

Kitui, March 22 2010.

Report of the meeting March 22. 2010.

ICT

Participants:

Sasol: Professor G. Mutiso
Mutinda Munguti
Fredrick Kimwilu
Peris Munyaka
Kennedy Mutati
Annah Mutuku
Ben Muendo

Ex-change: Henk Haring

Ecabo: Ron Creutzburg

Getronics: Michiel Weber

Facilitator: Adriaan Vrienten

Aim of the discussion was:

To discuss and develop a long term ICT perspective related to the strategy of Sasol, the normal Ex-change program and Tivet.

Also related to student level of higher en secondary vocational education.

To come to assignments ICT for the coming 3 shifts.

Remark: Appointed was to use only the term ICT.

Sasol gave an introduction about the progress of ICT till now.

About introducing ICT at schools in the Kitui district and the difficulties and obstacles Sasol was faced with.

In 2007 some ideas were developed but were only partly realised.

One major conclusion was that ICT within the Sasol Ex-change program till now has not developed quite well. In other words: The ICT program has been most talk but should be turn from talk to a real program.

A new subject in Sasol's ICT development is the Nairobi bits concept. (Temporary named Kituibits).

Dutch and Kenyan students went to Nairobi bits to do a feasibility study on the possibilities of starting the Nairobi bits concept in Kitui.

Sasol decided to borrow the Nairobi bits concept.

Sasol distinguishes four main activities within ICT:

1. To be a training institute providing ICT to train people for the labour market as an ICT specialist. Here the training has closed end.
2. Providing ICT to TIVET in a wide range. Here ICT is a means and is partly realised.
3. Providing schools with hardware, software and knowledge. This goal is partly realised
4. To supply the ICT needs from Sasol as an organisation. Partly realised.

Ex-change, supported by the representatives of Ecabo and Getronics gave an introduction about the meaning of ICT for the Ex-change program.

On policy level of Edukans, ICT is a very imported issue, so Ex-change wants to emphasize the meaning of ICT within the Sasol Ex-change program.

Ex-change concluded that the ICT program till now is too weak. It must be strengthened.

To come to a sustainable ICT program the following subjects are important

- Improve communication between all the actors. Dutch and local students, Sasol, Ex-change, schools, labour market etc.
- Improve the ICT program assignments.
- Increase the number of Dutch ICT students.
- Improve ICT knowledge for support.

To come to improvement of communication there should be more direct monitoring of students in the field by an “ICT Expert Group”.

To come to improvement of the ICT program and assignments the program should better meet the criteria of the Dutch schools.

The program should also have a sustainable function for Kenya.

After the presentation of Sasol and Ex-change the conclusion was:

- ICT is more and more important in relation to Sasol’s strategy.
- ICT is more and more important for the Ex-change program and Edukans policy.

Critical success factors:

Sasol:

1. ICT infrastructure (hard- and software, facilities).
2. Expertise (management, trainers).
3. Internet connection.
4. Funds.

Ex-change:

1. Communication (expert group)
2. Assignments
3. Relevancy with Edukans policy and demands of schools.
4. Sufficient Dutch students.
5. Capability of fund raising.

Discussions about the critical success factors produced the following conclusions:

- Sufficient ICT infrastructure is a basic necessity to make the ICT program successful.
- Sufficient expertise in ICT management (including maintenance) is also a necessity.

- To be successful the ICT program needs well-trained trainers.
- Internet is an essential part of modern ICT. If there is no internet connection the program will be serious delayed.

Activities:

To change the critical success factors into real success factors the following activities should take place;

ICT infrastructure:

- Already going on:
 - o Building
 - o Energy
 - o Furniture
 - o Cable laying
- Needed equipment before September 2010:
 - o Computers
 - o Software
 - o Peripherals like printers etc

Budget for the wanted equipment is available within the Ex-change program and TIVET Ex-change.

Sasol has made a relevant estimate.

Appointment 1:

On March 23 2010, Sasol and Ex-change will figure out the financial possibilities within the Ex-change program and Learn4Work TIVET Ex-change for the needed equipment.

Expertise:

- Establish an ICT expert group with members of the Dutch and Kenyan partners.
- Training of ICT management of Sasol.
- Training of Sasol's trainers.
- Curriculum development.

Decision:

Sasol and Ex-change decided to establish the ICT Expert Group immediately.

Members on the Dutch side:

- Ron Creutzburg (representative of Ecabo knowledge centre), chairman
- Michiel Weber (representative of the labour market, Getronics)
- Karel Feuler (representative of secondary vocational education, ROC)
- (Representative of higher vocational education)
- Arie van Duin (representative of the labour market, Cisco)

The ICT Expert Group makes the assignments for the ICT program.

Training of Sasol's ICT management.

The ICT management of Sasol exist for the moment of two persons namely:

- Mutinda Munguti
- Annah Mutuku

Students cannot do training of the ICT management. It has to be done by professional ICT trainers.

A possibility is that Dutch teachers or company professionals or other members of the ICT Expert Group will train them.

Appointment 2:

On March 23, members of the ICT Expert Group will specify a curriculum for training Sasol's ICT management.

The training should be finished before June 1st 2010.

Training of trainers. (TOT)

Students can train trainers. Start with the student teams February 1st 2011.

Appointment 3:

The ICT Expert Group formulates the curriculum before June 1st 2010.

Curriculum development:

Students can formulate curricula.

Appointment 4:

The ICT Expert Group formulates the qualifications.

Appointment 5:

The ICT Expert Group writes the assignment for students to formulate the curricula before December 15th 2010.

Assignments:

Assignments will be made for the ICT teams of September 1st 2010.

Assignments for:

- Installing and implementation of the infrastructure
- ICT development

Appointment 6:

The assignments mentioned above will be made by the ICT Expert Group on March 23 2010.

Assignments to be made for student teams coming in at February and May 2011 (and later) the time frame as described in the procedures should be followed.

Financial implications:

The financial implications, besides the already mentioned finances for the infrastructure are to be calculated regarding the budgets of 2010 and 2011.

The Edukans budget lines can be applied.

Appointment 7:

Sasol makes an indicative budget before June 1st 2010.