

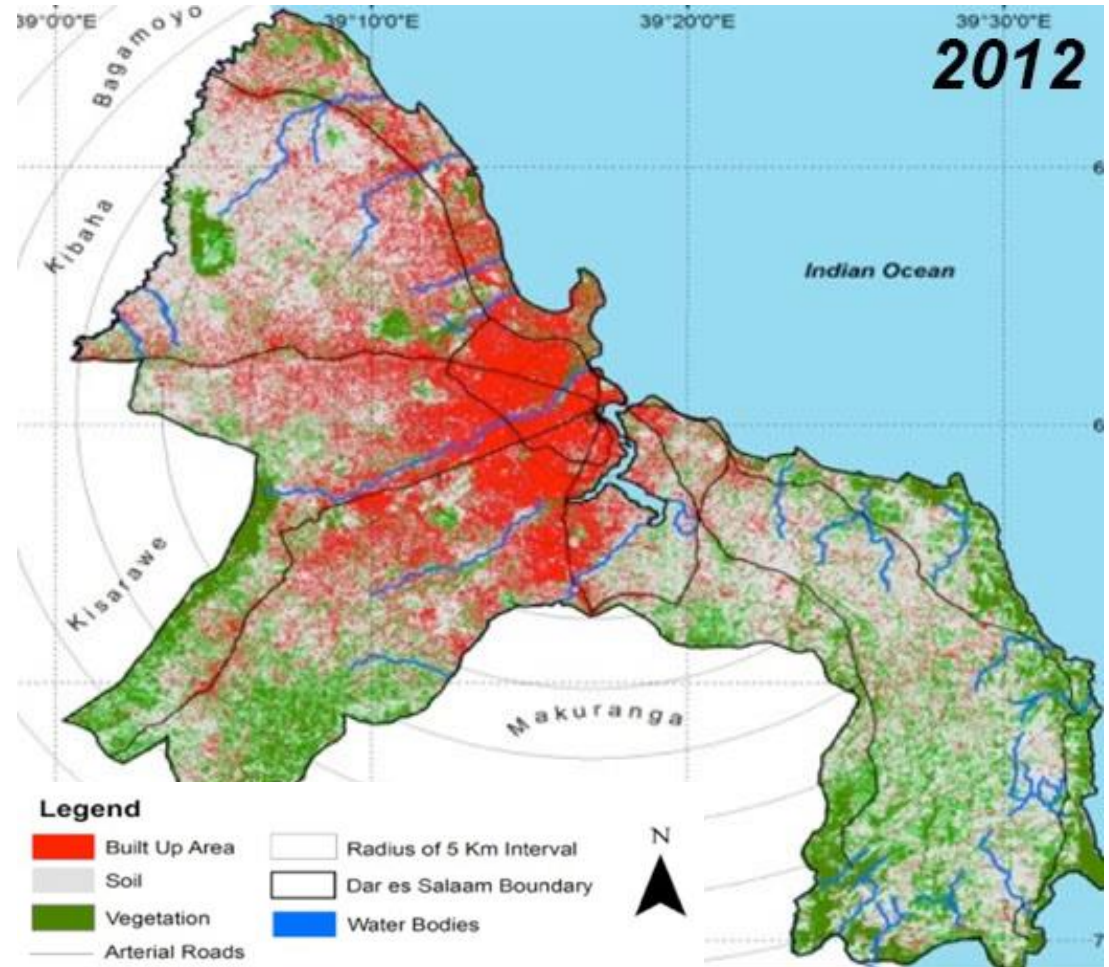
PIONEERING FAECAL SLUDGE MANAGEMENT FOR LOW-INCOME, INFORMAL SETTLEMENTS IN TANZANIA



Rationale for decentralised sanitation solutions

“Africa is the fastest urbanising continent on the planet and the demand for water and sanitation is outstripping supply in cities”

Dr Joan Clos (2011)
Former Executive Director of UN-HABITAT

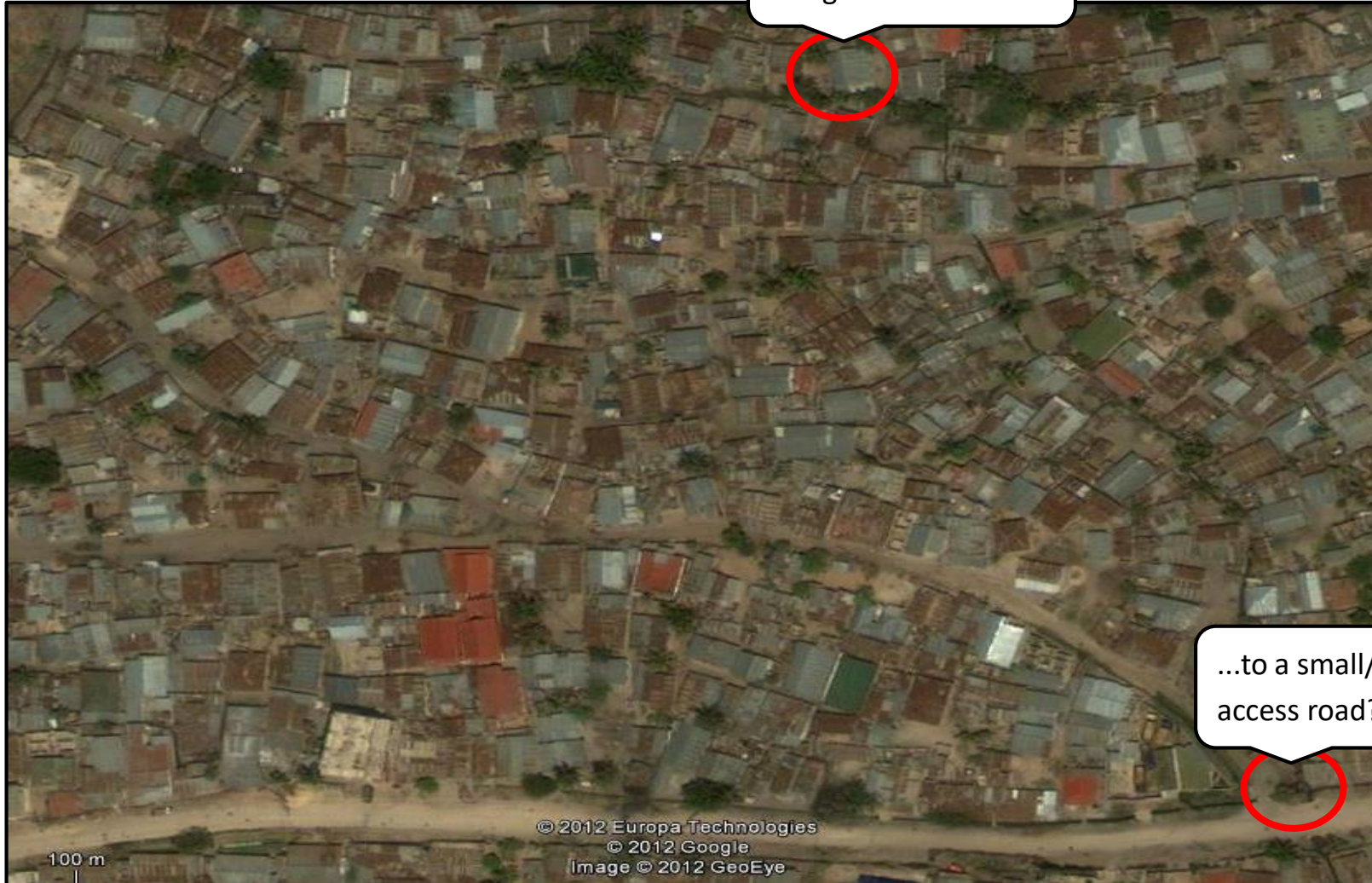


What happens when pit-latrines/septic tanks are full?



Challenge of inaccessibility

How to get the faecal
sludge from here...

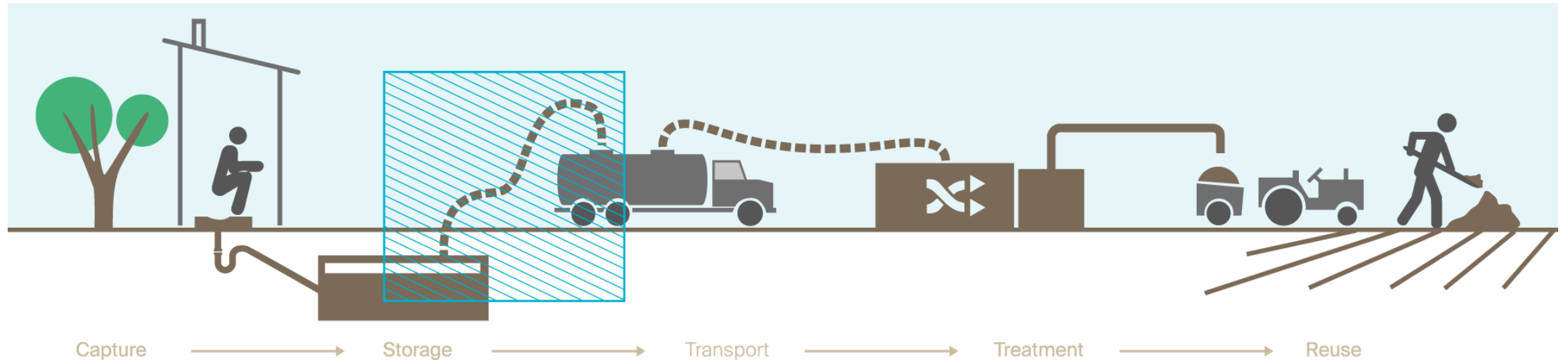


...to a small/main
access road?

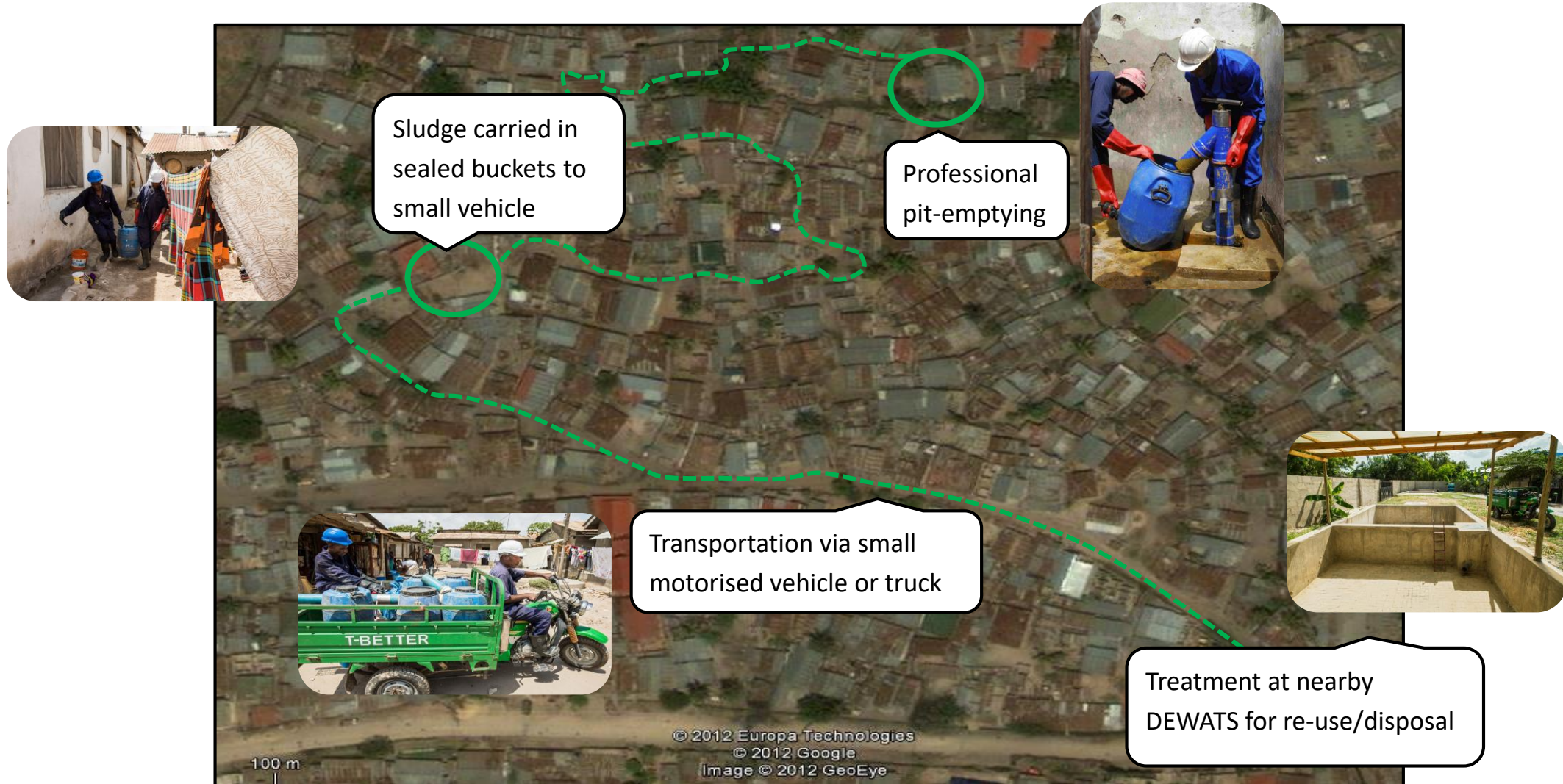
100 m

© 2012 Europa Technologies
© 2012 Google
Image © 2012 GeoEye

FSM value chain



FSM: Solutions along the service chain



FSM: Pit-emptying

ies



Professional Emptying



Emptying challenges



FSM: Transportation options



FSM: Decentralised treatment plant



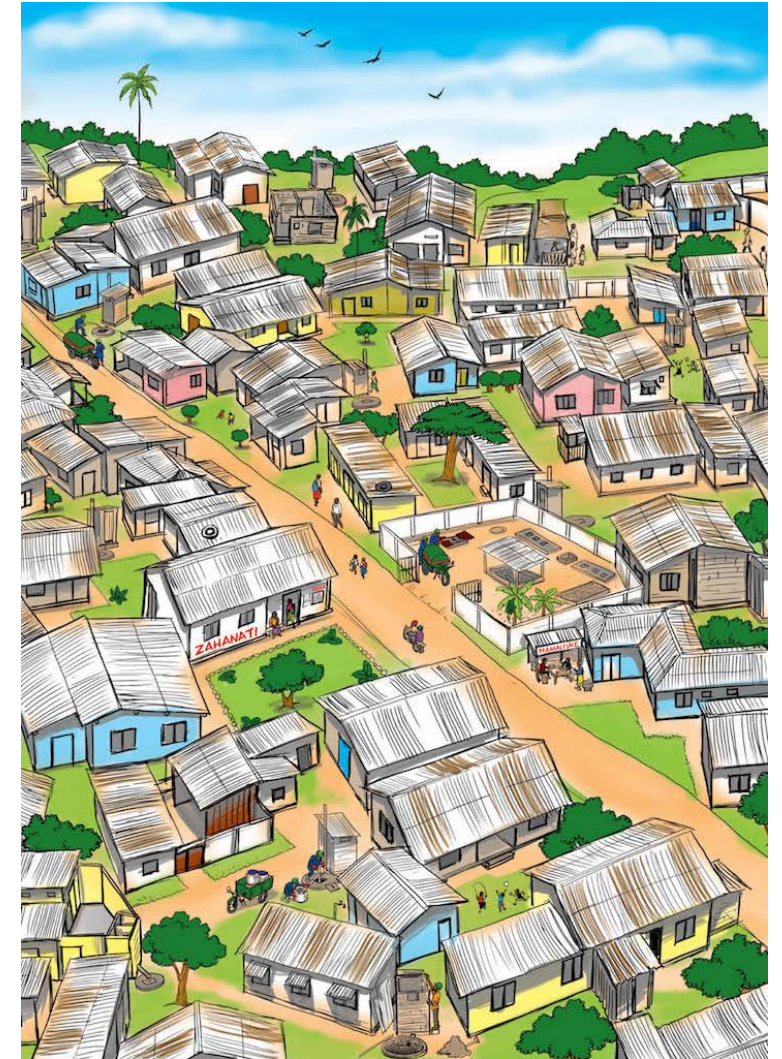
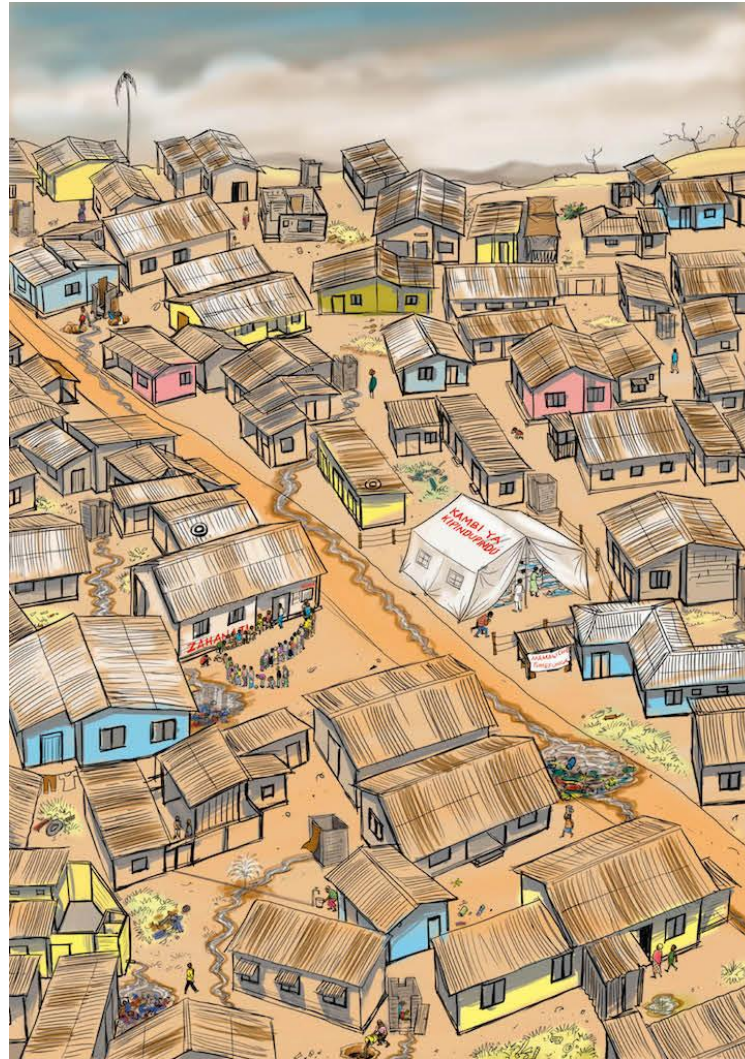
Advantages of decentralised treatment plans



Piloting > replication > scaling-up



Summary



For more information, email: bright-davies@borda-africa.org