

CROSSING CUTTING ISSUES ON TERMINOLOGY, VERIFICATION AND AUDITING

Working Group-1

CRITICAL ISSUES

- ❑ In this standard total emphasis is on the **production of energy crops** and associated issues like
 - ❑ Water management, soil management , soil productivity, bio-diversity etc
- ❑ Our suggestion is that why not consider **other organic waste** as an input to bio energy production e.g.
 - ❑ farm animal waste, crop residues organic liquid waste, municipal solid waste etc

CRITICAL ISSUES

- ✘ Definitions
- ✘ The term Bio-gas is totally neglected in the standard,
 - + definition is required and it may be included in Table-1&2 also
 - + The term bio-energy product is referred in the standard but definition is not given, following is our suggestion
 - ✘ Gaseous, liquid or solid product derived from biomass that can be used in energy production.
 - + Similar terms should be arranged in order like bio-fuel, bio-liquid, bio-gas and solid bio-fuel
 - + Generally other similar terms should also be arranged in order.

CRITICAL ISSUES

× Implementation issues

- + Most of the indicators requires substantial support from Govt.
 - × Like assessment of impacts on food prices and on food production.
 - × Food security assessment
 - × Biodiversity values within the area of production etc
- + As this standard is a product standard and going to be implemented on voluntary basis by the producers, how govt. will help to individuals/producers on above mentioned things.
- + Knowledge/understanding of bio-energy producer.
- + Input from different environmental, social, economic, agriculture experts is required to bio-energy producer for the implementation of this standard.

CRITICAL ISSUES

× Auditing issues

- + Auditors must have good knowledge about agriculture, environment, social, health safety etc.
- + How to measure
 - × Corruption
 - × Market transparency
 - × Compliance of regional/international laws