
Universities in Zimbabwe -
(Education and Tertiary Network
of Zimbabwe) ETNZ

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Outline

- n Aim
- n Membership
- n Services
- n What is next

Aim

- n The aim of the network is to foster cooperation and sharing of ideas & resources in the delivery of all services at the member academic institutions through the use of ICTs.
- n **A National Research & Education Network (NREN)** is a specialized Internet Service Provider dedicated to supporting the needs of the research and education communities within a country. (www.en.wikipedia.org)

Membership

- n University of Zimbabwe (UZ)
- n Africa University (AU)
- n Chinhoyi University of Technology (CUT)
- n Midlands State University (MSU)
- n National University of Science and Technology (NUST)
- n Great Zimbabwe University (GZU)
- n Catholic University (CU)
- n Bindura University of Science Education (BUSE)
- n Harare Institute of Technology (HIT)
- n Zimbabwe Open University (ZOU)
- n Women University in Africa (WUA)
- n Lupane University

Services

Sharing of E-resources

- n Digital Library
- n Institutional Repositories
- n Introduction to Use of Computers
- n Joint Development of Software Systems (e.g., University Management Information System)
- n User groups for the exchange of technical ideas
- n Information Bulletin Boards
- n Multimedia and VOIP for communication

Digital Library

- n All universities use a proprietary system: Innopac from Innovative Interfaces.
 - n Easy to interact
 - n Easy to exchange limited human resources

E-learning and E-resources

- n Viewed at three levels
 - n Local products
 - n Homegrown material
 - n Available on the Intranet
 - n Locally available products
 - n International material
 - n Available on the Intranet
 - n External products
 - n International material
 - n Available on the Internet

Institutional Repository

- n The following are related to the Library Institutional Repository
 - n Local publications
 - n Reference to external publications
 - n Past examination papers
- n Social Networking
 - n Bloggs
 - n Wikis
- n Under development
 - n Policy briefs
 - n Process Flows
 - n Minutes and Management
 - n Meta Search and Meta Insertion

Multimedia Project Management e-Toolbox

The screenshot shows a Microsoft Internet Explorer browser window displaying the Multimedia eToolbox web application. The browser's address bar shows the URL `http://localhost/mmetoolbox/`. The application's header features the logo "mpme TOOLBOX" on the left and the text "Multimedia Project Management e-Toolbox" on the right, with a "[Logout]" link. Below the header is a decorative blue bar with a repeating pattern of "MPME" and navigation arrows. The main content area is split into two sections: on the left, a large image of a CD-ROM in its jewel case; on the right, a login form with the label "Login:" and fields for "User Name:" and "Password:", followed by an "OK" button. Below the form is a link: "New User? Please click here to Register". The footer of the application contains the text "University Of Zimbabwe - ToolBox Manager : R Tsongorera", "Copyright :2005", and another "[Logout]" link. The Windows taskbar at the bottom shows the Start button, several open applications including "Microsoft PowerPoint ..." and "Multimedia eToolbox -...", and the system tray with the date "EN", a calendar icon, and the time "13:03".

VOIP – in Universities

- n Where

- n Within the University of Zimbabwe

- n Between the various universities

- n Client

- n Asterisk

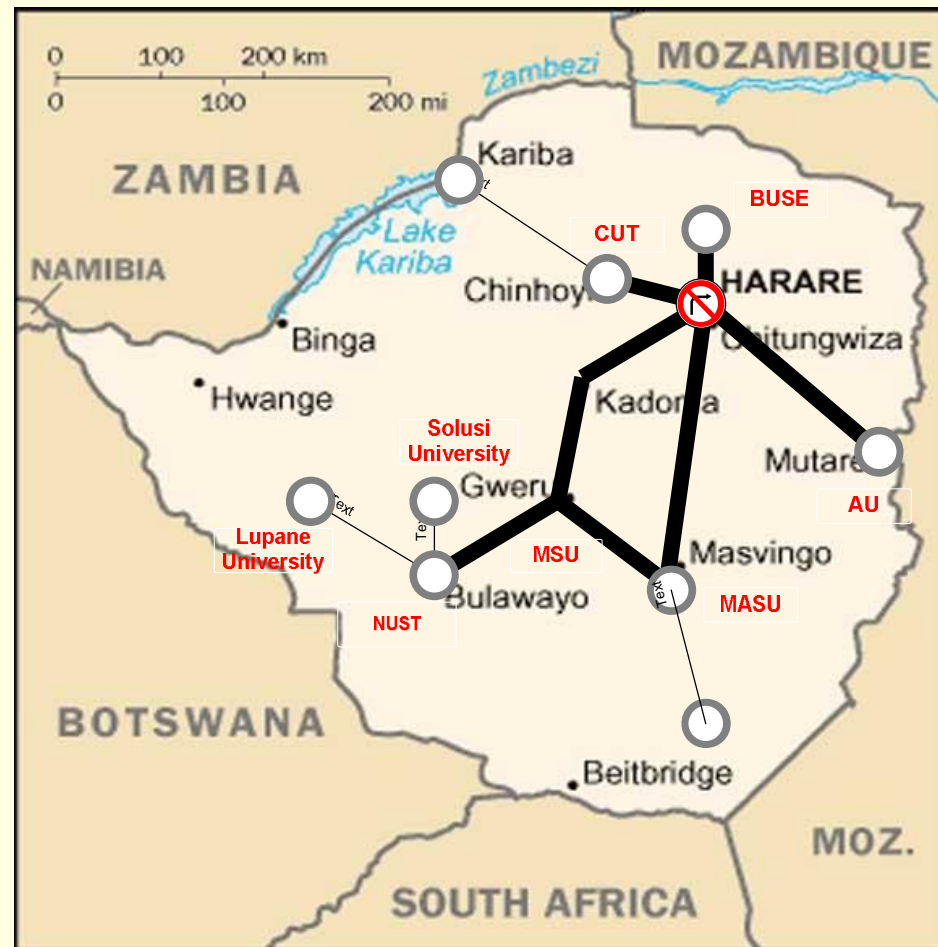
Other Outcomes of joint work

- n Joint decisions on acquisition of software
- n BMO solutions for the limited bandwidth

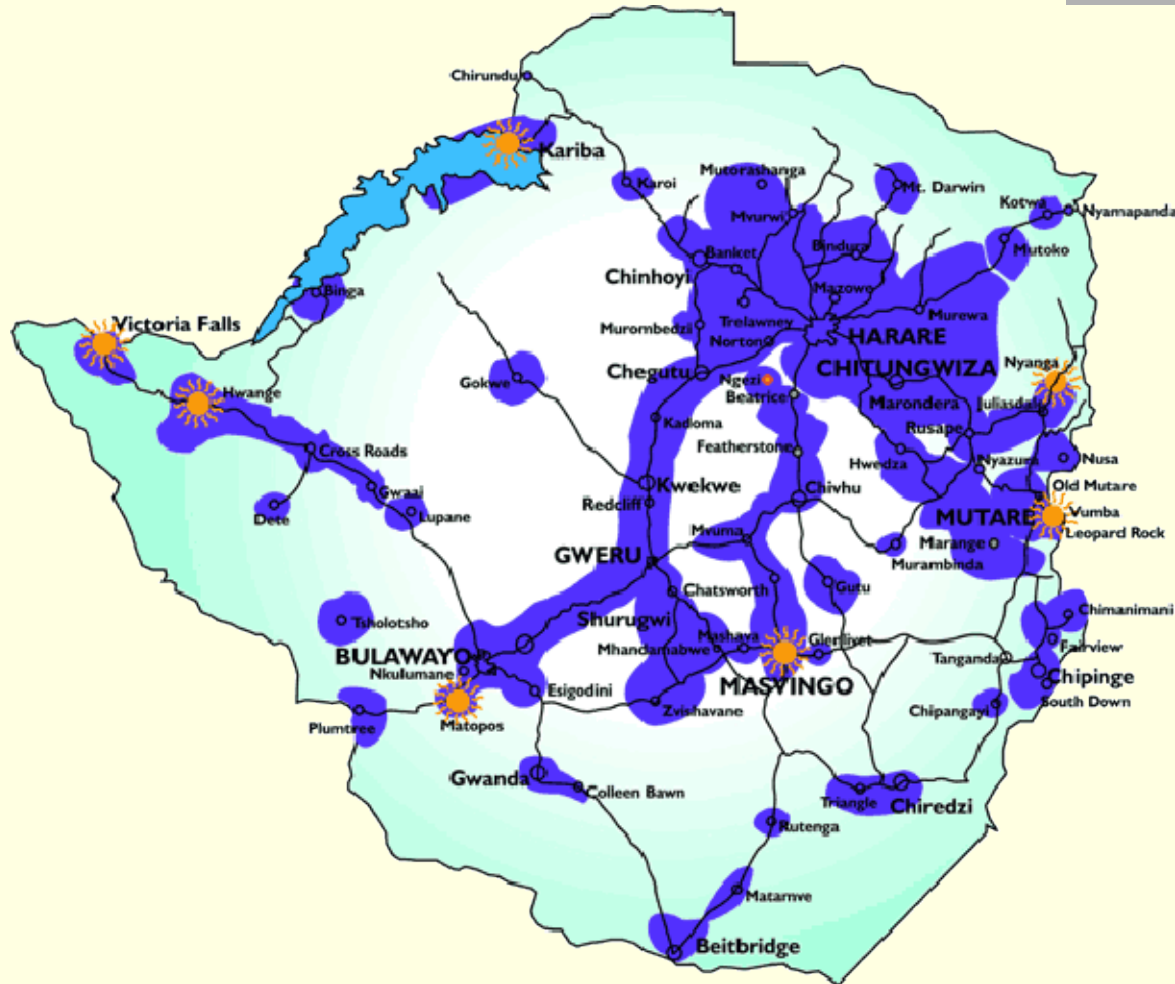
Challenges

- n Connectivity of Universities
 - n Hence the proposal for a “connected NREN”
- n Human resources retention

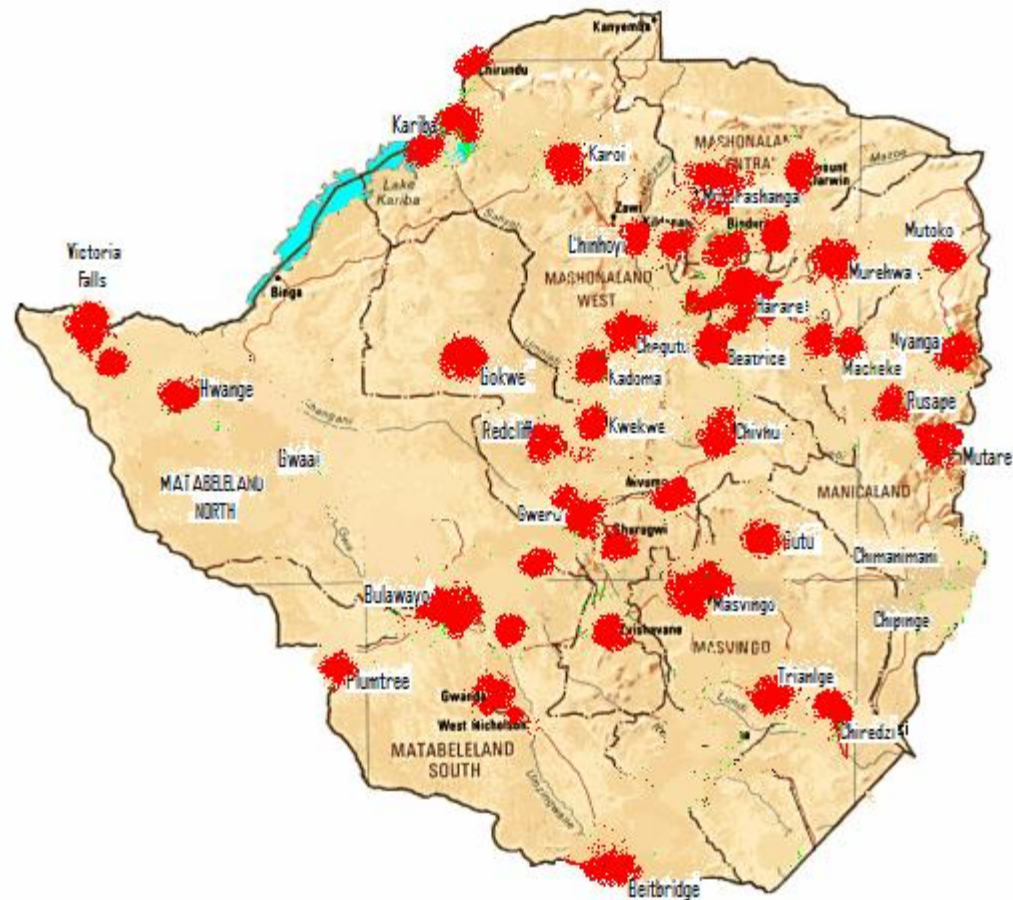
Location of Universities in Zimbabwe



Netone coverage(source www.netone.co.zw)



Econet Coverage (Source www.econet.co.zw)



Connectivity between the cities

City1	City2		
		Nature of connectivity	Provider
Harare	Mutare	Fibre	Powertel
		Fiber	Africom
Harare	Bindura	Copper	TelOne
Harare	Chinhoyi	Copper	TelOne
Harare	Gweru	Fiber	Powertel
		Fiber	NRZ
Harare	Masvingo	Copper	TeOne
Gweru	Bulawayo	Fiber	Powertel
Gweru	Masvingo	Copper(?)	TelOne
Bulawayo	Lupane	Copper	TelOne
Bulawayo	Solusi	Copper	TelOne

Next Steps

n Institutional Steps

- n Complete the Current Policies
- n Continue with efforts of computerization
- n Lobby the local executive for continued support

n Collective Steps

- n Continue with the current levels of collaboration
- n Continue with the development of services and products

n Overall Steps

- n Engage providers of services
- n Acquire funding for the project

n Thank you

n Tatenda

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