

# A social business providing safe piped water in rural South- East Asia



## What We Do

We provide **safe & affordable** water to under-served rural & semi-rural communities in Cambodia through a **unique management approach for piped water systems.**

**TapEffect focuses on the rural communities, as the global water crisis hits them **first & hardest.****

Especially as they are more vulnerable to climate change impacts and excluded due to the logistical, financial, and technological constraints that isolation poses.

Clean water is central to community development and TapEffect is changing lives in a sustainable and transformative way among the indigenous tribes of Cambodia. World Hope is actively working in all areas of development among the Bunong tribe and we are excited that TapEffect has successfully provided access to clean water in a mountainous region where drilling wells are not possible given the landscape and region.

John

*"Everyone who drinks this water will be thirsty again, but whoever drinks of the water that I give him/her will never be thirsty again. The water that I give him/her will become a spring of water welling up to eternal life."*

4:13-14

The same Jesus who teaches us that we must be born of water and the Spirit to enter the Kingdom of God is the one who inspires our generosity to address the physical thirst of our brothers and sisters.

# Our Approach

TapEffect seeks to tackle this problem by implementing and operating **portfolios of piped water systems** in these rural hard-to-reach areas

Normal water utilities usually integrate a costly custom design process, highly skilled experts, and testing on-site. **TapEffect Seeks to do the opposite.**

## TapEffect vs. Other Water Products



### Water Filter

Requires a water source

Inconvenient & lengthy process

Mostly suitable for drinking



### Bottled Water

Expensive

Use of plastic

Sometimes untreated

Mostly suitable for drinking



### Trucked in Water

Expensive

Sometimes untreated

Necessitates proper storage



### Well

Inconvenient & lengthy process

Necessitates proper storage

Sometimes unreliable

Can be far away

Often abandoned after project's completion

Requires maintenance



### Pond

Unsafe, or requires filtering method

Necessitates proper storage

Mostly suitable for domestic purposes

Sometimes unreliable

Can be far away



### TapEffect

Readily available on premises

Cheap

Treated, suitable for drinking

For all purposes

Reliable

A sustainable solution

### Did you know?

443 million school days are lost each year to water-related illness (UNHCR).

Our Goal for 2021:  
**250 New Taps!**

**\$200**

Connects one home, hospital or school to life-transforming water!



Two young girls were sitting outside their house when they received a flyer detailing the new tapped water system, TapEffect, coming to their neighbourhood. For years they have been bathing in dirty pond water and using that same water for washing dishes and cleaning their house. You can imagine their excitement when they read that they might be able to have a clean bath!

These two girls live in the Cambodian province of Banteay Meanchey, and their community has been chosen as a location for World Hope's next TapEffect project.

Now, these two girls will have the gift of time. Right now, women and girls spend all their time collecting dirty water. Now, with a tap of clean water installed directly into their home, they have time for education and doing what young girls like to do.

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"Our customers need to know that 3 years from now, when they're washing dishes, they'll have reliable, clean water on demand. That reliability takes people showing up to work everyday disciplined in doing basic engineering work well."

- Cambodian TapEffect Team



### Did you know?

Across many rural communities in Cambodia, families are already paying \$50-100 per year to access water trucked in from **dirty and dangerous sources**.

### CONTACT US

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