

SCHOOL ON RADIO USE FOR DIGITAL AND MULTIMEDIA  
COMMUNICATIONS.  
ICTP, TRIESTE, ITALY.  
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# THE SOCIO-ECONOMIC IMPACT OF INFORMATION TECHNOLOGY ON OBAFEMI AWOLOWO UNIVERSITY CAMPUS



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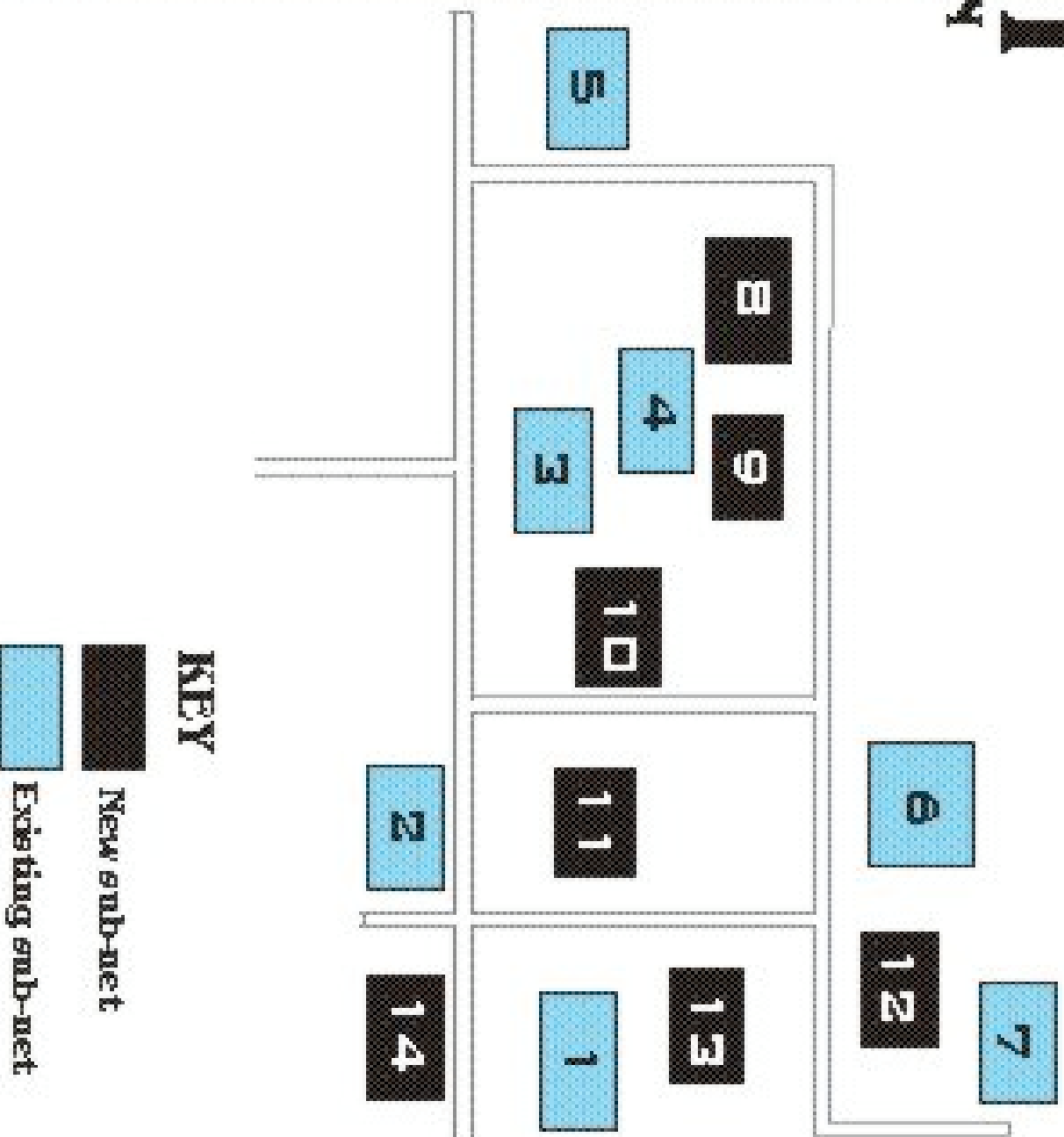
# BRIEF HISTORY

- Before 1996, no digital connection at Obafemi Awolowo University, Ile-Ife, (OAUIFE), Nigeria.
- The intervention of the International Centre for Theoretical Physics (ICTP), Trieste, Italy in 1996 brought about the ICTP/OAUIFE Computer network, by dial-up, with 3 subnets.
- In 1999, OAUIFE acquired a VSAT symmetric connection with a 19.2 kbps with 8 subnets.
- In the year 2001, the bandwidth was increased to 64kbps uplink and 128kbps downlink, asymmetric connection.
- 2002, 7 new subnets to be added with 128kbps uplink, 512kbps

# ORIONNET

## EXPANSION

- 1 - CS
- 2 - Health Sciences
- 3 - Secretariat
- 4 - Library
- 5 - Sciences
- 6 - Agric
- 7 - Technology
- 8 - Soc. Sciences/  
Law/  
Administration
- 9 - Education
- 10 - Humanities
- 11 - PG College /  
Biol. Sciences
- 12 - DSA /  
Utilities blocks
- 13 - Gender Studies /  
Chem E engineering
- 14 - Pharmacy



A simplified map of the central campus area, showing the new subnets

# THE SOCIO-ECONOMIC IMPACT

- EDUCATION
- HEALTH
- JOB CREATION
- E-GOVERNANCE
- COMMUNICATIONS
- CAPACITY BUILDING
- E-COMMERCE
- CLOSING THE DIGITAL DIVIDE
- E-LIBRARY
- AGRICULTURE

# EDUCATION

- Better quality of education.
- Students are more informed.
- Virtual learning

# HEALTH

- Information on health related matters such as recently published medical journals.
- The Village Chemist.

# JOB CREATION

- Establishment of Cybercafes
- Good business atmosphere

## E-GOVERNANCE

- Easy governance of the institution.
  - dissemination of information about senate meetings, council meetings and general university administration.
- Transparency.

# COMMUNICATIONS

7. Use of E-mail
8. Internet Telephony

at very cheap cost.

# CAPACITY BUILDING

8. Staff Training.
9. Computer Assembling and Maintenance Team.
10. Information and Networking Workshops.
11. Consultancy

# E-COMMERCE

- Advertisement are made on the network.
- Buying and Selling.

## CLOSING THE DIGITAL DIVIDE

- More people get access to the internet.
- Opportunity to contribute to global issues.
- Access to new ideas and technologies.



## **E-LIBRARY**

- **Remote access to the library.**
- **The faculty of Agriculture e-library**

## **AGRICULTURE**

- **Improvement in crop and animal Production.**
- **Harvested crops and livestock are advertised on the intranet and sold to members of the university community at very affordable prices.**

## CONCLUSION

- The benefits of Information Technology (IT) can not be easily exhausted.
- Obafemi Awolowo University, Ile-Ife, Nigeria is a force to be reckoned with in the field of IT in Nigeria.
- As a result of this, the government appointed the Pioneer Director of the Information Technology and Communications Unit in OAU/IFE, Prof. G.O. Ajayi, as the Director of the newly established National Information Technology Development Agency in Nigeria.