

## the facts

1.8 billion people use water sources that put them at risk for epidemic infections

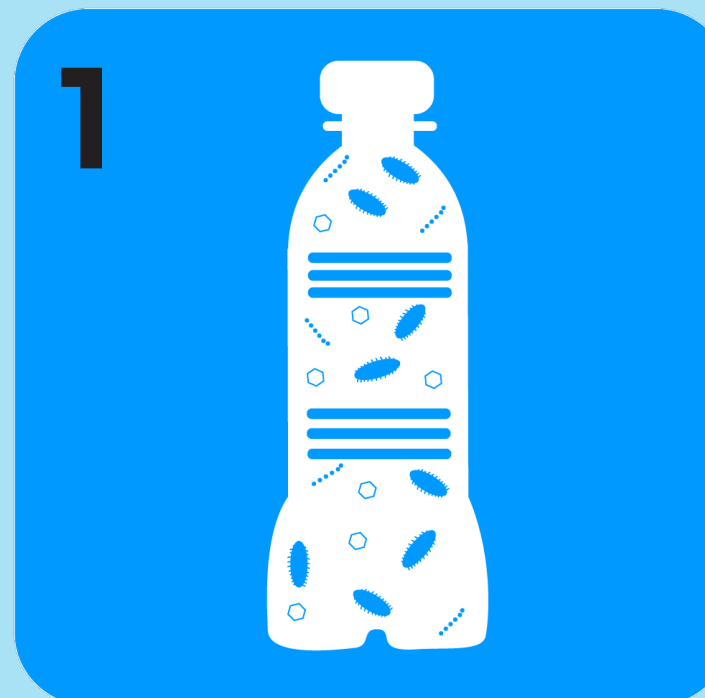
every **20 seconds** a child dies from a lack of clean drinking water

**50%** of the world's hospital beds are occupied by patients suffering from water-related illnesses

UNICEF estimates that women and girls spend **200 million hours** every day collecting water

**Solar Water Disinfection:**  
exceptionally cost-effective, but difficult to use...  
until OSPRI, the first ultra-low cost SODIS sensor

## what is SODIS?



1 Fill a plastic bottle with source water

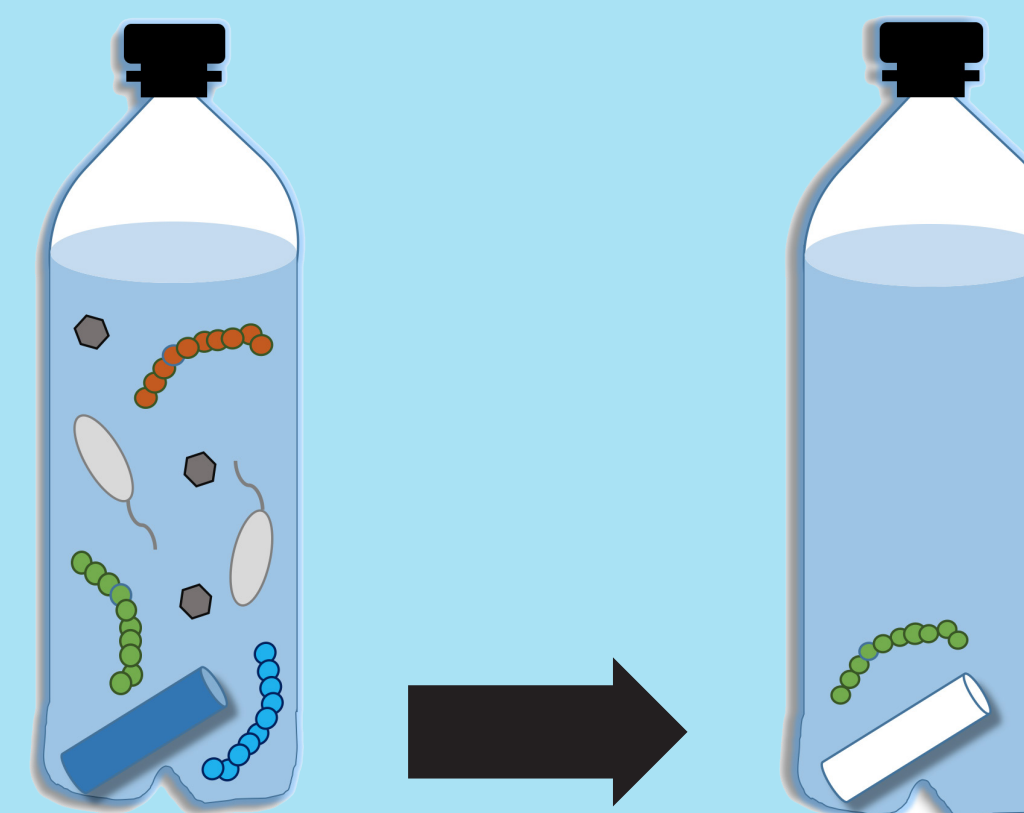


2 Leave the bottle in direct sunlight for 6 hours (or 2 days in cloudy conditions)



3 Drink the disinfected water straight from the bottle

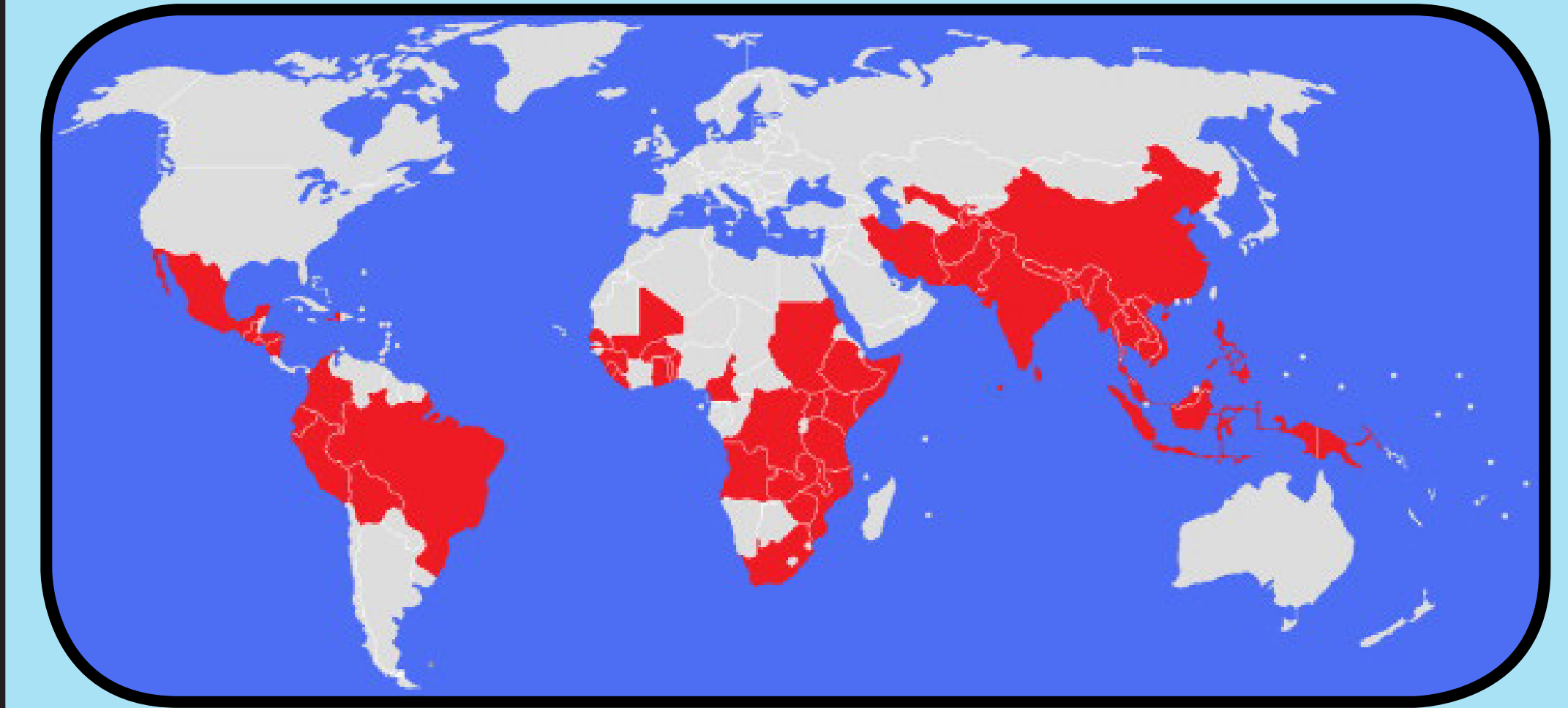
## meet OSPRI



Standard SODIS is **too complicated** for users - too many factors affect whether the water is adequately disinfected

With OSPRI, all it takes is a **simple color change** to be certain the water is **safe to drink**

## why OSPRI?



**5 million people in 55 countries** already rely on SODIS every day. **OSPRI makes SODIS simpler and safer** for the 1 billion others who need it.



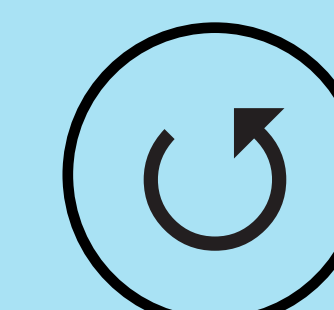
costs **under \$1** to manufacture



extremely **simple to use**



**indicates** when SODIS treatment is complete



a single OSPRI device lasts up to **one year** under **daily use**



# billion bottle project