified sanitation chain management.
- Installation of LoraWAN devices in the camps.
- UNHCR and the partners will focus to ensure completion of the on going WASH activities of 2020 PPAs.
- 2021 planning, budgeting and PPA preparations in collaboration with Program unit.

**KEY FIGURES**  
(cumulative since January 2020)

**349,536**  
Refugees received UNHCR WASH support

**39,583**  
WASH infrastructures were assessed in UNHCR WASH managed camps

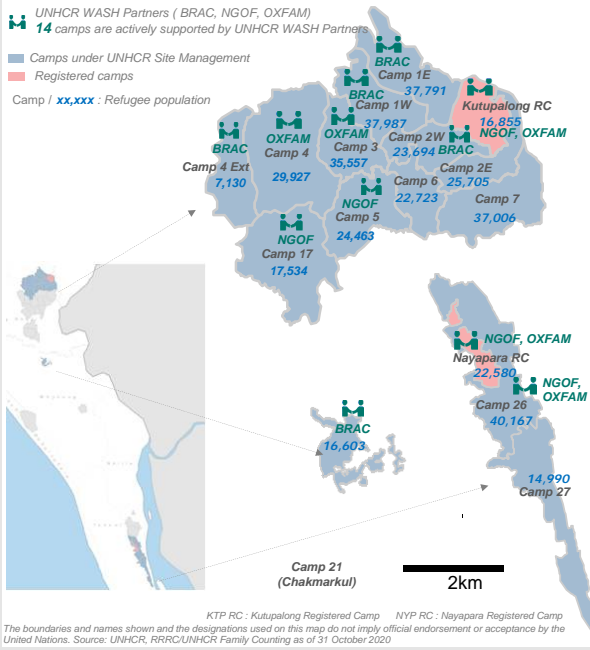
**2,676**  
WASH hygiene kits distributed since January 2020

**225,576**  
Female hygiene kits distributed since January 2020

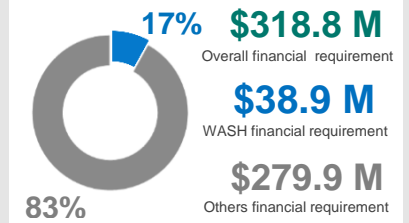
**574**  
Community WASH volunteers are working in response to COVID-19

**76%\***  
Households with access to soap

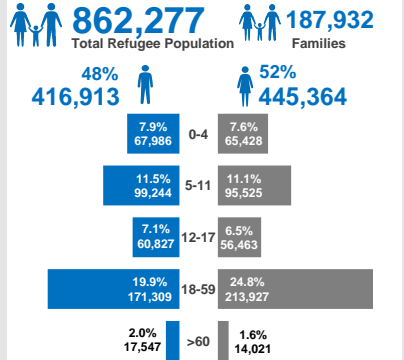
**GEOGRAPHIC SITUATION & PARTNERS**



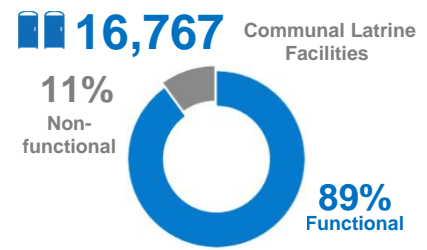
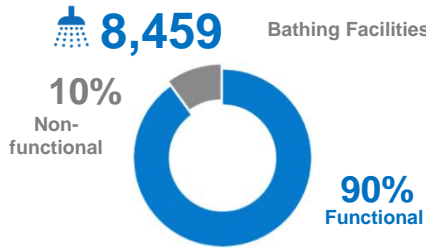
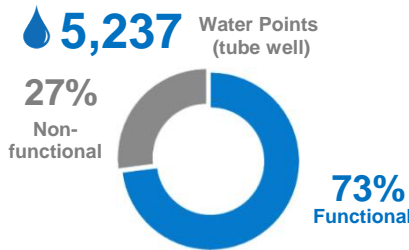
**FINANCIAL REQUIREMENTS**



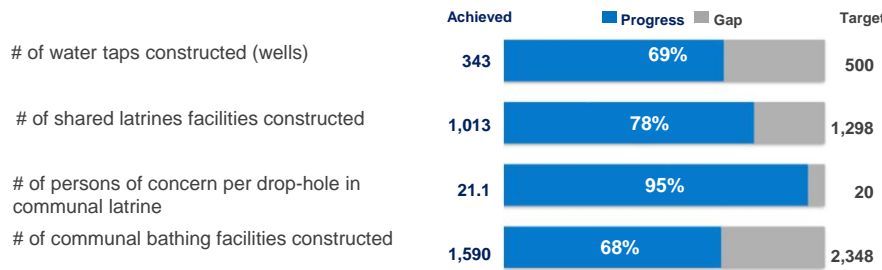
**POPULATION BREAKDOWN**



**WASH FACILITIES STATUS**



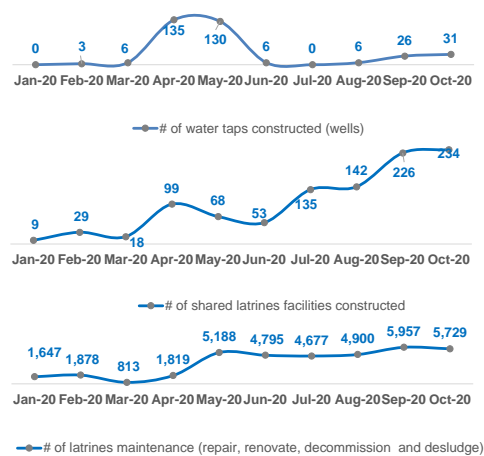
**PROGRESS AGAINST 2020 TARGETS**



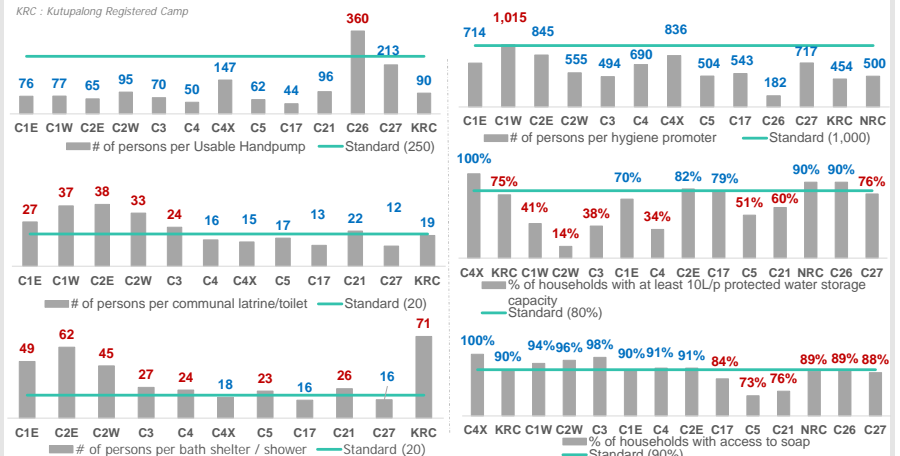
**ACHIEVEMENTS (SEPTEMBER & OCTOBER)**

- 517 WASH facilities constructed (including latrines and taps).
- 14,447 WASH facilities have been maintained, including 2,761 tube wells and 11,686 latrines.
- 944 communal bathing facilities were constructed.

**ACHIEVEMENTS TRENDS**



**ANALYSIS**



**THANK YOU**

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