

# AKWATECH

Open-source, low-complexity water treatment systems for decentralized implementation

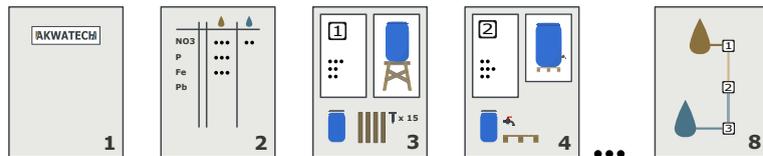


## The Problem

In 2024, **2.1 billion people** still lacked safely managed drinking water services - UN2025  
● Treatment Systems are too expensive, complex or not adapted to local conditions

## AKWATECH's Approach

Open-source Platform providing Modular Construction Plans for Low-Tech Water Treatment Systems



## Core Principles

Modular Combination of Low-Tech Treatment Steps  
Adaptation to Local Water Quality, Materials, and Skills  
Robust & easy-to-maintain System Design

## Technical Scope & Applicability

**Suitable for:** Surface Water and Groundwater Sources, Microbiological Contamination, Turbidity, Basic physico-chemical Challenges, Communities, Institutions, and Household-level Systems

**Not suitable for:** Heavily Industrially Contaminated Water

## Implementation (Step-by-Step)

1. **Water Analysis**
2. **System Configuration** - by inserting Water Analysis Results into [www.akwatech.org](http://www.akwatech.org)
3. **Download** - AKWATECH's Construction Plan
4. **DIY Construction** - promoted by inclusive System Design

## Today's focus:

Seeking pilot partners and work together



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