

a bicycle equipped with a water purifier, which is powered by pedaling. This innovative design includes non-puncture tires and a box attached to the rear carrier that holds the pump and hoses. Three filter cartridges are fitted around the rear wheel. Cycloclean is great for use in remote villages and disaster zones, where access to clean water is scarce. The rider can commute to a water source, lower the hose which can siphon water as deep as five meters into the source, raise the bicycle up on its stand lifting the rear wheel off the ground and start pedaling. The bike can produce five liters (1.3 gallons) of clean water in just one minute, so a team of riders could produce large amounts of water in a relatively short period of time. This unique invention does not come without a hefty price tag. The cost is around 550,000 yen approximately \$6,700 U.S. dollars. However, the company has produced around 200 bikes in the last five years, and is getting ready for mass production in Bangladesh. If governments were willing to put up the money for it, the Cycloclean could be a great solution to the dirty water crisis in developing countries where women walk for miles a day to