

EUROAFRICA-ICT FP7 AWARENESS WORKSHOP

2 & 3 March 2009 Hotel Serena
Kigali, Rwanda



Contribution of this paper

This paper contributes on the discussion on information and communication technology (ICT) for educational purposes. This research was done on the use of performing the quality of learning in Universities located in East of Congo.



Importance of Computer in our education

Using a computer is often an extra task: we either go to the computer room with our students or ask them to go on to certain websites from cyber.

However, classrooms equipped with a multimedia PC and a beamer gives us the chance of integrating ICT meaningfully into our everyday classroom practice.

The computer must thus become an integrated tool in our daily teaching.



When ICT becomes part of our daily teaching

we soon notice some advantages:

- We save money and time by using the beamer,
- we do away with many photocopies and save the time we used to spend handing them out;

When ICT becomes part of our daily teaching

- Classes become more varied and dynamic: we do not necessarily have to put away any of our traditional teaching resources. Rather, we provide more variety by adding new material (pictures, video, sound, and websites) to our repertory;

When ICT becomes part of our daily teaching

- We have a wide range of materials: we can easily use any material obtained from the web or from other sources (scans, students' pictures);

When ICT becomes part of our daily teaching

- Materials can be updated or changed easily;
- Using technology in the classroom is no longer an extra trip to the computer room, technology becomes part of everyday practice.

Our Observation

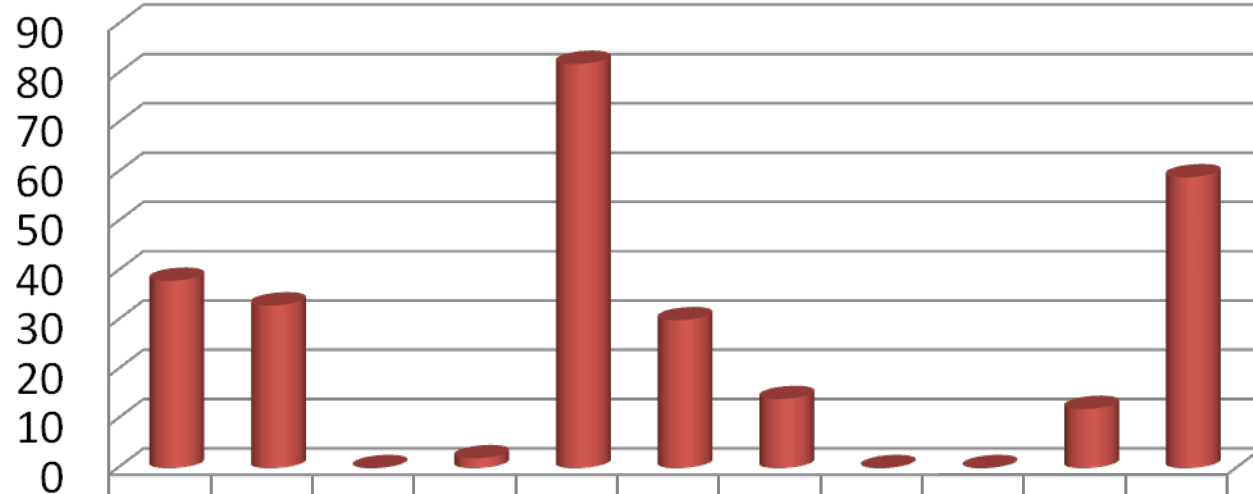
Many universities in East of Congo don't have computers, access to internet, a sound system and a beamer recently. These tools allow both teacher and student to integrate ICT into daily classroom activities, which provide choice, dynamism and effectiveness to both teaching and learning.

Here below are some statics results of my research in Bukavu/DRC

N°	Names of Universities	Number of Computer	Number of computer connected to Internet	Learning center for students
1.	Université catholique de Bukavu	38	6	16
2.	Institut Supérieur de Développement Rural	33	0	9
3.	Centre universitaire de Paix	0	0	0
4.	Université Simon Kimbangu	2	0	0
5.	Institut Supérieur Pédagogique	82	0	24
6.	Université Evangélique en Afrique	30	6	12
7.	Institut Supérieur de Techniques Médicales	14	0	0
8.	Institut Supérieur d'Etude Commercial et Financière/Bukavu	0	0	0
9.	Univesité Ouverte/ CIDEP Bukavu	0	0	0
10.	Université du CEPROMAD-UNIC/Bukavu	12	0	0
11.	Université Officelle de Bukavu	59	-	14
1.	Université catholique de Bukavu	38	6	16

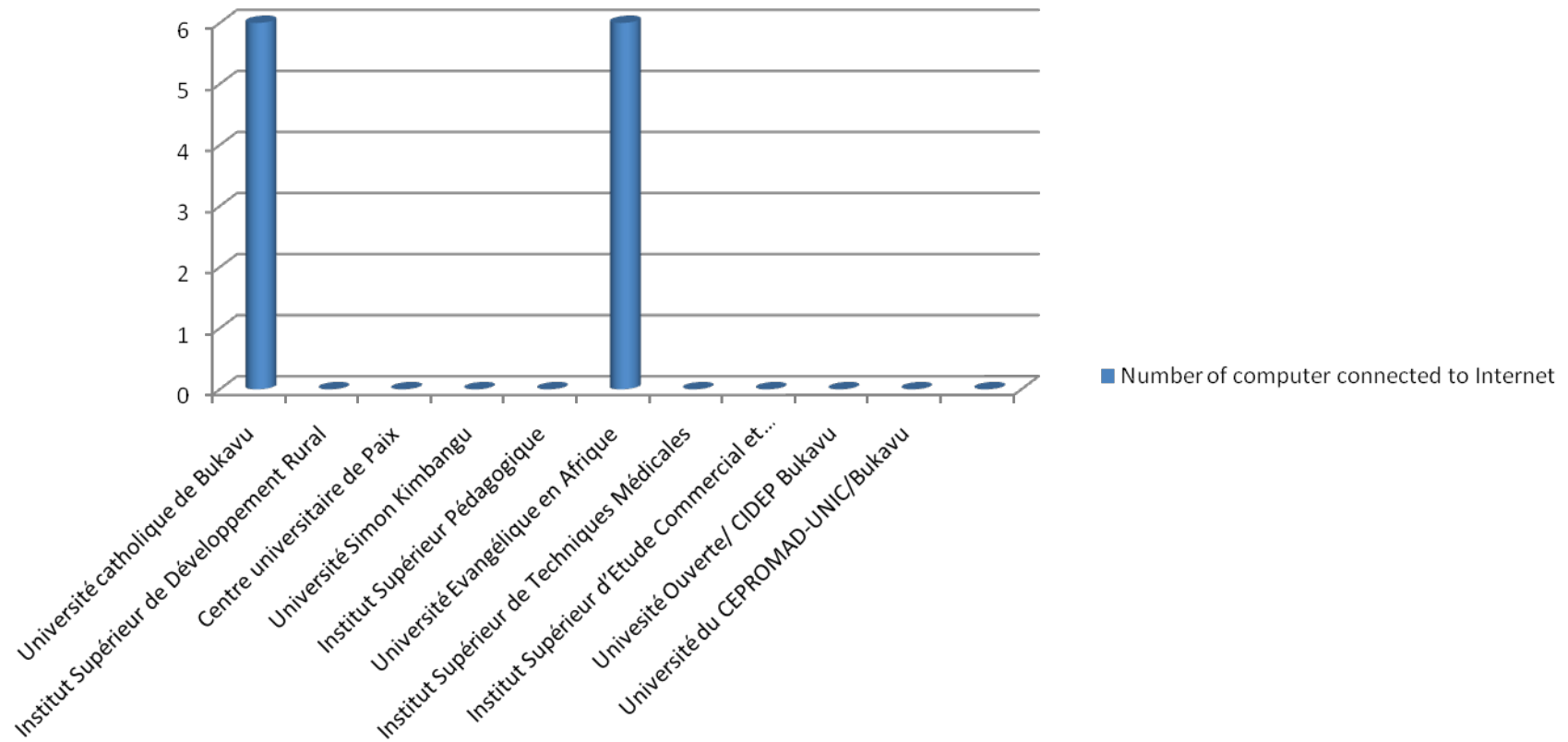
Number of Computer

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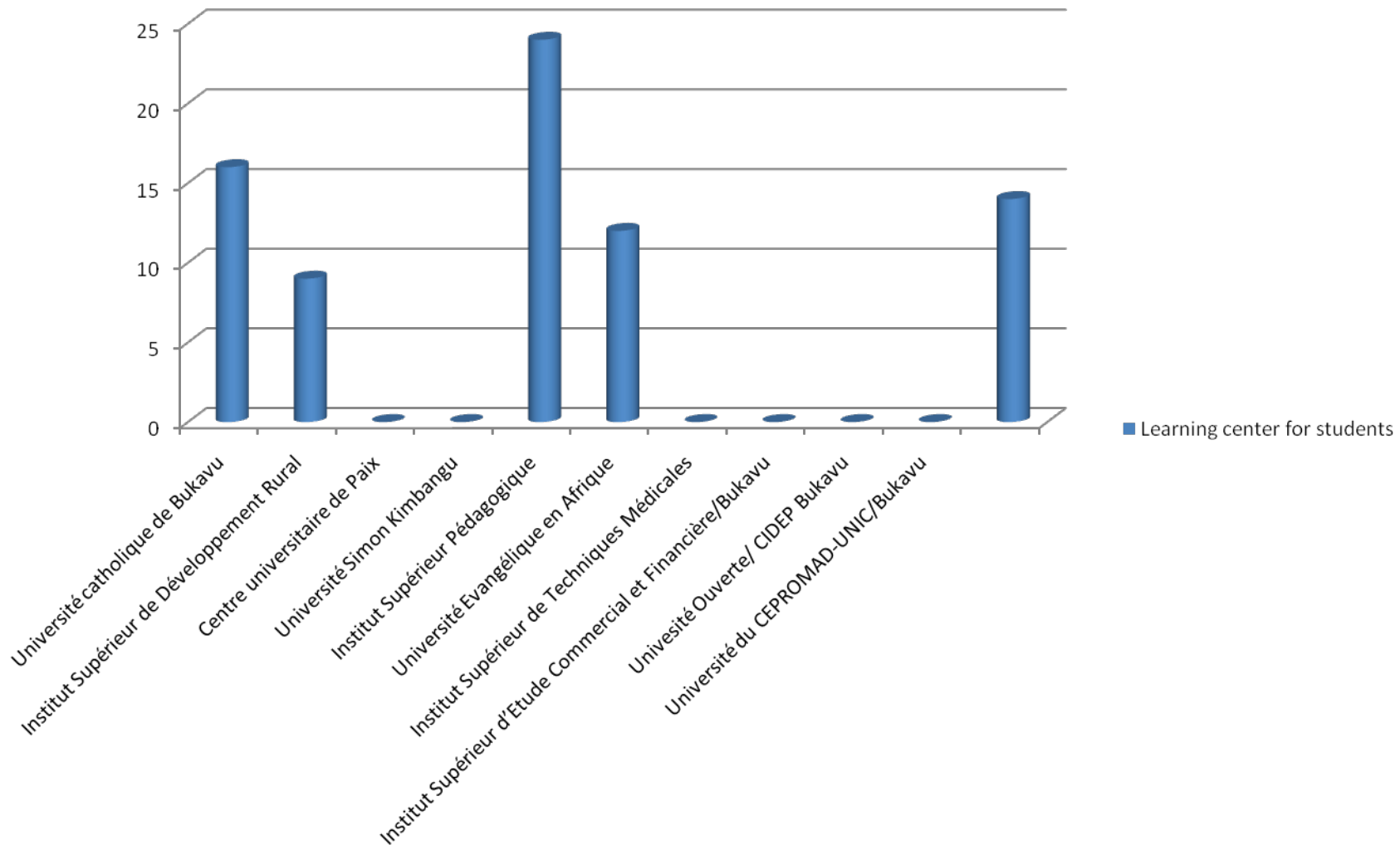


■ Number of Computer	38	33	0	2	82	30	14	0	0	12	59
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Number of computer connected to Internet



Learning center for students



In short

- In short, we have visited Eleven universities in that town. Total of Computers for eleven universities: 211. While at Makerere University, I saw more than 1000 computers for ICT department.
- Eight universities have computers' park and only three which are connected to internet.
- Three universities don't have computers.
- Any of them has a VSAT.

VSAT in Town

N°	Name of Compagnies	
1.	DATCO	Private
2.	Radio Maendeleo	Private (media)
3.	Global Tech	Private
4.	Gowa CLPA	Church
5.	College Saint Paul	School
6.	Comité Anti Bwaki	NGO
7.	IRC	NGO
8.	MTN	Rwanda
9.	UN Offices	UN

In short

In this board, we doesn't have any university which has a VSAT. While private compaignies have it. It means that there any support in the field of education.

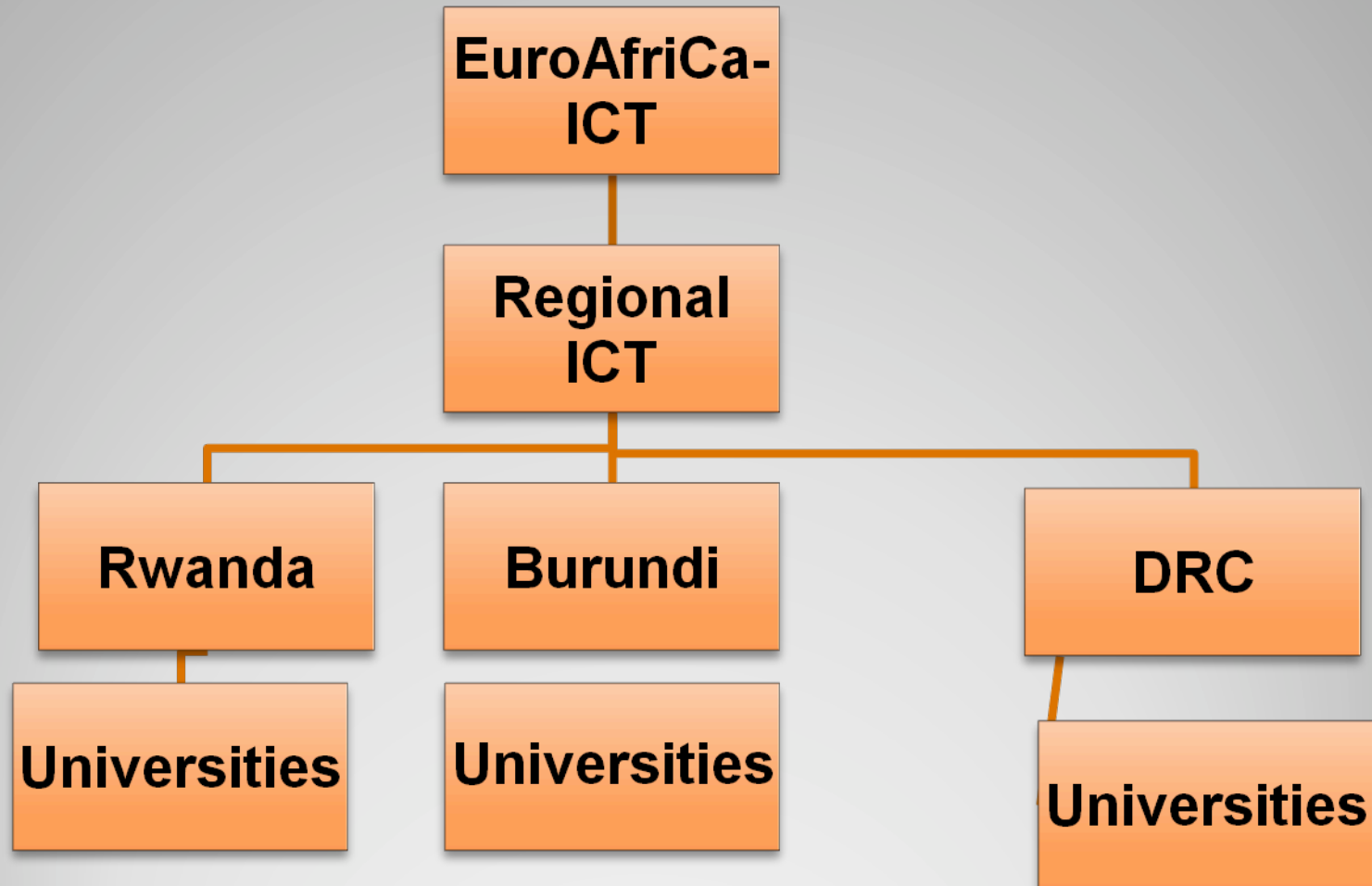
challenges

- Most of universities are not connected to internet. Comparing to the number of student in every university, we can conclude that many student are finding they are studies without knowing how to use computer in this 21st cycle.
- There are some main raisons which explain this situation: war, poverty, lack of electricity and lack support from great organization.

Proposition

- Create a consortium of universities and create one labo for all students who are studying ICT.
- Formulation and development of a sub-regional ICT policy in education

Propositions



propositions

- I can propose a virtual learning environment (VLE) based on Internet technology during a practical course for economic students at those universities.
- The VLE can be used for many different purposes such as to support team learning, to inform students about course-specific issues, to support communication between students, to publish students' results, and to evaluate the assignments. It is argued that the use of the VLE for educational purposes is dynamic as it might influence learning and teaching in various different ways.



Propositions

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Thank you

By Pascal NEPA,
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