

Biomass Energy Strategy

an initiative of GIZ and EUEI PDF

Bamako, March 2012



Partnership Dialogue Facility of the EU Energy Initiative (EUEI PDF)

- To support countries to design policies and action-oriented regional, national and sub-national strategies
- To cooperate with the (African) partners of the EUEI in the implementation of the Africa-EU Energy Partnership

Partnership Dialogue Facility of the EU Energy Initiative (EUEI PDF)

- Renewable energy
- Energy access
- Energy efficiency
- Biomass & biofuels
 - Biomass Energy Strategy (BEST)

BEST objective

Building awareness of biomass as Africa's main source of primary energy and its relevance to poverty alleviation, especially among decision-makers at policy level

by

Supporting African governments to develop national biomass energy strategies that set out rational and implementable approaches to manage the biomass energy sector.

BEST rationale

- 2.7 billion people (40% of world population) rely on traditional use of biomass for cooking
- Due to o.a. population growth, this number is expected to *rise* over the coming decades (World Energy Outlook 2010)
- Indoor air pollution and related health issues
- Misconceptions
 - Biomass as backward fuel
 - Contribution of biomass to deforestation

BEST measures

- Improve sustainability of supply
- Raise end-user efficiency
- Promote alternative sources of energy where appropriate
- Address negative perceptions of biomass energy

BEST method

- Developing a **consensus** around a biomass energy strategy in a **participatory manner**
- Including **government, private sector** and **civil society**
- Special attention to the **inclusion of women**, given their key roles in the biomass supply and demand system
- High level of **flexibility**; project design depends on national and local circumstances

BEST method

- Technical assistance to governments to **identify key challenges** and **develop scenarios**
- Support to team building and national **stakeholder dialogues**
- Technical assistance to **design biomass energy strategies** and **action plans**
- (Regional workshops to **exchange experiences**)

BEST experience

- Biomass energy is associated with **underdevelopment** and **environmental degradation** and is given **low priority**
- Biomass fuels tend to be **cheap**, managed in the **informal sector** and investments are generally **unattractive to large capital**
- Large sections of the biomass energy sector **operate outside the law**

BEST experience

- The scattered sector is **hardly caught in facts and figures**
- The illegal and scattered nature of the biomass energy sector **inhibits the uptake of modern systems** of production and consumption
- There is a **shortage of well-qualified personnel** to support sector development

BEST conditions for success

- **Revealing links** between process and primary reference frameworks; international, regional, national
- Incorporating the **role of women** and formulate recommendations for concrete actions
- Encourage, maintain and support **compliance** by implementing a **communication** strategy
- Attention for **capacity development**

BEST conditions for success

- (get to) **know the market**; supply- and demand side in all their variety
- Inclusion of **research- and training** institutes
- **Define risks** and design a **flexible process** from the beginning
- **Realistic assumptions** on actor capacities and conditions
- **Trust** among project partners and **clear rules and responsibilities**

BEST process

- **Request for assistance** from governmental body to EUEI PDF
- **Problem definition** by government (when desired with assistance from EUEI PDF)
- Design of **Terms of Reference** in cooperation with EUEI PDF
- **Tender procedure** according to relevant procurement regulations to find a suitable contractor

For more information:
www.euei-pdf.org
neeltje.de-visser@euei-pdf.org

Find the Biomass Energy Strategy Guide on:
www.euei-pdf.org/publications



EUEI PDF is an instrument of the



BEST process

1. Stakeholder analysis and team formation

- Vision and objectives
- Environment
- Responsibilities
- Team formation

2. Baseline sector analysis

- Current situation on supply and demand side
- Trends and implication
- Process' scope, time horizon and process

BEST process

3. Development of scenarios

- Different assumptions
- Potential developments

4. BEST strategy development

- Intervention options
- Selection

BEST process

5. Action planning

- Priority actions (what)
- Responsibilities (who)
- Timeframe (when)
- Resources

6. Adoption and implementation

- Endorsement
- Launch
- Implementation

BEST experience

- Botswana
- Lesotho
- Malawi
- Rwanda
- Mozambique
- Tanzania
- Ethiopia