The Role of Science Academies in Promoting Science Education programmes in Africa

SIG/RISE Workshop

Hilton Hotel, Nairobi, Kenya
June 3 -5, 2007
Core Activities of Science Academies

- Provide evidence-based policy advice
- Build national appreciation and demand for advice from the Academy, e.g. RAS Initiative with Uganda AIDS Commission
- Engage in a series of scientific activities that focus on generating and elucidating potential evidence-based solutions to pressing national concerns
Other Academy Activities

- Mobilization of expertise to offer services
- Address policy questions & issues
- Forums – series of workshops to illuminate issues
- Consensus Studies to draw conclusions & generate recommendations
At UNAS......

- Science education is part of Academy programmes. Activities include:
  - Sensitisation activities targeting teachers at various levels (Min of Education...)
  - Science Education Workshops...
  - Recognition of excellence in science: Fellows & Prizes for scientists...
  - MSI: UNAS’s deep involvement in Uganda
  - Forums and Consensus Studies on-going...
Science Education Workshop......

Best Practice recommendations

• Inquiry based methods

• Rich menu of practical work using local examples

• Emphasises relevance of content to learners

• Regional centres of excellence

• Mobile laboratory facilities

• Align curriculum to community/society needs
THANK YOU