



# **Workshop on the Implementation Guide for the GBEP Sustainability Indicators for Bioenergy**

## **Ghana's Experience on the measurement of the GBEP Sustainability Indicators and on other GBEP activities**

**Kwabena A. Otu-Danquah  
Energy Commission**

**FAO Headquarters, Rome**

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# OBJECTIVES: GHANA GBEP PILOT PROJECT

1. Enhance capacity in Ghana using the GBEP sustainability indicators as a tool to:
  - Assess sustainability of bioenergy sector
  - Develop sustainable bioenergy policies
2. Learning lessons on how to use the indicators:
  - Enhance their practicality for policymakers
  - Spread experiences in ECOWAS region and GBEP

# OBJECTIVES OF RESEARCH WORK

1. Assess the status of bioenergy data collection
2. Understand the practicalities of implementing the GBEP indicators in Ghana
3. Learn lessons on ways to move forward with the GBEP indicators in Ghana

# SELECTED RESEARCH INSTITUTES



**CSIR – FORIG:** environmental indicators  
1, 2, 3 and 8

**CSIR – IIR:** economic indicators 17, 18, 20  
and 23



**UG – ISSER:** social indicators 10, 12 and 14

# RESEARCH ASSIGNMENTS

1. Collected most appropriate (available) data
2. Assessed usefulness, availability and quality of data
3. Provided recommendations for improved data collection and use
4. Provided baseline values for selected indicators



# Results

- Provided insights in the status of bioenergy data collection, understanding the practicalities of implementing the GBEP indicators and learning lessons on how to move forward
- Data, indicators and baseline values are very relevant for Ghana
- Lot of data is collected in a structured and systematic manner but do not focus on bioenergy
- Most GBEP methodologies do not fit with the current practices in Ghana
- Baseline values considered as very relevant but a new concept for Ghana

# Recommendations

- Increased financial resources are needed for improved data availability and quality
- Stepwise approach: starting with a selection of simplified (\*) indicators
- Improvement of human and institutional capacities
- Enforcement of data collection and reporting obligations

\* Easier methodological approach with less time and resources needed for data collection and also less sub-indicators

# **How GBEP Sustainability Indicators have influenced national policy decisions**

- Ghana Bioenergy Policy formulation
- Supporting the process of prioritising policy measures
- Supporting the process of determining baseline values
- Supporting the monitoring of impact/progress of policies
- Being used as an assessment tool for bioenergy technologies

**Thank you all**