

INFORMATION EDUCATION AND COMMUNICATION MATERIAL



Physical and Psychological Wellbeing

Water fetching activities using traditional modes of carrying water, i.e., head loading of mud pitcher/jerry cans, have adverse effects on health as it can create neck or shoulder strain.



Usage of H2O Wheels will reduce the physical effort and burden of collecting water. Water is safe in the H2O Wheel due to its caps/design, decreasing the chances of prevailing bacteria and water-borne diseases.



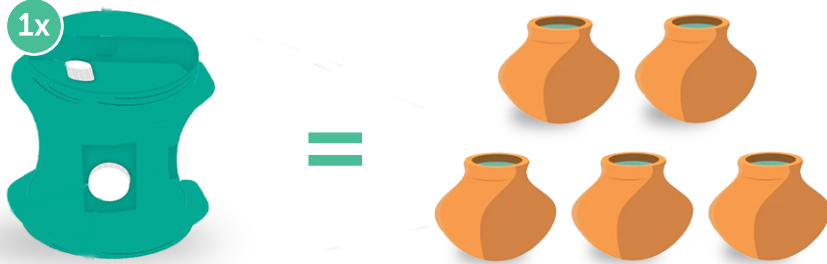
Psychological Wellbeing

Due to the long distance and spending many hours on water collection, you don't have enough time to spend with your families and for other activities of your interest.



MANY HOURS ON MULTIPLE TRIPS

The H2O Wheel can transport three to five times more water. So, it will reduce your turns and have more free time for other household and economic activities.



Hygiene for preventing Water borne diseases

Hand Washing:

Proper handwashing is the most effective way of preventing infections.



Ways to clean water

Boil Water to kill germs:

Boil water for at least 20 minutes to kill the germs.



Use Tablets to clean water:

Filter water through a cloth, drop a tablet in water, wait for 30 minutes until it's safe to use.

Use one tablet in 10 liters of water.



Use Alum to clean water:

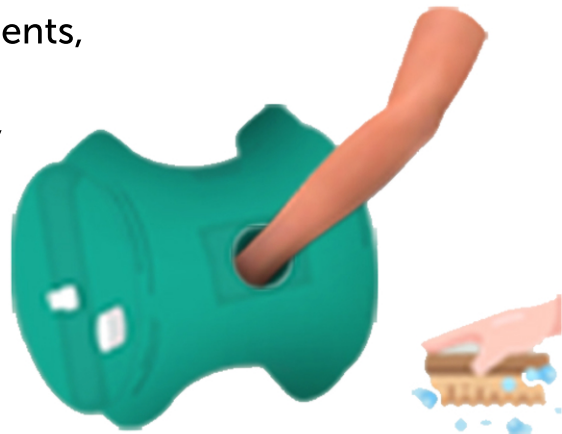
Raw water often holds tiny particles that are very difficult for a filter to catch. Alum causes them to clump together to settle out of the water or be easily trapped by a filter.



Awareness about hygiene

Cleaning of Water Container:

Bacteria love moist environments, and when you're constantly drinking from your container, those germs can easily make their way into your system. The longer you leave your container between washes, the more the germs can multiply.

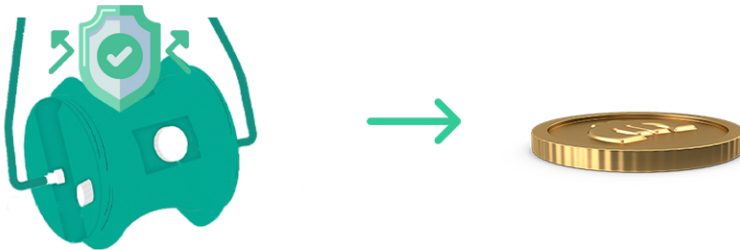


Environmental Sustainability

Conventional water transportation technologies have a very high replacement and depreciation cost. These containers break easily and have a life of a few months, even if cleaned and used carefully.



The H2O wheel requires little to no maintenance, and it will survive in harsh rural conditions for many years.



Gender Equality

Women are responsible for household tasks, and in many areas, females are also responsible for water collection. Males are responsible for water collection in some areas where people use donkey carts or motor vehicles to collect water.

You have less time for other activities, e.g., economic and market-oriented activities.



H2O wheel will minimize the gender gap by engaging both male and female household members in water collection activities. It will reduce the overall burden so everybody has more time to utilize in other activities.

