Permanent spring-fed water supply for villages of South Ambae, Penama Province

VANUATU · Penama · South Ambae Area 2

CATEGORY INFRASTRUCTURE | WATER SUPPLIES

RICD RISK TIER
High

PRIMARY HAZARDS
Water stress · Storm damage · Multi-hazard

MOBILITY DIMENSION
Avoided displacement

PHOTO 1

GRANT RECIPIENT
Conference of Churches of Christ in Vanuatu (CCCV)

PARTNERS
Skills Partnership (Penama) · South Ambae Area 2 Water Committee

TOTAL PROJECT VALUE
26,042 USD — 5 months

50%	CCF GRANT	13,021 USD
50%	MATCHING FUNDS CCCV (cash)	13,021 USD

Context and approach

Ambae has been hit by five Category 5 cyclones in a decade and by volcanic eruptions that forced full-island evacuations in 2017 and 2018. Rainwater in tanks is now dirty and acidic from ash, and the few shared wells cannot supply the population.

CCCV, with the local Water Committee, is extending its first South Ambae system into Area 2, protecting natural springs on the volcano slope and running a closed piped supply to each village, with local people trained to maintain it.



Approximate project location.

Project outputs

- Deliver materials and build storage tanks 1 and 3
- Lay pipelines from the springs through storage tanks to the villages
- Train 10 local men in basic plumbing and system maintenance
- Hand the system to the Area 2 Water Committee
- Villages in Area 2 have reliable potable water through cyclone, ashfall and drought
- Illness from contaminated water falls and children attend school more regularly
- Families are less likely to be forced off the island by water insecurity

Reach & deliverables

270	1	10
ESTIMATED POPULATION IMPACTED South Ambae communities	CLIMATE-RESILIENT WATER SYSTEM protected spring, storage and village distribution	COMMUNITY TECHNICIANS TRAINED system operation and maintenance

Milestones

5 MONTHS TOTAL

M.01	M.02	M.03	M.04	M.05
1 month	1 month	1 month	1 month	1 week
Materials delivered safely on site	Storage tank 1 ready	Pipeline from storage 1 to storage 3 completed	Storage 3 ready and pipeline to villages completed	Training of 10 local men in plumbing and maintenance

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