



STANDARDS ALLIANCE PHASE 2

Increasing the Flow of WASH Services – Standards for Safety and Efficiency

OVERVIEW

The *Increase the Flow* of Water, Sanitation and Hygiene (WASH) Services project will work with foreign ministries, local industry and manufacturers to develop a roadmap focused on improving countries' access to safe and efficient WASH products, removing technical barriers to trade, standardizing conformity assessment practices and helping to develop much-needed supply chains of safe products. This project will be implemented by the International Association of Plumbing and Mechanical Officials (IAPMO) through USAID's public-private partnership with the American National Standards Institute (ANSI), the Standards Alliance: Phase 2 (SA2).

OBJECTIVES

Access to improved drinking water and sanitation is one of the most fundamental issues facing the global community. Approximately 2 billion people worldwide lack access to safely managed drinking water and even more lack safely managed sanitation services. The challenges surrounding improving access to water and sanitation services are systemic and related to poor governance, inadequate infrastructure and supply chains, poor system maintenance, skilled worker shortages, and transforming cultural or social norms related to sanitation. In this SA2 project, IAPMO will address these issues in 3 countries to pave the way for increased trade and exports of related technologies and services. IAPMO's project objectives are as follows:

- *Indonesia:* Assist the National Standardization Agency of Indonesia (BSN) to develop and adopt a new national standard related to faucets and to provide technical assistance to relevant ministries on its adoption and enforcement. As the final endpoint of water delivery systems, this new standard will ensure that these products meet basic levels of safety and efficiency. Standardization and enforcement in this area is critical to protecting the performance and health of drinking water systems for Indonesian's citizens.
- *Philippines and Jordan:* Conduct a comprehensive review of regulatory and conformity assessment requirements that will serve to educate and inform national policymakers and external stakeholders. For both countries, long-term water security is vital to sustaining their economic growth and achieving other important national goals such as: improved health and welfare for the poor and most vulnerable; socio-economic and ecological resilience to recurring shocks; and peace and stability.

Collectively, these outcomes will help partner countries advance in their journey toward greater self-reliance and reinforce their strategic role in the regions and regional organizations to which they belong.

ACTIVITIES

The project will occur over a period of three years (FY 2022-2024). Below are selected activities that will be carried out:



- *Indonesia:* Support BSN's technical committee of experts for the development of the new standard and management of the public review and comment process of the drafting process. Support BSN to expand its testing and certification capabilities. These new capabilities will be an important tool in the certification and enforcement scheme developed through this project.
- *Philippines and Jordan:* Conduct a comprehensive review of the national plumbing code and product regulations to identify (1) references to plumbing product standards and (2) regulatory and practice gaps, with the aim to help each country adopt and implement efficient international product standards. Support the development of a Conformity Assessment Action Plan for plumbing products identifying administrative and legislative actions that could be taken to improve testing and certification of plumbing products to domestic technical regulations and international standards.

ANTICIPATED OUTCOMES

- Strengthened water quality infrastructure and the increased availability of quality and safe water and sanitation services in each country;
- Increased trade of water/sanitation related products through the removal of technical, non-tariff barriers and the increased competitiveness of quality products;
- Development of reliable supply chains as products, installation practices, and conformity assessment processes are standardized;
- Ensured trust in product certification so that the global and national trade in the marketplace have thriving economies that supports the interoperability of standards based on their specific needs;
- And, promotion of public health as the use of dangerous, substandard components of water systems are deterred through increased regulation and enforcement.

***About ANSI:** ANSI is a private, non-profit organization that administers and coordinates the U.S. voluntary standards and conformity assessment system. ANSI also implements the ANSI-USAID Standards Alliance: Phase 2 project, which helps the private sector and partner countries boost international trade through increased market access and trade facilitation.*

***About IAPMO:** IAPMO is a 100-year-old trade association that focuses its comprehensive services on the technical aspects of the plumbing and mechanical industries. The organization is comprised of 13 different business units with offices and staff in 11 countries. Our membership includes trained labor and contractors, engineers, product manufacturers, suppliers, plumbing and mechanical inspectors, and building officials. As a global leader, IAPMO has assisted with the development of standards, skills training, and conformity assessment services in regions around the world.*

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