Scaling up utilization of GBEP SI in ECOWAS
Recommendations based on lessons learned

ECOWAS/GBEP Workshop
Praia - Cape Verde
7-8 November 2013

Emiel Hanekamp, senior expert
profitable and responsible biomass

© Partners for Innovation
Presentation outline

1. 5 pilot projects on testing GBEP Sustainability Indicators
2. Results Ghana pilot
3. Results ECOFYS study
4. Recommendations
5. Financing of Technical Assistance (EU Climate Support Facility)
6. Discussion
5 pilot projects on testing GBEP Sustainability Indicators
5 pilot projects

5 countries:

- Colombia
- Ghana
- Netherlands
- Germany
- Indonesia

Additional a project-scale pilot in Japan
Lessons learned Ghana pilot project
Results Ghana pilot project

“A pilot project approach is very valuable as a first step in a country”

- Pilot should be aimed at both the technical aspects of the indicators as well as the institutional embedding
- Down to earth working with (a selection of) the indicators will:
  - Enhance capacity (all stakeholders) to work with the SI;
  - Improve communication and exchange of information between stakeholders;
- This learning by doing approach seems to be the most efficient.
For a sensible and realistic implementation of the GBEP methodology, country specific modifications are needed:

- Stakeholders involved
- Selection of indicators and sub-indicators
- Data requirements and data collection methodologies

GBEP SI are found to be important for fact based policy development, evaluation and monitoring

Although modern bioenergy is in an early stage of development in Ghana all indicators seem relevant in the medium to long run
Results Ghana pilot project

Bioenergy situation

What is the status of bioenergy use (traditional and modern) and policy?

Stakeholders

Which stakeholders (especially from government) should be involved?

Indicators

Which Sustainability Indicators should be included in the pilot?

Implementing organisations

Which organisations involved with data collection should be involved?
Lessons learned in testing the GBEP sustainability indicators

ECOFYS
sustainable energy for everyone
Recommendations for countries implementing the GBEP SI

- Ensure all relevant stakeholders are involved through the process and can take ownership of indicators.
- Focus implementation on creating or improving the capacity of national institutions.
- Avoid discounting indicators to early; indicators are interrelated and should preferably used as a whole.
- Align implementation as much as possible with existing data and data collection infrastructures.
Results ECOFYS study

Overall implementation
General guidance for (pilot) projects to implement GBEP indicators

Cross-cutting aspects I
• Highest priority: attribution and geographical scope.
• Other aspects to address:
  • Feedstock coverage
  • Way of presenting indicators.

Cross-cutting aspects II
Development of “factors”

Further development of specific indicators

Short term | Medium term | Long term
Further guidance could be developed on:

- Methodologies how to adapt existing data to GBEP requirements
- Attribution of data to bioenergy
- Allocation of impacts to co-products, for wastes and residues and for multiple products from the same crop
- Geographical scope of indicators, taking into account cross-border issues (e.g. watersheds) and imports/exports
- How to deal with data gaps;
- How to present the indicator results, to ensure consistency, including use of maps
Recommendations for further implementation of the GBEP SI

- Create an international GBEP SI expert exchange platform:
  - technical experts
  - Policymakers

- For indicators with currently low data availability (and quality), GBEP could develop “factors” (similar to the concept of emissions factors).
Recommendations for countries interested in implementing the GBEP SI
Recommendations for countries interested in implementing GBEP SI

- Pilot project set-up
- Pilot project execution
- Implement “Light” version of GBEP SI
- Evaluate working of SI system
- Adjust entire system based on evaluation
Recommendations for other countries interested in implementing GBEP SI

**Pilot project set-up:**
Focus on firm local involvement/support and project plan development. Establish: a project team consisting of the coordinating organisation (preferably the government organisation responsible for bioenergy policy) and supporting government and research organisations with expertise on (the most relevant) bioenergy related topics. Set-up a policy stakeholder group with all key government organisations. Time needed: 6 months.

**Pilot execution:**
Focus on studying the current situation. Assess: relevance and priority of (sub)indicators, current data collection methodology and relation with GBEP methodology, indicator scope, data collection practices and infrastructures (capacities and funding), expected implementation costs. Time needed: 1 year.
Recommendations for other countries interested in implementing GBEP SI

Implement “Light” version of GBEP SI:
Focus on learning by doing; collect data, calculate/compose indicators and report the indicators.
Develop light version of GBEP methodology and data collection strategy.
Set-up data infrastructure (hard and software) including capacity building.
Support policymakers using SI in formulation, monitoring and evaluation
Time needed: 2 year

Evaluate working of SI system after 2 years in operation:
Focus on: "Does the current system fulfil its needs?"
Extend the system with more sub-indicators, extended scope or otherwise. Or reduce the coverage and scope if desired. Focus on defining the system as needed by the policymakers.
Time needed: 3 months
Recommendations for other countries interested in implementing GBEP SI

Adjust entire system based on evaluation
Implement the adjusted system as defined in the evaluation.
Support policymakers in using the indicators in policy formulation and monitoring
Time needed: 1 year

Repeat evaluation and adjustment on a regular basis
Financing of Technical Assistance

The EU Climate Support Facility

The EU Climate Support Facility offers expert support to organisations in ACP countries for short-term (customised) Technical Assistance and training related to Climate Change.

- Training, workshops, capacity building
- Project identification/formulation and feasibility studies
- Assessment of projects and help to access funding
- Policy development, strategies and roadmap preparation
The EU Climate Support Facility

- Anyone based in ACP countries can apply for support
- Procedures are very quick and easy (within 4 weeks work starts)
- Approximately 50 expert days of support
- More information:
  
  www.gcca.eu/intra-acp/climate-support-facility

Or contact Partners for Innovation:

  Emiel Hanekamp
  e.Hanekamp@partnersforinnovation.com
  0031206200511 or 00310651542539
Thank you for your attention!

Partners for Innovation BV
Emiel Hanekamp
+31 20 62 00 511
e.hanekamp@partnersforinnovation.com