



| Reference System

Rondônia, Brazil

Supply of: Guest house
 Research station
 Medical service station



| Background

In cooperation with the local University UNIR and the federal environmental reserve conversation agency ICMBio a SuMeWa|SYSTEM was installed in a rubber trapper reserve amidst tropical rain forest.

In the reserve neither electricity- nor water supply structures existed. The inhabitants had to rely on open water bodies, such as rivers, waterholes and unsecured wells. In many parts of the reserve the people suffered from typical intestinal diseases caused by the use of contaminated water resources. Along with the installation of SuMeWa|SYSTEM existing but not functioning sanitary facilities were reactivated. Today a fully functional tap water filling station, toilets, and showers are available and used by the local community. Maintenance and repair is conducted by the locals themselves following a specially adapted maintenance plan.



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Installed capacity	Up to 2,000 Liter per day
Starting of operation	November 2009
Operation mode	Stand alone solar PV without batteries
Installed system	SuMeWa SYSTEM pv b com
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