



# WASHplus

## Madagascar

### What We Did

To address the lack of sanitation options in densely populated areas of urban Madagascar, WASHplus explored public-private sanitation solutions in several communes. To address a gap in environmentally sound waste management practices, WASHplus engaged the NGO Practica to design and pilot a private-sector service delivery model to manage fecal sludge generated in the city sustainably using low-cost decentralized technologies. Working closely with the commune authorities, the project selected and trained local entrepreneurs, developed a sludge disposal site, experimented with a range of manual extraction methods and tools, and engaged in a social marketing campaign to promote the service. WASHplus also provided assistance to construct or rehabilitate fee-for-use public sanitation WASH blocks and water kiosks with resource partner Water and Sanitation for the Urban Poor. The WASH blocks provide WASH services for pedestrians in high traffic areas such as bus stations and markets who previously had no hygienic options. Monthly users per facility average about 12,000, so over a year a WASH block will have more than 140,000 users, creating a critical need for fecal sludge management.

### Why It Matters



The activity introduced innovations in sludge removal tools, transport equipment, and disposal technologies new to Madagascar, thus contributing valuable learning to the emerging global fecal sludge management subsector.



The pilot successfully demonstrated that demand for an environmentally safe sludge removal and treatment service exists in urban/peri-urban Madagascar.



Newly constructed water kiosks improved access to drinking water for 19,419 people. The sale of SanPlat slabs improved access to sanitation facilities for 1,500 people.



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