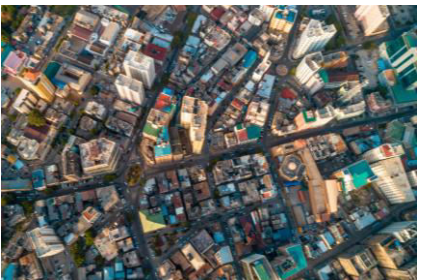


Resilience Against Future Threats (RAFT) *through Vector Control*

- 6-year research programme
 - on national mosquito strategies in the face of new and changing mosquito-borne disease threats
- **Focus:** malaria & arboviruses in sub-Saharan Africa & Southeast Asia



RAFT: Aims, Rationale, Focus

- **Malaria & arboviruses in sub-Saharan Africa & Southeast Asia**
- Short term threats:-
 - the resistance arms race in Africa
 - Operational issues and coverage gaps
- Long-term threats:-
 - Emerging mosquito threats in SSA and SEA – arboviruses
 - Planning for the Malaria End-game

How will we achieve this?

Selected Questions:

- Which LLIN products for which province?
 - Compare performance in experimental huts
 - Add molecular ID of resistance genes/mechanisms
 - For each R-mechanism: which LLIN works best against this mechanism?
- Field studies to characterize *Aedes* behavior and ecology (arbovirus vector);
- New eDNA surveillance tool for rapid assessment surveys of *An. stephensi*
- Urbanisation & Longevity