



The Informal Economy of Pit Emptying in Blantyre, Malawi

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Tanzania

Lake Malawi (Nyasa)

Malawi

Lilongwe ★

Mozambique

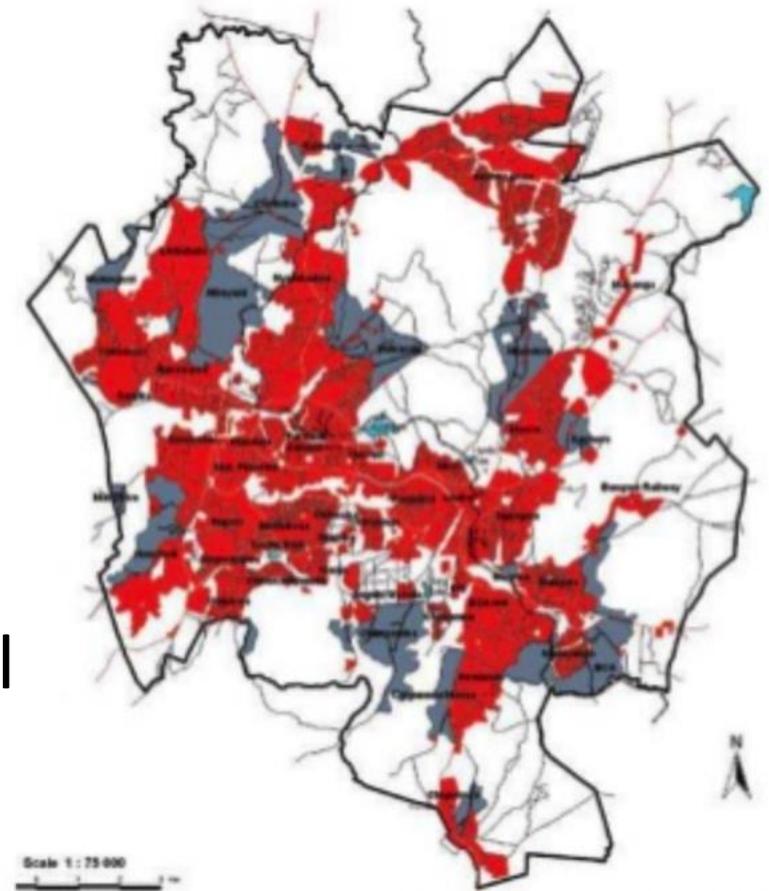
Zambia

● Blantyre

Zimbabwe

Blantyre, Malawi

- Approx. 1,000,000
- 10% sewerred, 10% septic
80% pits
- No CBS
- Mix of formal and informal
areas
- 5 WWTPs- none operational
- 1 WWTP accepts sludge



What's going on



- How does the pit emptying market work?
- Who's in the market?
- Who's not in the market?
- *And why?*

Questionnaire and shadowing

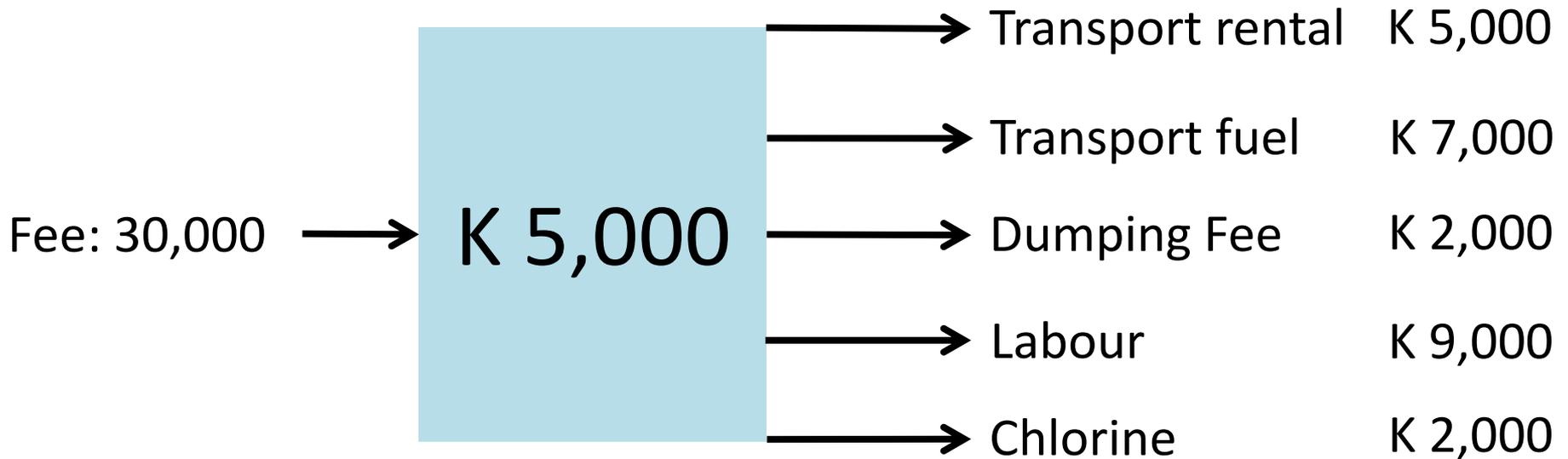
- 40 questions, day of observation
- 11 willing participants/ 14 identified
 - Only manual emptiers, no vacuum trucks







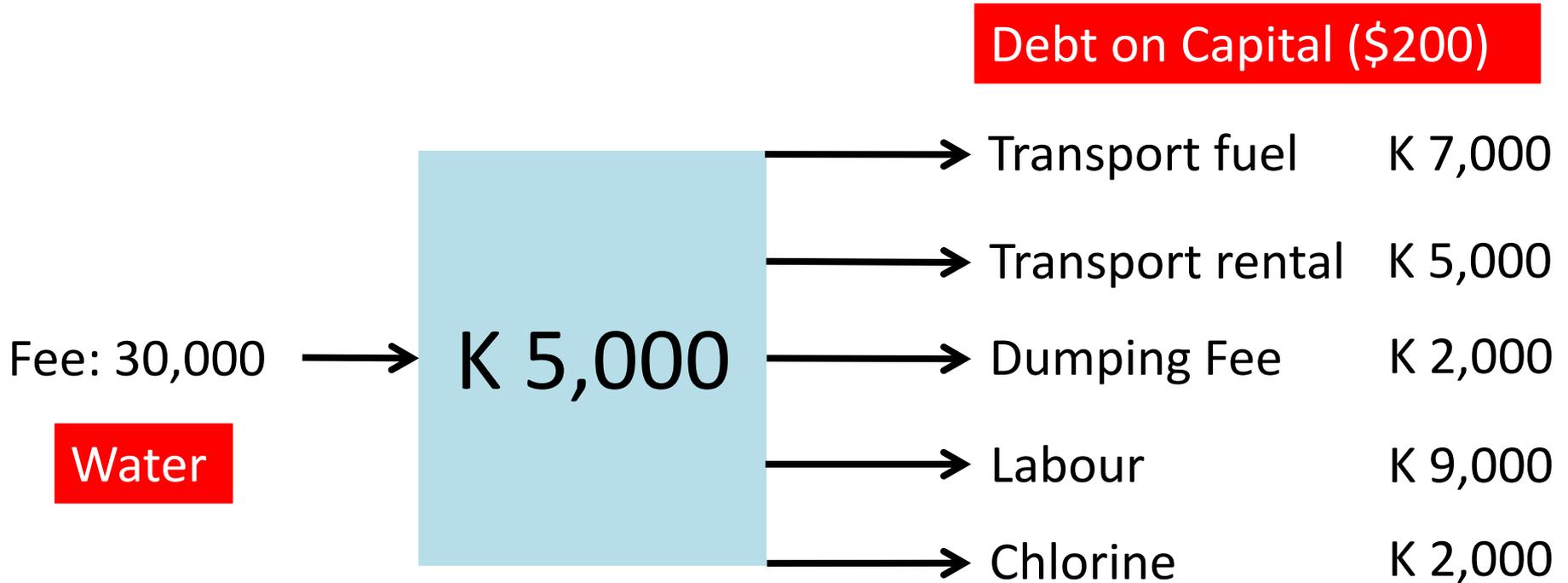
Balance Sheet



1000 K=1£



Real Balance Sheet



Water

Debt on Capital (\$200)

Inadequate Treatment

Overhead (debt collection)

PPE





ATION

What's going on?

- Limited market
 - Too expensive, limited awareness
 - Competition from construction, not providers
- Water for People Driven*
 - Transport, equipment, empowerment
- Financial barriers
 - Transport, dumping fees, seasonality

*this is not a paid endorsement



Ways forward

Increase Demand

Lower costs/increase profit

Lower Transport

Incentives/Vouchers

Transfer Stations

Local Processing

Treatment

Cheaper CBS



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HOME

ABOUT US

PROJECTS

OUR TEAM

BLOG

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OUR PROJECTS

Malawi Small Town Environmental Sanitation Planning

Sanitation



Sustainable Off-Grid electrification of Rural Villages (SOGERV)

Energy



SOWATT: Selecting Organic Waste Treatment Technologies

Sanitation

