Africa Community Access Programme (AFCAP): Supporting research and development

Jeff Turner
Programme Manager
Africa Community Access Programme (AFCAP)
jeff.turner@afcap.org
www.afcap.org

13th ILO Regional Seminar for Labour-based practitioners, Kampala, Uganda
3rd December 2009
What is AFCAP?

- AFCAP is an initiative to use research evidence to promote the development of sustainable, least-cost, all-weather, locally-owned access for poor rural communities.
- AFCAP is a 5-year programme funded by the UK government, with a budget of £7.5 million with same amount contributed by partner governments.
- AFCAP implementation started in June 2008.
- AFCAP develops research collaboration between a few African countries (currently Mozambique, Malawi, Tanzania, Kenya, Ethiopia).
- AFCAP funds research, knowledge-exchange and training.
Progress to date

- developed dialogues about research and collaboration with AFCAP in 11 countries.
- established national ownership of AFCAP through AFCAP National Coordinators and AFCAP National Steering Groups in 5 countries.
- organised consultation processes on research priorities that will inform the AFCAP research agenda in 5 countries.
- identified significant demand for Community Access research in the participating countries.
- Contributed to development of wider research focus in government activity in Ethiopia
Main Areas of Demand

- Design standards for low volume roads
- Use of marginal materials in road construction
- Dealing with black cotton soils and sand
- Assessing proprietary chemical stabilisers
- Maintenance systems for low volume roads
- Capacity development in local road construction industry
- Improving accessibility in rural areas including transport services.
- Better understanding of the interactions between rural access and other development agendas
Supporting research
• Demonstration sites
• Technical Monitoring
• Design standards
• Specifications
• Demonstration sites
• Technical Monitoring
• Design standards
• Specifications
Building Capacity
• Research and Knowledge exchange
• Workshops
• Seminars
• Study tours
Low Volume Sealed Roads
Low Volume Sealed Roads

- **AFCAP support:**
- Promoting and institutionalising SADC Guidelines (Portuguese and French translations).
- Design Manual and Standard Bidding Documents for LVRs in Ethiopia.
- Demonstration sites using LVSR approach in Ethiopia, Tanzania, Mozambique and Kenya.
- On-site contractor training on surfacing options in Mozambique
Road Maintenance Systems

- **AFCAP Support**
  - Study tour by Malawi professionals to maintenance camps in Mozambique and performance based contracts in Zambia.
  - Support for a district maintenance systems project in Tanzania to provide in-depth understanding and guidance.
Condition Monitoring System for low traffic roads
Mozambique Road Fund.

- Simple and cost effective condition monitoring tool
  Not for network management
- Influence of driver behaviour and vehicle type
- Appropriate GPS equipment and software
- Consistency of results (repeatability)
- Time and distance sampling
- Appropriate Indicators
- Calibration with IRI
- Pictorial representation of results.
Road Ponds in Mozambique
Support of Research Capacity

- AFCAP is supporting the development of a research consortium on the interaction between rural community access and the MDG on maternal mortality.
- This is bringing together a multi-disciplinary research team from:
  - across 6 African countries.
  - Across health and transport specialist areas
  - Across researchers and ministries responsible for implementation
- Initial focus on:
  - Development of 3 million EURO proposal for EC funding
Summary

- AFCAP is active in Mozambique, Ethiopia, Malawi, Tanzania and Kenya but will expand to W Africa with extra resources.
- Demand for research and development in the area of rural access is overwhelming
- Need to work in partnership with other organisation to make a collective argument for greater resource in this area
THE END

THANK YOU!