

summit co-coordinated by



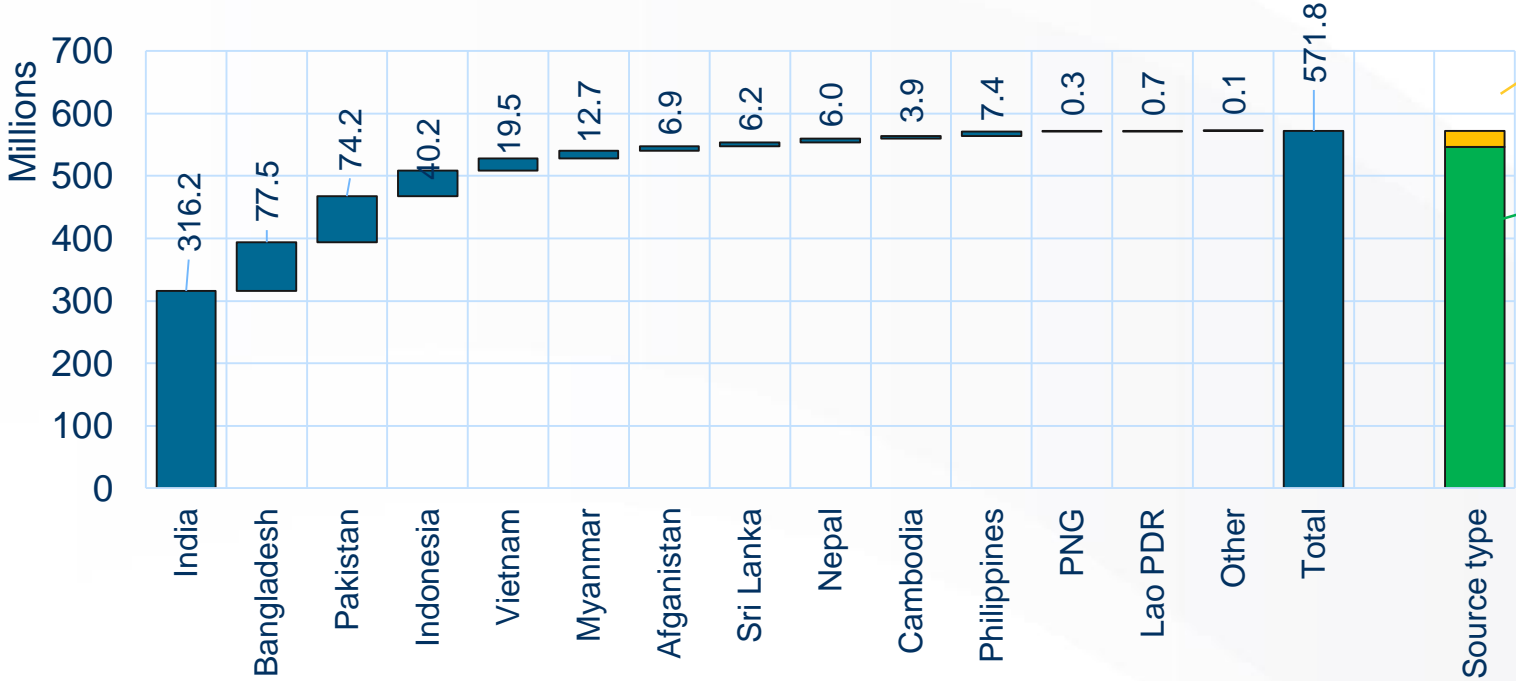
Self-supply in the Asia-Pacific region

Immense but overlooked contributor to SDG6 in rural areas

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More than 550 million people in rural areas of Asia-Pacific rely on groundwater self-supply, 96% of whom use an improved source

Rural population using groundwater self-supply as main drinking water source




Unprotected dug wells:
~26m people

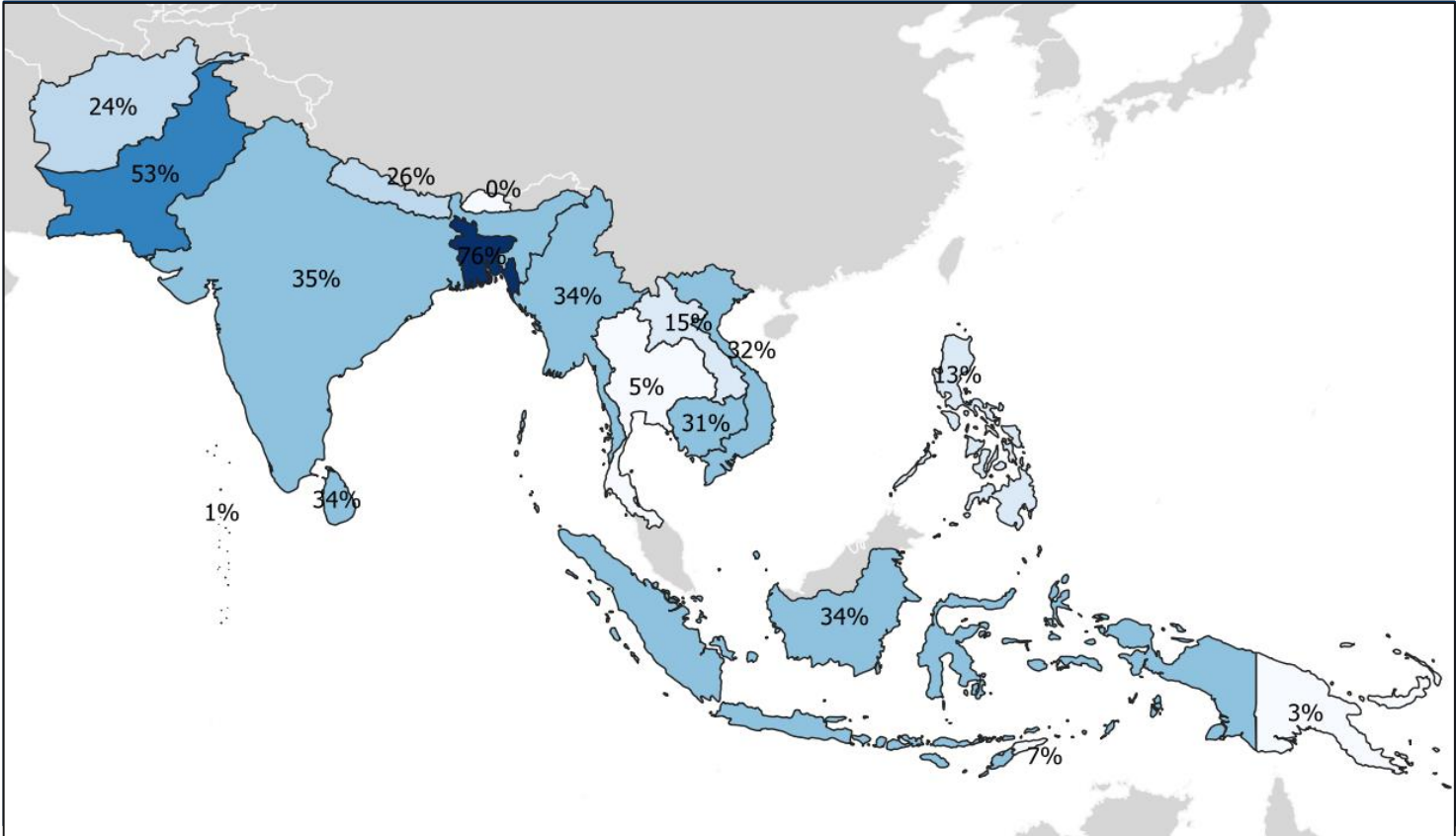


Boreholes / tubewells:
~479m people

Protected dug wells:
~67m people




Prevalence of self-supply is up to 95% in some areas, with groundwater conditions, low cost technology and supply chains all key factors



Accessible groundwater

Low cost technology

Supply chains

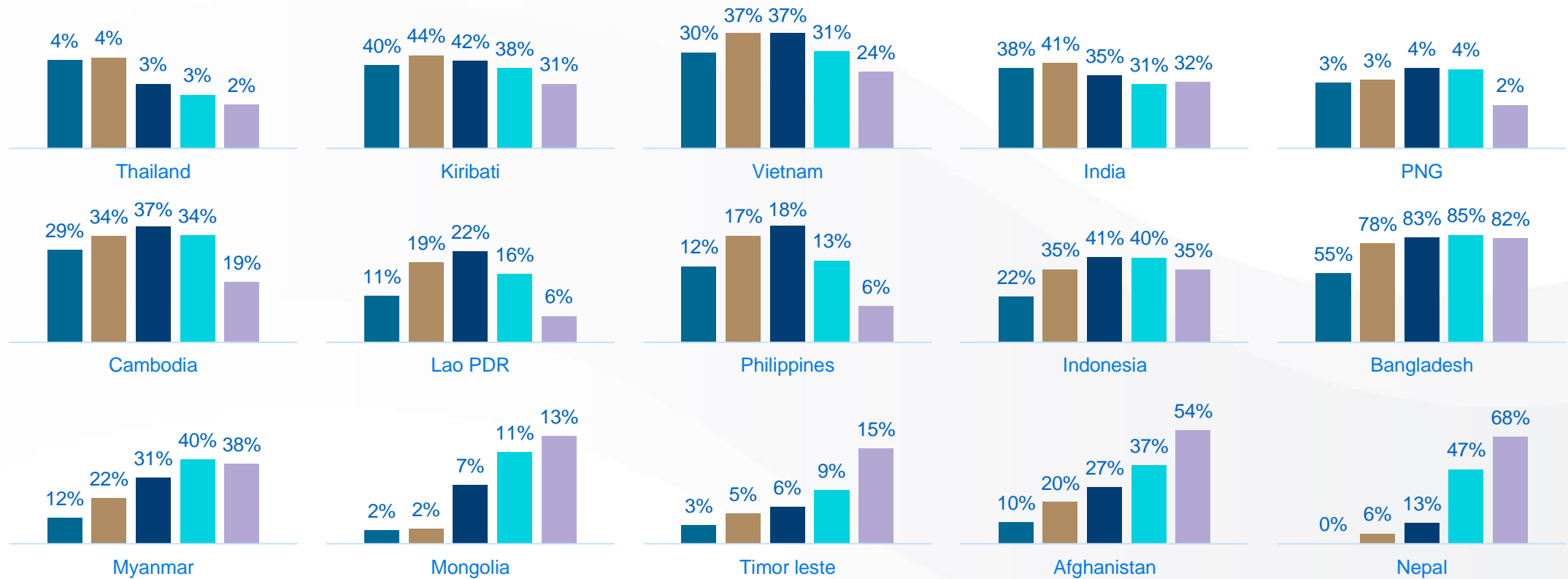
Access to electricity



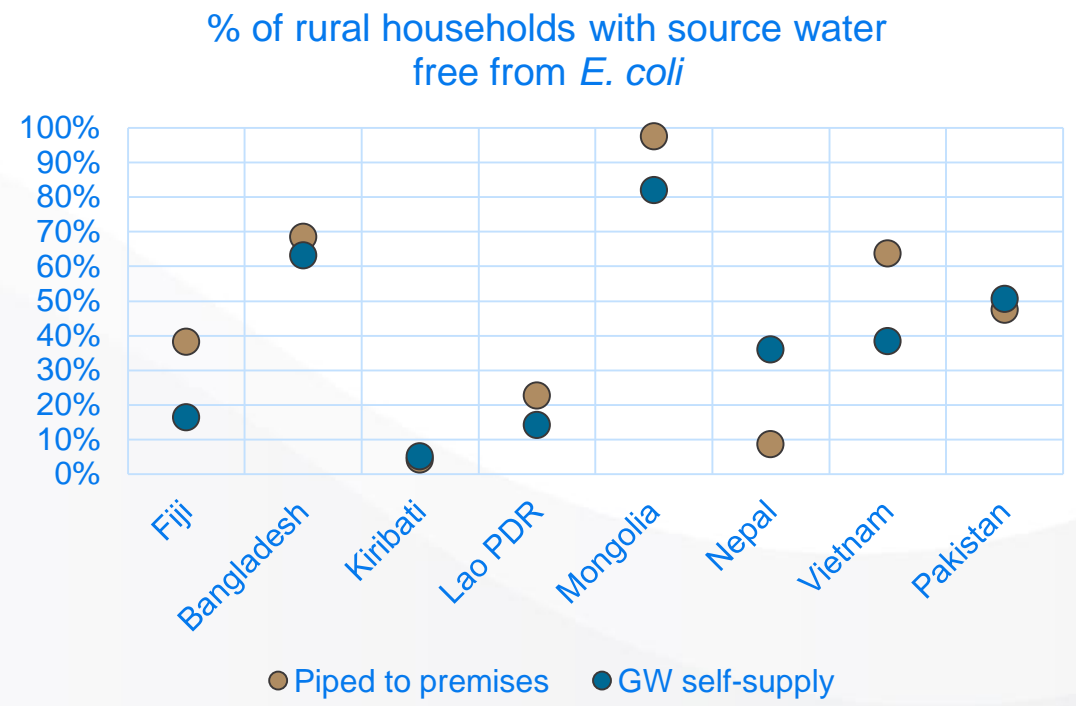
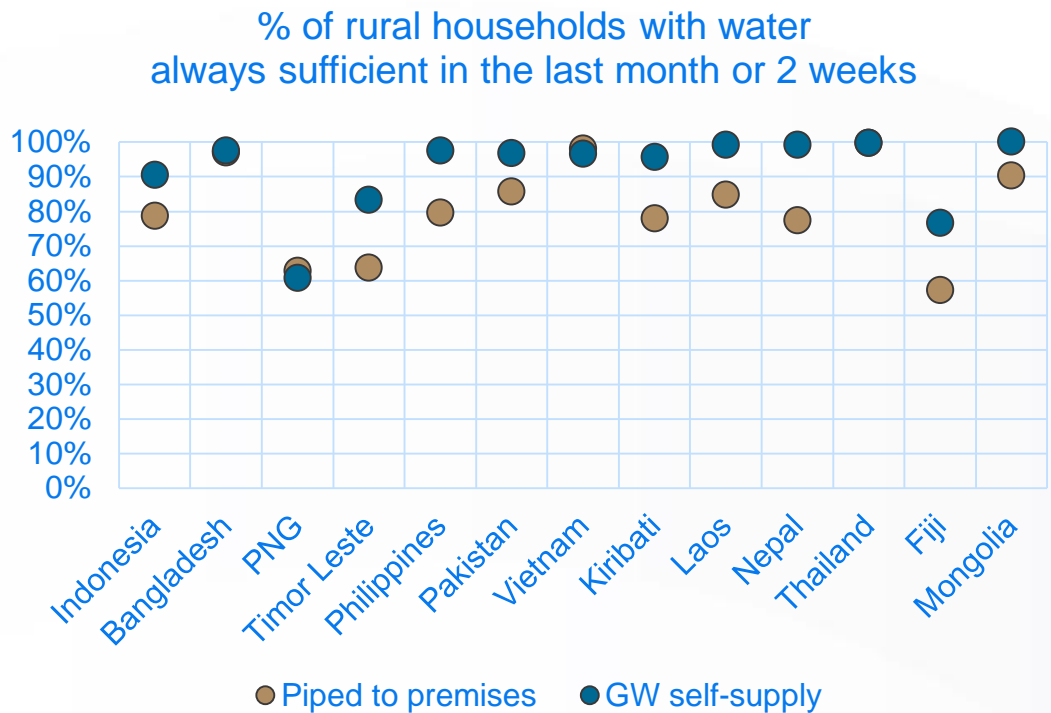
Groundwater self-supply is adopted by rural households across the wealth spectrum, but is most common amongst the middle quintiles

% of population self-supplying their drinking water by wealth quintile

■ Poorest ■ Poorer ■ Middle ■ Richer ■ Richest



In countries with available data, groundwater self-supply is more likely to provide a safely managed water service than a piped supply

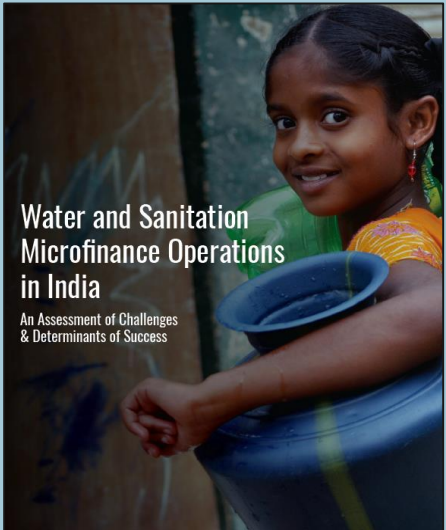


For every rural household receiving safely managed water from a piped system, there are **four** households receiving safely managed water from self-supply



Self-supply rarely supported by policy or practice, though there are examples from across the region

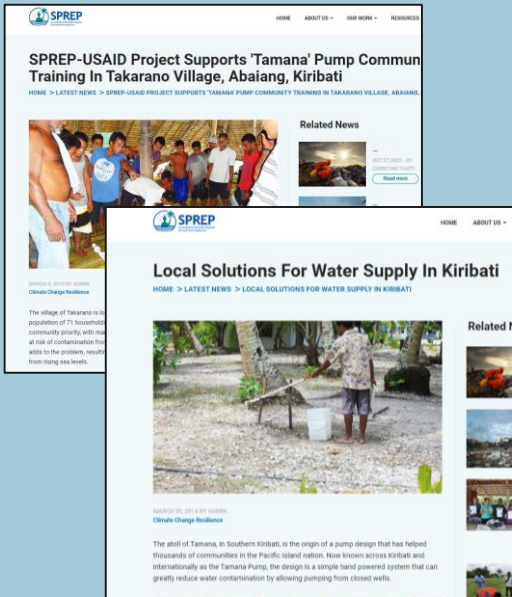
Financial support



Water and Sanitation Microfinance Operations in India
An Assessment of Challenges & Determinants of Success

water.org
PEPSICO FOUNDATION
WORLD WATER PARTNERSHIP
SAID CENTER FOR WATER PROGRAMS
UNIVERSITY OF CAMBRIDGE

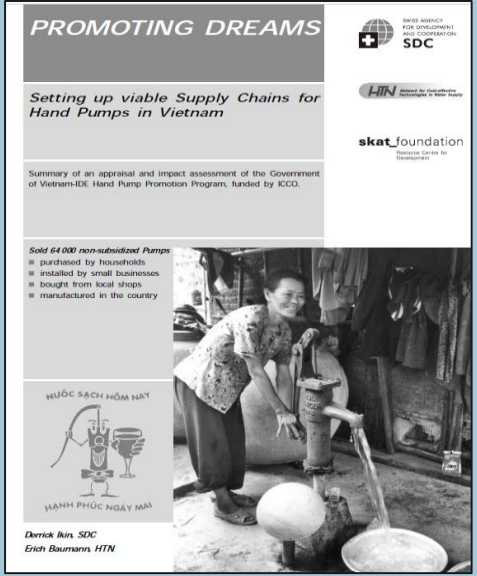
Technical support



SPREP-USAID Project Supports Tamana Pump Community Training in Takarano Village, Abaiang, Kiribati

Local Solutions For Water Supply In Kiribati

Private sector development



PROMOTING DREAMS

Setting up viable Supply Chains for Hand Pumps in Vietnam

Summary of an appraisal and impact assessment of the Government of Vietnam-IDE Hand Pump Promotion Program, funded by ICCO.

- Sold 44,000 non-subsidized Pumps
- installed by households
- installed by small businesses
- bought from local shops
- manufactured in the country

HƯỢC SẠCH HỒM NAY
HẠNH PHÜC NGÀY MÃI

Derrick Biss, SDC
Erich Baumann HTN



With 236 million people lacking basic water services in rural areas of Asia-Pacific, self-supply will continue to play an important role

In rural areas of Asia-Pacific, self-supply is:

- Widespread and increasing
- Used by households across the wealth spectrum
- A major contributor to SDG6
- Rarely acknowledged in policy

These hidden investments constitute
a critical piece of the SDG6 puzzle



Thank you

For more information:
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<https://waterforwomen.uts.edu.au/self-supply-country-profiles/>