

## Highlights and New Resources from the WASHplus Project and its Partners

# washplus News

Supportive Environments for Healthy Communities

March 2012

## WASHplus Program Updates



Recent tests of the Jiko Poa cookstove confirmed its fuel efficiency and indicated significant indoor air pollutant reductions compared with traditional cookstoves.

### Kenya—Cookstove Study Results

With support from WASHplus, resource partner Berkeley Air Monitoring Group conducted a study in Kenya of the locally manufactured *Jiko Poa*, a fuel-efficient rocket stove. Results of this study, conducted using a 24-hour “before and after” design, showed highly significant reductions in household air pollution, including a 37 percent reduction in carbon monoxide kitchen concentrations and a 51 percent reduction in PM2.5 (fine particulate matter) kitchen concentrations. However, even after these reductions, levels still exceeded the World Health Organization guidelines by a wide margin. The study also measured a 51 percent decrease in fuel wood consumption.

A socioeconomic survey and consumer preference study identified the four most important features of a good stove: it uses little fuel, cooks quickly, produces less smoke, and looks modern. Households cited these same reasons when discussing their decision to purchase the Jiko Poa. In addition, 92 percent of households reported saving time using the stove, and 80 percent reported fuel cost savings. However, temperature-sensing stove usage monitors, left in homes for up to five weeks after the study,



WASHplus is a five-year project funded through USAID’s Bureau for Global Health that supports healthy households and communities by developing and implementing interventions that lead to improvements in water, sanitation, and hygiene (WASH) and indoor air pollution (IAP) activities.

### WASHplus Co-hosts Webinars

**WASH and HIV Integration**  
Working closely with WaterAid/Australia and the Burnett Institute, Julia Rosenbaum, WASHplus senior behavior change specialist, co-hosted a webinar in January on HIV and WASH integration as part of the Inclusive Sanitation Forum. A recording of the webinar and related resources are available. [Download/view](#)

showed that use of the Jiko Poa gradually decreased each week from an average of 1.3 uses per day during the first week to 0.4 uses per day during the fifth week. The full report on this study will soon be available on the WASHplus website; look for an announcement about a webinar on the study in the near future.

### Madagascar—Strengthening WASH Partnerships

Recent WASHplus Madagascar team activities include meetings with partners funded by the Global Sanitation Fund and USAID—such as Santénet2, MAHEFA, and RanoHP—to improve collaboration, coordination, and synergy; participation in the WASH General Assembly to define the strategic direction to support national-level advocacy for the WASH sector in Madagascar; and planning for Madagascar participation in the high-level meeting Water and Sanitation for All to be held in Washington, DC, in April. In addition, the team has been collecting and sharing partner WASH documents, experiences, and lessons learned; and developed curriculum for training partners on USAID Environmental Monitoring and Mitigation Plans and on Sanitation Marketing with a focus on SanPlats.

### Zambia—SPLASH Planning and Progress

Activities are in full swing for the multi-year WASH in Schools project known as SPLASH (Schools Producing Learning Advancement through Sanitation and Health) in two provinces in Zambia. WASHplus is implementing the USAID/Zambia-funded activity, which supports the Ministry of Education as well as the Ministry of Local Government and Housing as they improve WASH access and practices in schools and surrounding communities. Progress to date includes submitting a work plan and budget for USAID approval; finalizing the hiring of local staff including the chief of party and monitoring and evaluation, behavior change, and WASH specialists; hosting a start-up workshop for all new SPLASH staff as well as CARE and FHI 360 stakeholders, which WASHplus Director Sandy Callier facilitated; and discussing collaboration and coordination with UNICEF, the other active school WASH partner in Zambia.

## Resource Partner Highlights

### Water and Sanitation for the Urban Poor and IRC Report

Water and sanitation services for the very poor remain grossly deficient over large areas of the globe, and financing water and sanitation improvements for these people remains a major challenge. Financing Water and Sanitation for the Poor proposes six key solutions to overcome this challenge, and financing institutions, governments, and service providers worldwide are urged to put them into practice.

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## Planning for Sustainable WASH Programs

WASHplus co-sponsored a webinar with the WASH Advocacy Initiative and Global Water Challenge in December, “Leading with Sustainability—Laying the Groundwork for Sustainable Services,” which discussed how to plan for sustainability in WASH programs. The webinar, moderated by Elynn Walter of the WASH Advocacy Initiative, featured Braimah Apambire, Conrad N. Hilton Foundation; Andrew Narracott, Water and Sanitation for the Urban Poor; and Harold Lockwood, Aguaconsult. A recording of the webinar and related resources are available.

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### **BPD Occasional Paper**

Since the 2010 UN resolution on the Right to Water and Sanitation, Building Partnerships for Development has been asking how it will impact the roles, responsibilities, and relationships among different stakeholders for the effective delivery of water services in poor communities. Which stakeholders are the duty bearers and which are the rights' holders in multi-stakeholder partnerships? This think-piece highlights the potential of the UN resolution to act as a catalyst for greater cooperation in the water sector. BPD welcomes thoughts and comments on this emerging area of analysis.

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### **Aprovecho Spring Stove Workshop**

Aprovecho Research Center will hold its spring 2012 Stove Workshop April 2–5, cost: \$800. The workshop will be in-depth but you don't need to be an engineer to participate. The workshop aims to empower and inform any individual or group interested in the development and dissemination of clean and efficient cooking technologies. [Download/view](#)

### **Global Alliance for Clean Cookstoves (GACC) February Newsletter**

This issue announces the First International Organization for Standardization workshop for cookstove standards, reports on how clean cookstoves and fuels factor into the UN's Sustainable Energy for All initiative, and highlights partner work and upcoming events. FHI 360 has recently signed on as a GACC implementing organization. [Download/view](#)

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