Can we avoid rehabilitation programmes?

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Speakers

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Asset management and the life-cycle cost approach
Capital maintenance: critical for sustainability

Expenditure
- Direct support
- Indirect support
- Capital maintenance
- Operation and maintenance

Cost of capital

Capital expenditure
Life-cycle costs – handpump example

Example of possible life-cycle costs for an AfriDev pump

Initial capital expenditure: $15,500 ($62 per person)
Cumulative recurrent costs after 10 years: $14,550 ($58.20 per person)
Cumulative recurrent costs after 15 years: $35,075 ($140.30 per person)

Source: WASHCost calculator
Life-cycle costs – small piped scheme example

Example of possible life-cycle costs for a small piped scheme with 1500 users

- Capital expenditure ($43 per person)
- Capital Maintenance expenditure
- Operational expenditure ($4 per person per year)
- Indirect support ($0.37 per person per year)
- Direct support ($2 per person per year)

Source: WASHCost calculator
Discussion

Can/should rehabilitation programmes be avoided?

Questions:
- Is there a key solution to ensure better asset management?
- How and by whom, will this be financed?
Thank you.

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