BOVA

Building Out Vector borne diseases in sub-Saharan Africa
What’s the problem?

• Vector-borne diseases are a major environmental threat to countries in sub-Saharan Africa & their economies

• Building out vectors *and designing healthier homes in general* will lead to more resilient dwellings, villages, towns and cities
The basic split

Rural/Peri-urban = malaria

Urban/Peri-urban = dengue & worse
What is the BOVA Network?

- Interdisciplinary network of researchers and practitioners working on insect-borne diseases and the built environment
- Aims to establish a new research discipline
What BOVA has achieved

• Our Network of 461 members
• Eight pump-priming projects
• Seven grant writing workshops
• Continuing advocacy and contributions to high level reports and policy documents
• Publications
• Simple messages: what can be done now
BOVA Global Membership
Eight pump-priming projects

**Basic science**
2. Phiri: Filming mosquitoes, Malawi
3. Lindsay: Up & down houses, The Gambia

**Multi-sectoral & Scale up**
4. Addissie: Housing development programme, Ethiopia
5. Mutuku: Trash to treasure, Kenya

**New tools**
6. Fillinger: Floors for tungiasis control, Kenya
7. Okumu: Mosquito repellent chairs, Tanzania
8. Saute: Screening entry points with novel LLI, Mozambique
Seven grant writing workshops

**Basic science**
1. Knudsen: Rapid malaria mapping tool
2. Lobo: Modeling airflow

**New tools**
7. Wilson: Eave ribbons in combination with LLIN

**Multi-sectoral & Scale up**
3. Altamirano: Healthy housing bridging the evidence gap
4. Ruel-Bergeron: Health through housing coalition
5. Peeters: Developing policies to build resilience and adaptation
6. Maks Davis: Chagas disease
Publications


Continuing advocacy and contributions to high level reports and policy documents

• Lancet Commission on mosquitoes, viruses and cities
• Working groups:
  - RBM work streams
  - Strategic Technical Advisory Group-NTDs
  - International Guidelines on Urban and Territorial Planning
• International meetings:
  - Roll Back Malaria, Switzerland
  - BOVA Open Network Meeting, Kenya
  - Healthy City Design, London
  - International Conference on Urban Health, China
  - American Society of Tropical Medicine & Hygiene, USA
What can be done now

• Publications: Phil Transactions “Recommendations for building out vector-borne diseases: the DELIVER mnemonic”

• Examples of good practice e.g. Singapore dengue control, emphasising environmental management

• Media: video
Mosquito video
Summary

• Providing evidence for supporting global policy on housing and health
• Helping to develop guidance for designing resilient homes and communities
• Assisting the development of a new discipline
Our Network Members

• We are relying on you to carry on the good work ....

• Final BOVA Open Network Meeting tbc

Thank you
Find out more about the network!

www.bovanetwork.org

@bovanetwork
Acknowledgments: