

Kitui, May 13<sup>th</sup> 2010.

## **Report of the meeting May 13<sup>TH</sup> and 14<sup>th</sup> 2010 at Sasol.**

### **MPC South.**

#### **Participants:**

Sasol:            Professor G. Mutiso  
                     Mutinda Munguti  
                     Fredrick Kimwilu  
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                     Kennedy Mutati  
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#### **Agenda:**

1. Review of the existing documents of March 17<sup>th</sup> -18<sup>th</sup> March 2010 and 28<sup>th</sup> of April 2010.
2. Concretize outcomes and outputs
3. Decide on the performance indicators
4. Contribution of the Ex-change program and relations with Edukans policy
5. Relation to the Sasol/Heymans/Ex-change documents

Introduction and clearness made by Mutinda.

MPC South is a training centre and is based on three thematic areas:

- Land and water management
- Vocational education
- Enterprise development

Each thematic area has its own projects.

Infrastructure is a condition not a goal of its own.

MPC South is a functional institute.

The name MPC South has to be changed.

Concretize the outputs.

The realisation of the buildings of MPC South depends on the founding of Heymans foundation of the Ex-change program.

The Edukans programs other then the Ex-change program will not fund infrastructure.

The Heymans funding is direct connected with the cooperation of Dutch and Kenyan student.

Without these students Heymans will not fund the infrastructure.

It means that, when there are no student teams at Sasol, there will be no construction activities.

Ex-change has to lobby within Edukans to secure the funding by Heymans at least till and including 2012.

**Outputs related to specific objective 1:**

*To provide the youths with accessible and quality TVET relevant to the labour market.*

**Output 1: Number of buildings.**

The infrastructure should be finished in 2012.

List of planned buildings:

Building/ Infrastructure	Size in m <sup>2</sup>	Function	Year of realisation
Farmhouse	27	To house 2 shepherds	2010
Livestock area	100	Area for livestock	2010
Sanitation	2	Sanitation for shepherds	2010
Sand storage dam UC	-	Water catchment	2010
Fence	-	Safety	2010/11
Open office	170	Office for Sasol staff and students	2010
Sand storage dam 1	-	Water catchment	2010
Entrance building	40	Porters lodge, reception & demonstration shop	2011
Power building	20	Building for all power utilities	2011
Sand storage dam 5	-	Water catchment	2012
Storage/maintenance	100	Building for machinery, tools and materials	2012
Main water tank	9	To provide everything with water	2012
Incinerator	10	To burn waste and store waste	2011
Sand storage dam 2	-	Water catchment	2011
Employee houses	400	Houses for all the employees	2012
Sand storage dam 3	-	Water catchment	2011
Dormitory	200	Place to stay for trainees	2012
Sand storage dam 4	-	Water catchment	2012
Kitchen/dining room	250	To cook and place to eat for trainees	2012
First aid room	5	Room to deliver first aid (in the dining room)	2012

Class room /workshop	175	Class room for trainees	2011
Model and practical room	80	Room with models for trainees and tourists, room for practices for trainees	2012
Computer room	120	Room to give training in ICT	2012
Farms	30	Farms for the different farmlands	2011/12
Guest houses	4x25	Houses for guests and tourists	2012
garden		Place to eat and relax	2011/12

### **Output 2: Number of curricula.**

A better expression is: training manuals because of the formal establishment of curricula by the government.

There are two different kinds of training manuals:

- Study guide for coaches in (small) enterprises, companies, workshops, related to the apprenticeship
- Training manuals for life skills, ICT and entrepreneurial skills for the levels:
  - o Apprenticeship
  - o Vocationalisation of secondary schools
  - o Vocationalisation of tertiary schools.

The pilot of a study guide for coaches will be developed in 2010 as part of the TIVETR Ex-change program.

The training manuals for life skills, ICT and entrepreneurial skills will be developed in 2010.

### **Output 3: Number of trainees.**

Apprenticeship:

The training of the technical skills takes place in workshops, (small) enterprises or companies.

The training of life skills, ICT and entrepreneurial skills takes place at and is done by Sasol.

Secondary schools:

Training of life skills, ICT and entrepreneurial skills will take place in form 4 during the first or second term.

Sasol does the training at the secondary schools concerned.

The number of involved secondary schools is 14.

Post tertiary:

This concerns youth who are graduated and have already a degree.

Training in life skills, entrepreneurial skills and ICT takes place at and is done by Sasol.

Number of trainees:

Year	Apprenticeship	Secondary schools	Post tertiary
2010	20	1400	65
2011	25	1400	75
2012	30	1400	80
2013	35	1540	85
2014	40	1540	90
2015	45	1540	95
Total in 2015	195	8820	490

#### **Output 4: Market mapping.**

The labour market is limited to the Kitui and Mutomo districts.

The market mapping as a pilot within TIVET Ex-change program will be done in 2010 and extended in 2011.

The market mapping is related to the eight disciplines mentioned.

The market mapping should be revised every other year.

#### **Output 5: Number of meetings held for policy change.**

Sasol will lobby at local and regional level (Kitui and Mutomo district).

Policy briefs: 2 times a year.

Meetings: 4 times a year with ministry of Youth and 4 times a year with the representatives of ministry of education.

#### **Outcomes related to objective 1:**

##### **Outcome 1:**

75% of the apprenticeship students have gainful employment after half a year of finishing training.

75% of the tertiary students have gainful employment after half a year of finishing training.

80% of the students of secondary schools are aware of the valid of the training of life skills, ICT and entrepreneurial skills after the training.

##### **Outcome 2:**

Apprenticeships generate an income of at least 300% of the income per capita in Kitui.

Tertiary students generate an income of at least 600% of the income per capita in Kitui.

##### **Outcome 3:**

Regional policy influenced in favour of TIVET and regional resource allocation.

**Outputs related to the specific objective 2:**

*To enhance the capacity of farmers with better dry land farming practices and structures for increased production to improve food security.*

**Crops farming:****Output 1: Baseline report.**

The subjects of the baseline report have to be identified.

The next baseline survey has to be done in 2015.

**Output 2: Number of structures and sand dams.**

The output includes sand dam related training of sand dam groups.

Year	Number of sand dams	Number of trained sand dam groups
2010	50	25
2011	50	25
2012	50	25
2013	50	25
2014	50	25
2015	50	25
Total in 2015	300	150

**Output 3: Number of trainees.**

Trainees are farmers of functional groups.

5 functional groups will be trained during a period of 6 years.

Each functional group has 25 members (farmers) in average.

It means that 125 farmers will be trained in the period 2010-2015.

But the number of so-called training units is  $6 \times 125 = 750$ .

**Output 4: Terracing.**

Terracing has two components:

- Construction
- Training terrace function groups

Year	Number of meters terracing 2000 meter/group/year	Number of trained terracing groups
2010	10000	5
2011	10000	5
2012	10000	5
2013	10000	5
2014	10000	5
2015	10000	5

Total in 2015	60000	25

**Output 5: Quantities produced.**

The baseline survey will produce figures about quantities.

**Output 6: Number of seed banks and grain stores.**

Each functional group (5) has to develop a seed bank and grain store.  
 Each group develops a different seed bank.  
 The seed bank and grain store are means for income generating.  
 The seed banks and grain stores should be developed in the period 2010 – 2015.

**Output 7: Number of new varieties introduced.**

The 5 functional groups will introduce 10 new varieties in the period 2010-2015.  
 5 new varieties will already be introduced in 2013.

**Output 8: Number of fruit trees grown.**

The farmers of the 5 functional groups will plant trees of different varieties in the period 2010-2015.  
 Each farmer (total 125) will have plant 20 trees in 2010, 40 trees in 2012 and 100 trees in 2015.  
 Total amount of trees:

2010	2500
2012	5000
2015	12500

**Output 9: Number of model farms established.**

In 2015 each farm within the functional group will be a model farm.  
 So in 2015 125 model farms will exist.

**Output 10: Techniques and technologies.**

In 2015 new techniques and technologies will be developed related to crop production.  
 Piloting and testing of new technologies are activities.

**Livestock.**

**Output 1: baseline survey.**

A baseline survey has to be done every 5 years, the first one in 2010.

Output 2: Numbers of high yielding breeds introduced.

In 2015 10 functional farmer groups will be established:

- 5 for goats
- 5 for chickens

Each functional farmers group has an average number of members of 25.

Sasol breeds improved goats. Part of the breeds becomes available for the functional farmer groups.

Year	Number of improved breed available for farmer function groups
2010	0
2011	200
2012	400
2013	400
2014	400
2015	400

In 2015 each farmer should have 20 improved breeds.  
In total  $5 \times 25 \times 20 = 2500$  improved breeds.

Chickens:

Chicken breeding at MPC South serves two purposes:

- Demonstration of improved breeds
- Income generating

Year	Number of chickens MPC-S	Number of improved chickens members of functional farmer groups
2010	1000	0
2011	1000	12500 (each farmer 100)
2012	1000	12500
2013	1000	12500
2014	1000	12500
2015	1000	12500

Total amount of chickens in 2015:

- Sasol            5000
- Farmers        62500

Other (cows and rabbits) only on community request.

Bees will be developed later.

### **Output 3: Number of high nutrition feeds.**

In 2015 a number of 5 new varieties of shrubs and grasses will be introduced by all farmers of the 5 functional groups. (125 farmers).

### **Output 4: Quantity amount of fodder/feeds stored.**

Each farmer has a fodder/feeds store by 2015 (125 stores).

### **Output 5: Kind of pests and diseases controlled.**

In 2015 the farmers of the functional groups are able to control goat diseases like worms, ticks, CCPP and chicken diseases like New Castle disease, coccidiosis.

### **Output 6: Marketing channels established.**

In 2015 each functional farmer group has its own marketing channel like cooperative, contracts etc.

### **Outcomes related to objective 2:**

1. Increased production with 100%
2. Increased income: 75% of the farmers of the functional groups  
Sasol MPC-South four million KSh.
3. 375 households taking 3 meals per day (15 functional farmer groups of 25 farmers each).
4. 375 households consuming balanced diets (15 functional farmer groups of 25 farmers each).

### **Outputs related to specific objective 3.**

*To stimulate and support entrepreneurship amongst youth and functional groups for income generating.*

### **Output 1: Needs assessment report.**

This concerns youth of the communities where the functional farmer groups are settled  
The functional groups are different from the functional farmer groups as mentioned related to objective 2.

What do they need to become entrepreneurs?

Mapping of:

- access to resources
- skills
- opportunities available.

Mapping should be finished in 2011.

### **Output 2: Number of youth entrepreneurial functional groups formed.**



Year	Number of functional groups
2010	0
2011	1
2012	2
2013	2
2014	0
2015	0
Total in 2015	5

**Output 3: number of trainees.**

Each functional group has in average 25 members.

Year	Number of trainees
2010	0
2011	25
2012	50
2013	50
2014	0
2015	0
Total in 2015	125

**Output 4: new products developed/diversification.**

In 2015 each functional group has developed at least 2 new products.  
In 2015 at least 10 new products are developed.

**Output 5: Marketing channels established.**

In 2015 each functional group has its own marketing channel like cooperative, contracts, etc.

**Outcomes related to objective 3:**

**Outcome 1:**

75% of the members of the youth functional groups have improved income.

**Outcome 2:**

75% of the youth functional group members have improved attitude towards entrepreneurship.

**Appointment: the facilitator will write the final RBM document.**

