

# Group 1 Discussions Report

## Intensification and Development of Sustainable Production Systems

### A) Comments/Input on the Outcomes and Objectives

- the component “to improve sustainable management of natural resources (should also reflect possible needs for soil/land restoration (in cases where land is degraded), avoiding soil nutrient mining; reflecting the integrated approach)
- the component (iii) to read achieve greater food and nutrition security .....
- whiles research and extension is dealt with elsewhere, it will be important for this PROGRAMME to highlight that appropriate research and extension will be critical in moving the “intensification agenda”

### i) **Sub-programme 1: Sustainable Soil Conservation**

For possible inclusion:

- establish **and sustain** agroforestry practices
- adapt the CAADP-TerrAfrica SLM framework to help streamline and articulate an holistic and coherent programme on sustainable land and water management
- while “soil erosion/conservation is identified as a priority area in Rwanda, recommended that in pursuing this strategy, it will be required that:
  - the approach takes a more **integrated and holistic** thrust within the broader context of sustainable land and water management
  - **Actual practices**, additional to agroforestry could be considered within the context of identified/expressed needs in the local communities. Examples; organic farming, conservation agriculture/reduced tillage, community based forest management, etc...
  - Within terraces also consider and stimulate cropping practices (i.e. in between the terraces) that support sustainable use of natural resources
- Economic/Cost-benefit analysis for some possible/promising options including terracing – To also ensure best returns on investments
- Activities related to the above additions will need to be developed
- Budget able to take in more activities

## **ii) Sub-programme 2: Marshland development**

- care on extent of converting the marshlands into crop production; recognising that there is value (e.g. hydrology) in maintaining the marshlands

- reflect lessons from assessments undertaken on value, vulnerability, conservation, etc.. of the marshlands
- integrated sustainable management of marshlands

### **iii) Sub-programme 3: Irrigation development**

- ensure consistent in the unit of measurements – in the target statement
- multi-use of the community ponds, especially in aquaculture
- environmental IMPACT assessment – important

### **iv) Sub-programme 4: ..... Agricultural Inputs and Mechanisation**

- Title, add; ..... and mechanisation
- Mineral and organic fertilizers --- feasibility and appropriate use in defined environments
- Availability of organic fertilizers
- Reference to organic farming in the context of its relationship to sustainable soil fertility
- Addition/definition of activities with regard to farm implements / labour saving technologies

### **v) Sub-programme 5: Improvement and diversification...**

Link to Improvement and Diversification of ..... Crop Production systems

## **vi) Sub-programme 6: Food access and vulnerability**

- Incorporate .. attention to nutrition, .... Production and quality of key food crops ...
- Consideration:
  - strategic food security reserves
  - Food and nutrition security Policy
  - Early warning and response mechanisms

## **B) Experiences / Success stories**

### Policies

- Food and nutritional security policy in Uganda
- Early warning system in Kenya

### Approaches/methodology

- CAADP-TerrAfrica SLWM framework
- Fisheries strategy in NEPAD-CAADP
- Community forest management

### Practices

- Integrated agroforestry
- Conservation agriculture/reduced tillage (Kenya, Tanzania, Uganda)
- Irrigation systems and related capacity development – Egypt
- Fresh orange potato and Banana processing (region)

## **C) Implementation challenges**

- integrate thrust towards APPLIED RESEARCH
- Financing gaps / attracting (local) private sector investment
- Skills and institutional capacities
- Crop/livestock disease

## Cross-cutting issues

- Consideration/integration
  - HIV-Aids
  - Social inclusion
  - Gender
  - Community participation / governance
  -
- Revision process
  - inter-programme liaison/coordination to clearly define linkages (synergies and complementarities) and avoiding double counting
- **Overall Title:** Group recommended revision of the main title to ensure that it covers the additions/ adaptations that will be accepted