



ACT Consortium

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On behalf of the Consortium

M I M 2 0 0 9

G O A L

To develop and evaluate delivery mechanisms to improve ACT

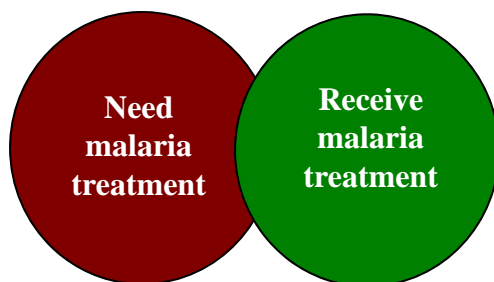
Access
Targeting
Safety
Quality

Development of Research Portfolio



- 2001: Early discussions following WHO recommendation on ACTs for malaria treatment
- 2003/4: Academics and policymakers identify key barriers
 - **NMCPs**, WHO-RBM, WHO-AFRO, Global Fund
 - Studies designed with NMCP involvement
- 2005/6: Research portfolio refined
- Nov 2007: Consortium funded: further revision & review
- 2008/9: Operationalisation of projects

The problem...



ACTs recommended for malaria treatment,
but current impact is limited

Four Research Themes

- **ACCESS:** Poorest have worst access to malarial drugs
 - How can this be improved ?
- **TARGETING:** Many ACTs used by people without malaria.
 - Implications for ACT cost-effectiveness, drug resistance, non-malaria case management
 - How can ACTs be used more efficiently?
- **SAFETY:** Drugs licensed with data in $\geq 6,000$ people.
 - Rare but important adverse events may not be detected pre-licensure
 - Need to consolidate safety profile eg repeat dosing, subgroups (eg HIV), interactions (eg antiretrovirals)
- **QUALITY:** Substandard and fake ACTs common
 - No system for quality assurance in endemic countries

Where we work



Cameroon Tanzania
Ghana Uganda
Nigeria Rwanda

Malawi
South Africa

Afghanistan

Variety of transmission settings, control strategies, drug resistance, health systems, socioeconomic status

Institutions



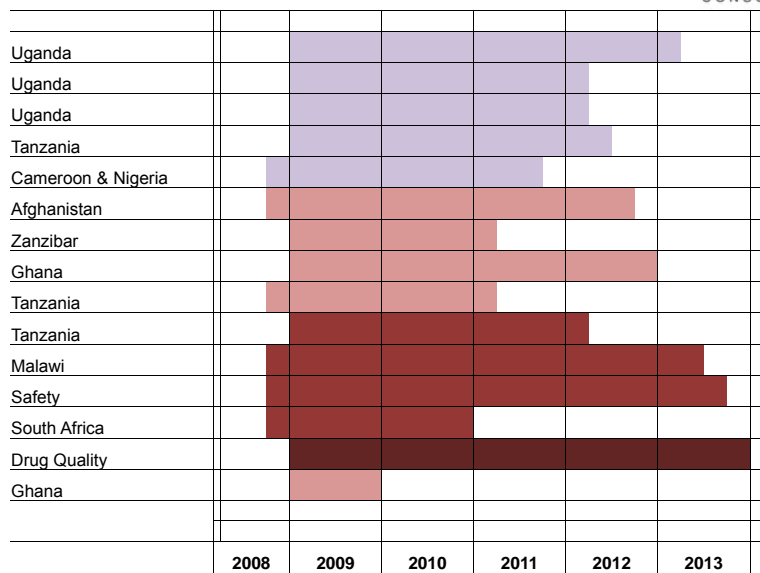
- Centres for Disease Control and Prevention, (CDC) USA
- College of Medicine, University of Malawi, Malawi
- College of Medicine, University of Nigeria, Nigeria
- Dangme West District Health Directorate, Ghana
- Georgia Institute of Technology, Georgia, USA
- Health Protection and Research Organisation, Afghanistan
- Ifakara Health Institute, Tanzania
- Infectious Disease Research Collaboration, Uganda
- Karolinska Institutet, Sweden
- Kilimanjaro Christian Medical Centre, (KCMC), Tanzania
- Kintampo Health Research Centre, Ghana
- Liverpool School of Tropical Medicine, UK
- London School of Hygiene and Tropical Medicine, UK
- National Institute for Medical Research, Tanzania
- University of Cape Town, South Africa
- University of Copenhagen, Denmark
- University of Yaoundé, Cameroon

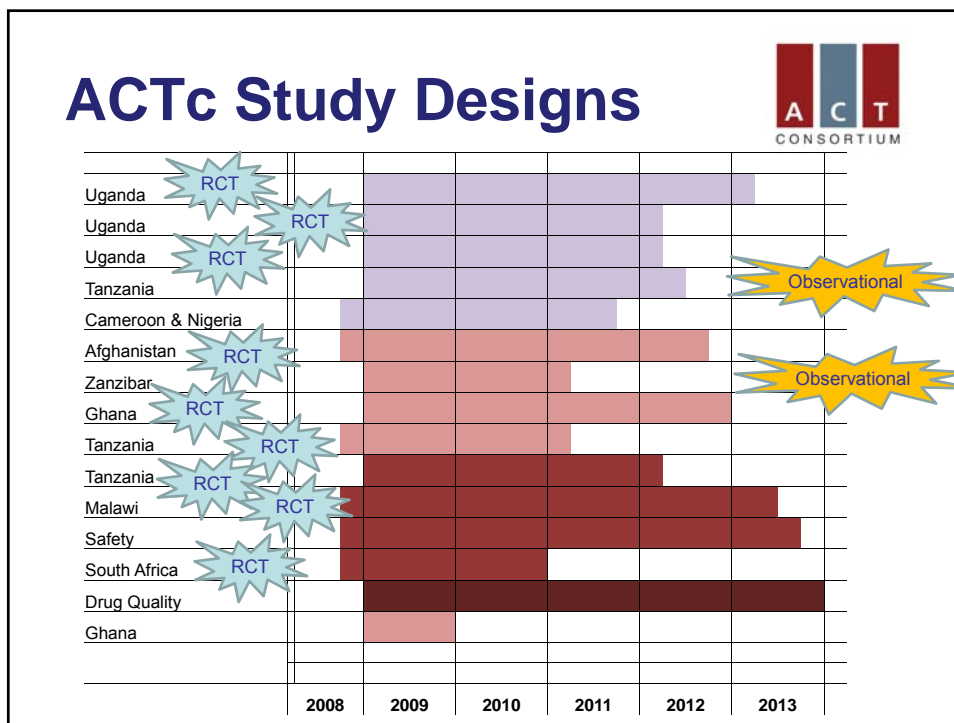
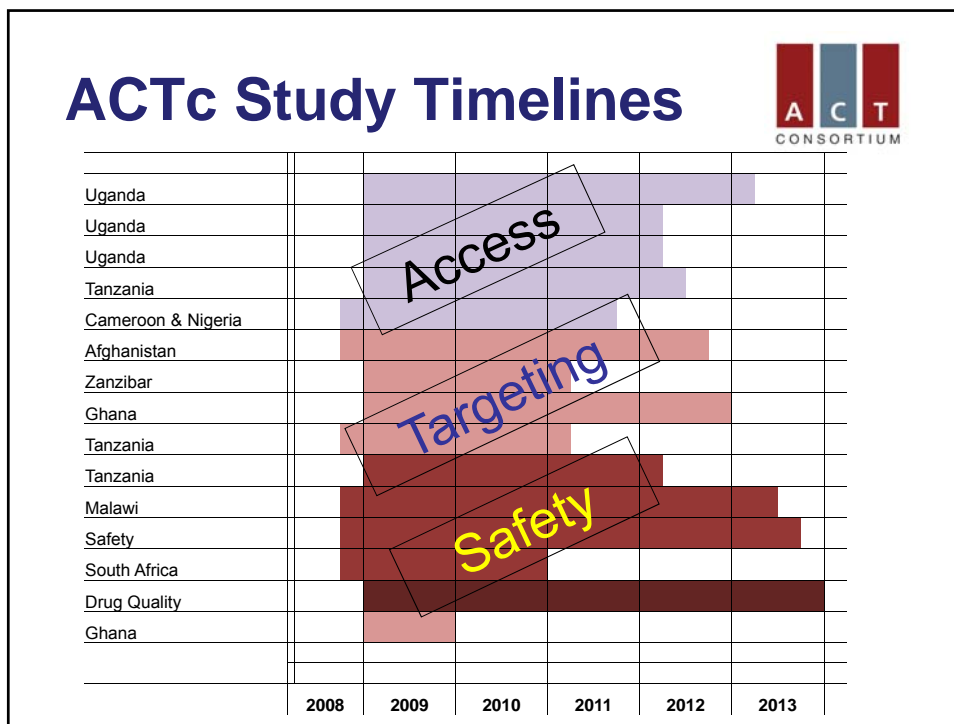
Coordinated by the London School of Hygiene and Tropical Medicine

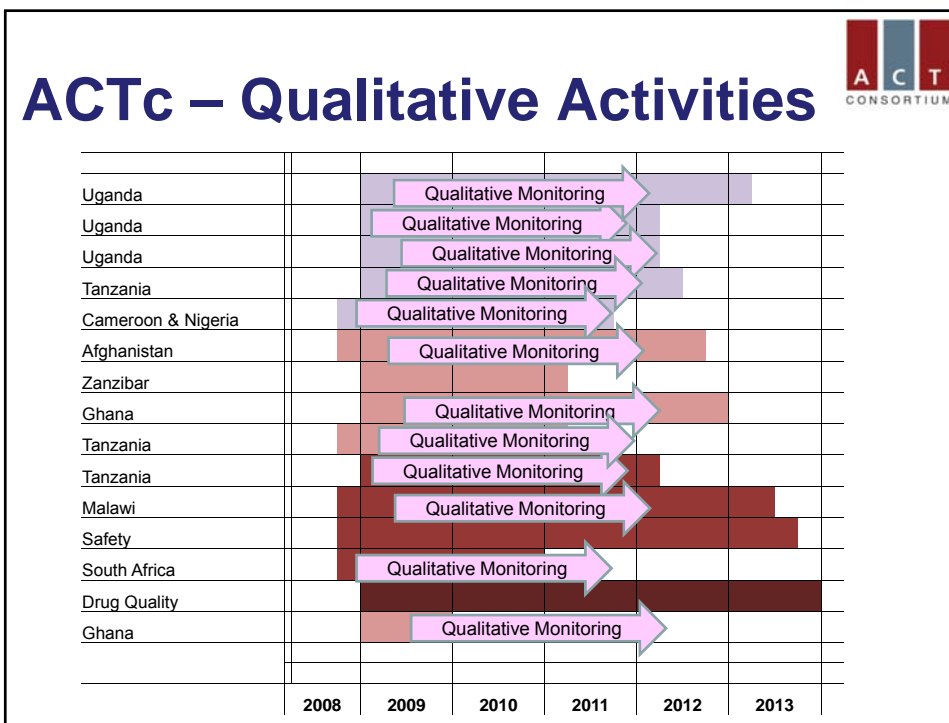
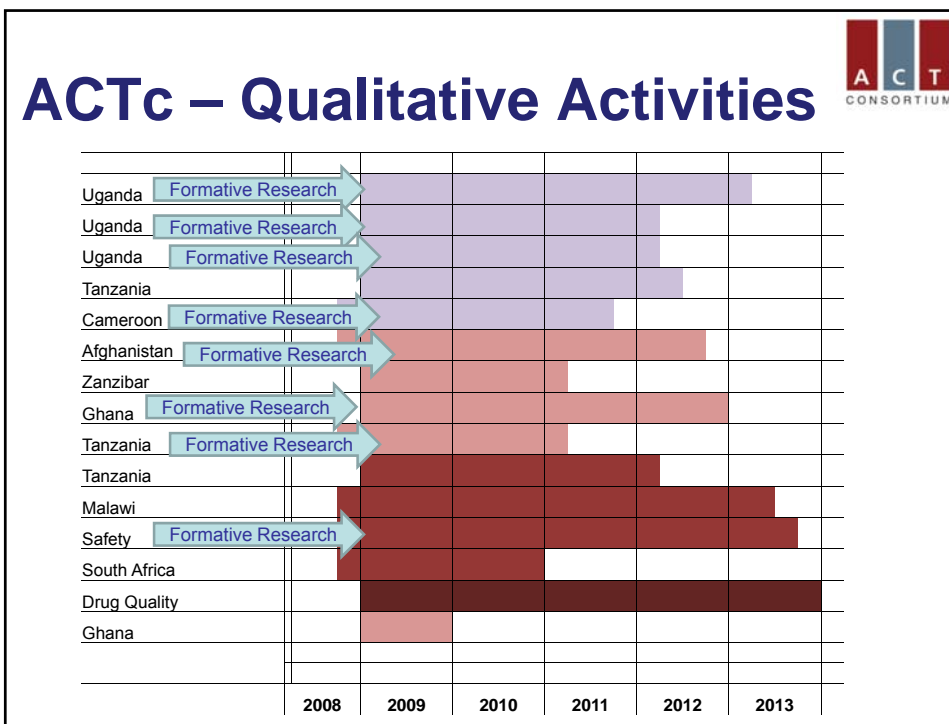
Funded by the Bill and Melinda Gates Foundation

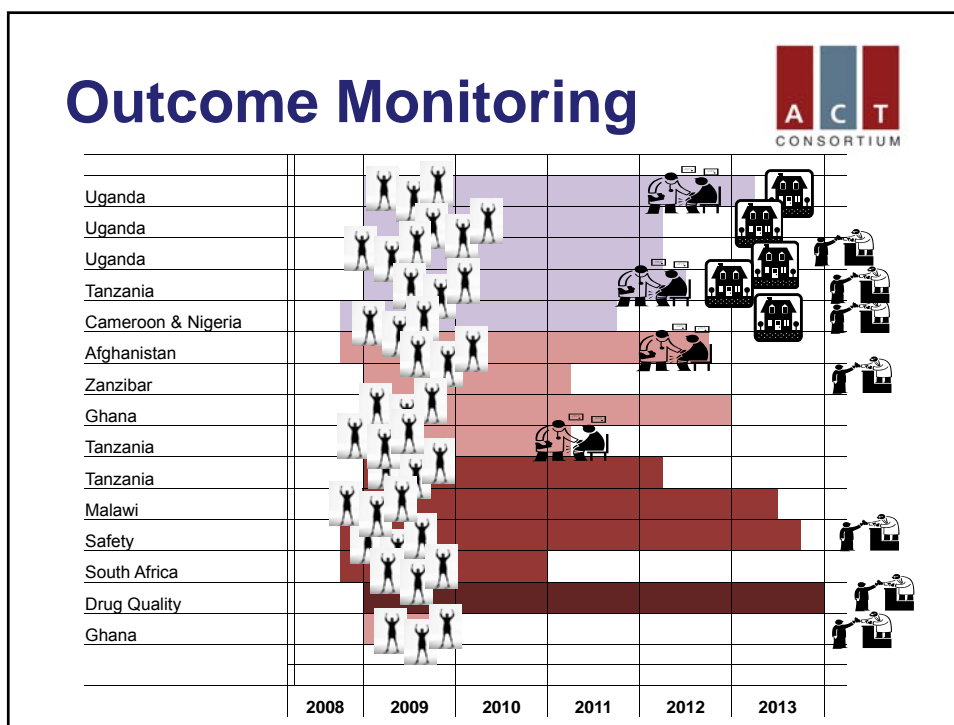
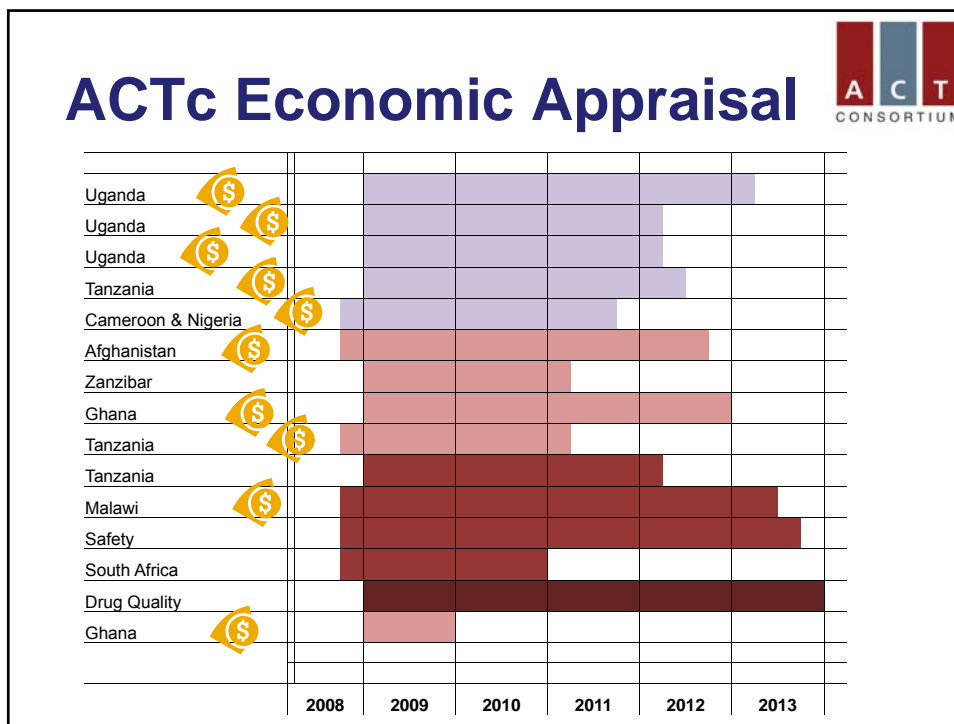
<http://www.actconsortium.org>

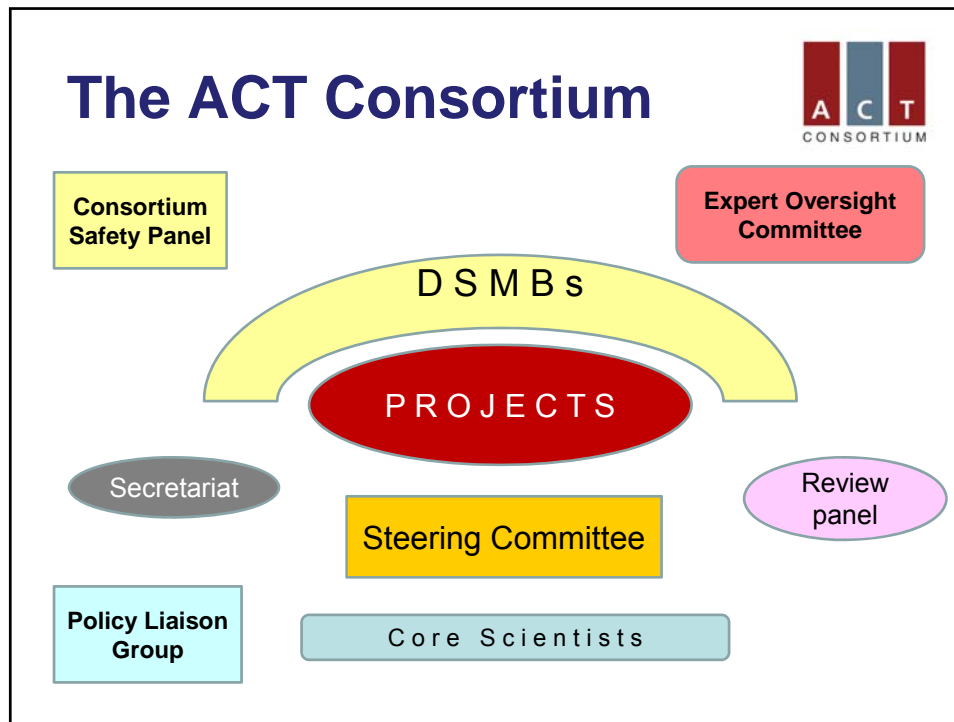
ACTc Study Timelines











Working as a Consortium

- Co-ordinated approach
- Enhanced standardisation of
 - Methodology, endpoints, indicators
 - Quality assurance
- Robust safety and effectiveness data for pooled analyses
- Involves academics, policy makers & programme managers
- Reliable, policy relevant outputs



ACT Consortium

*Answering key questions on
malaria drug delivery*

www.ACTconsortium.org