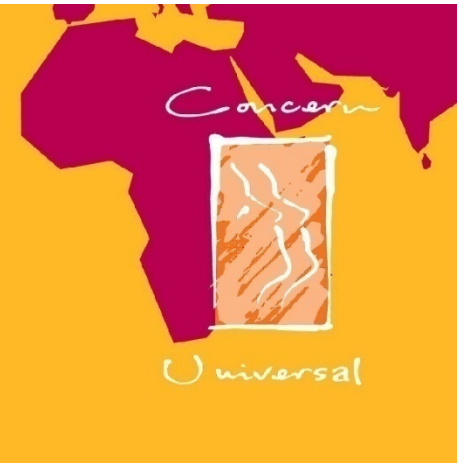


MSAMALA SUSTAINABLE ENERGY PROJECT - MALAWI



Sustainable Adoption of Energy Interventions

Preparation and implementation of energy projects and
launch of the new ACP-EU Energy Facility CfPs
23-24 November 2009 Maputo, Mozambique

PROJECT DESIGN



- **OVERALL:** To contribute to the eradication of extreme poverty and hunger of poor rural people in Balaka
 - **SPECIFIC:** Sustainable access to and use of energy Improved in TA Msamala
 - Result 1: Increased community and district government capacity to manage energy resources
 - Result 2: Increased adoption of energy-efficient technologies by households and community institutions
 - Result 3: Increased variety of sustainable and economically viable businesses
 - Result 4: Increased collaboration between institutions and communities on energy issues

IMPLEMENTATION RATIONALE/ CONTEXT



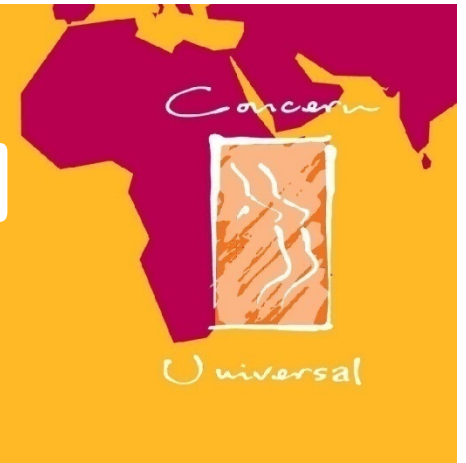
- Project focuses on rural resource poor households (beneficiaries ~170,000)
- Gender considerations and women's empowerment
- REFLECT approach (literacy & empowerment)
- Value chains approach and energy production/utilization
- Sustainable financing

TECHNOLOGIES AND STRATEGIES



- Mass awareness on Energy Efficient technologies
 - Heating Technologies: Clay stoves, HH fixed stoves, Fireless cookers, Solar Cookers ...
 - Other Technologies: Solar for lights, radios & cell phone charging...
 - Other RETS: Wind, biogas, bio-diesel...
- Train communities in production and use of energy-saving technologies
 - Heating Technologies (Partnered with ProBEC)
 - 12 groups, at least 1 per cluster of villages
 - 5 builders of fixed stoves
 - Promoters, at least 1 per village
 - Lighting technologies (through partnerships)
- Solar electricity in schools
 - Selection and Installation
- Reforestation/afforestation – multiple & environmental benefits

SUSTAINABLE ADOPTION INCENTIVE



- Use of local energy systems model
- Inclusive (participatory) energy planning strategies
- Dealing with common challenges in RET:
 - public awareness versus necessity to change/adopt
 - Resource constraints
 - “Local” political acceptance

MOTIVATIONAL OPPORTUNITIES UTILIZED



- Climate change and sustainable energy.
- Local economic improvements through value chains approach
- Use available leverages to adoption
 - Key decision makers (Chiefs)
 - Community Builders (dev. committees),
 - Community Institutions: Clinics/Schools



Thank



You!