

**TOWARDS A MODEL FOR
E-LEARNING IN NIGERIAN
HIGHER EDUCATION INSTITUTIONS**

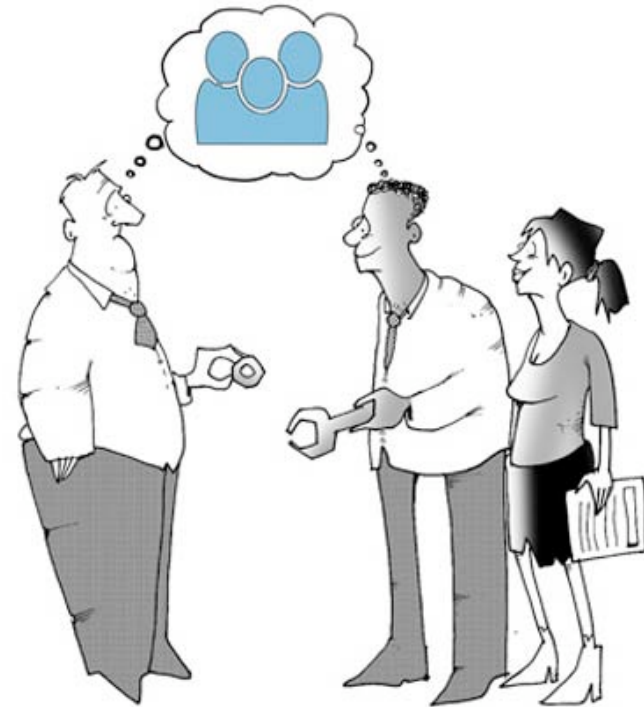
Lessons from the University of
Jos ICT Mathematics Initiative

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Purpose of the Study

communities of practice – an environment connecting people and encouraging the sharing of ideas and experiences



Outline of the Study

- Lessons from the Literature
- Lessons from UniJos experience
- Models for implementing eLearning
- Future Directions



Lessons from the Literature

E-learning should always be driven by pedagogical considerations and not by the demands of the technologies themselves.



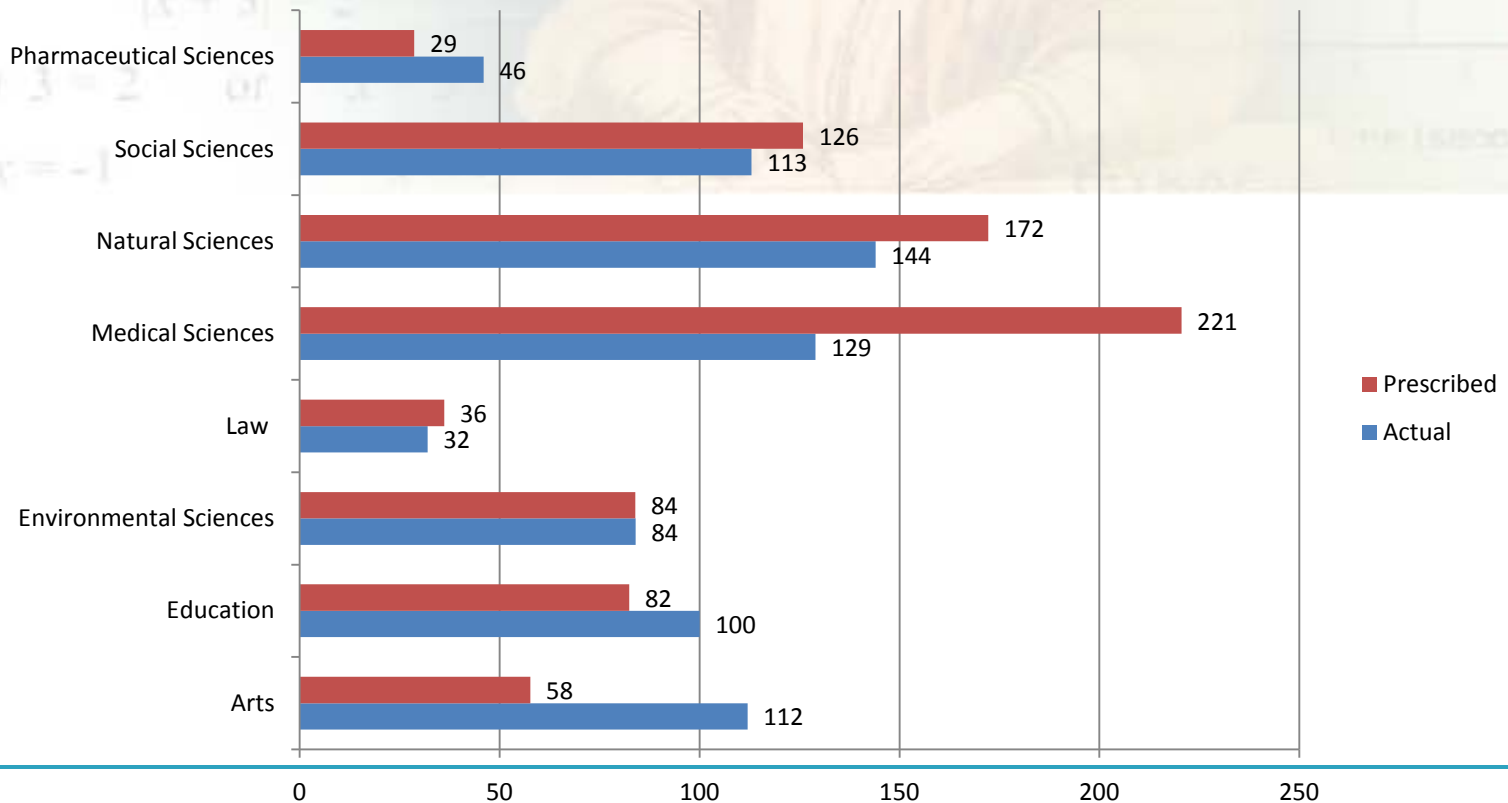
Motivation for initiative



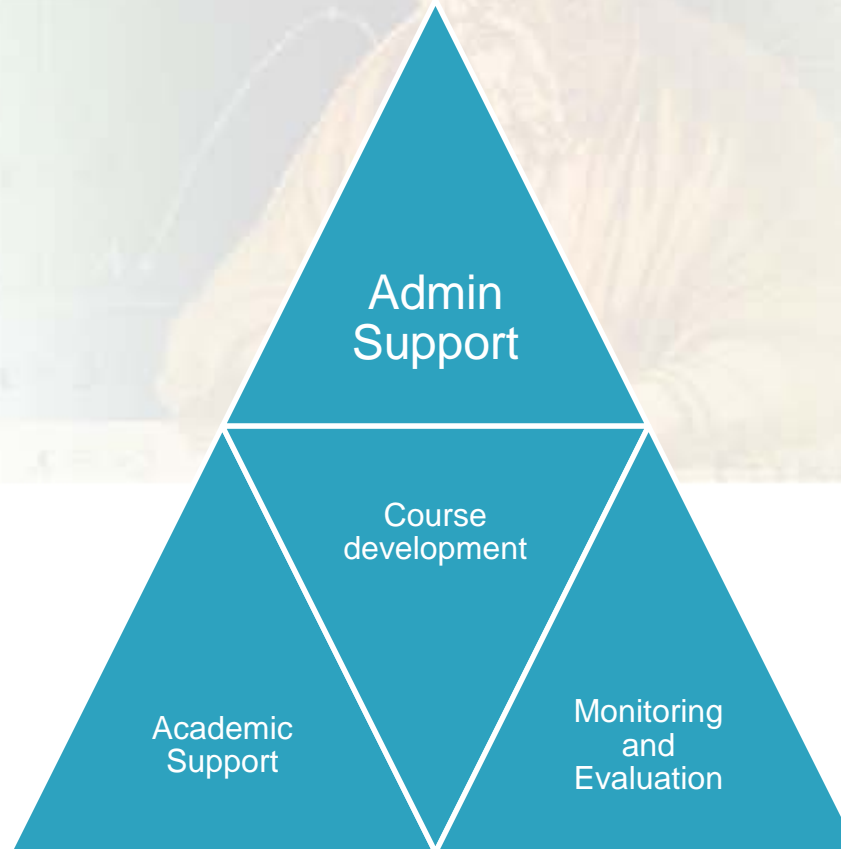
- Large class size
- Inadequate staff strength
- Poor quality materials
- Inadequate facilities
- Poor student performance



Inadequate staff not only in mathematics but in 5 faculties



Lessons from Unijos Experience



Lessons from UniJos Experience

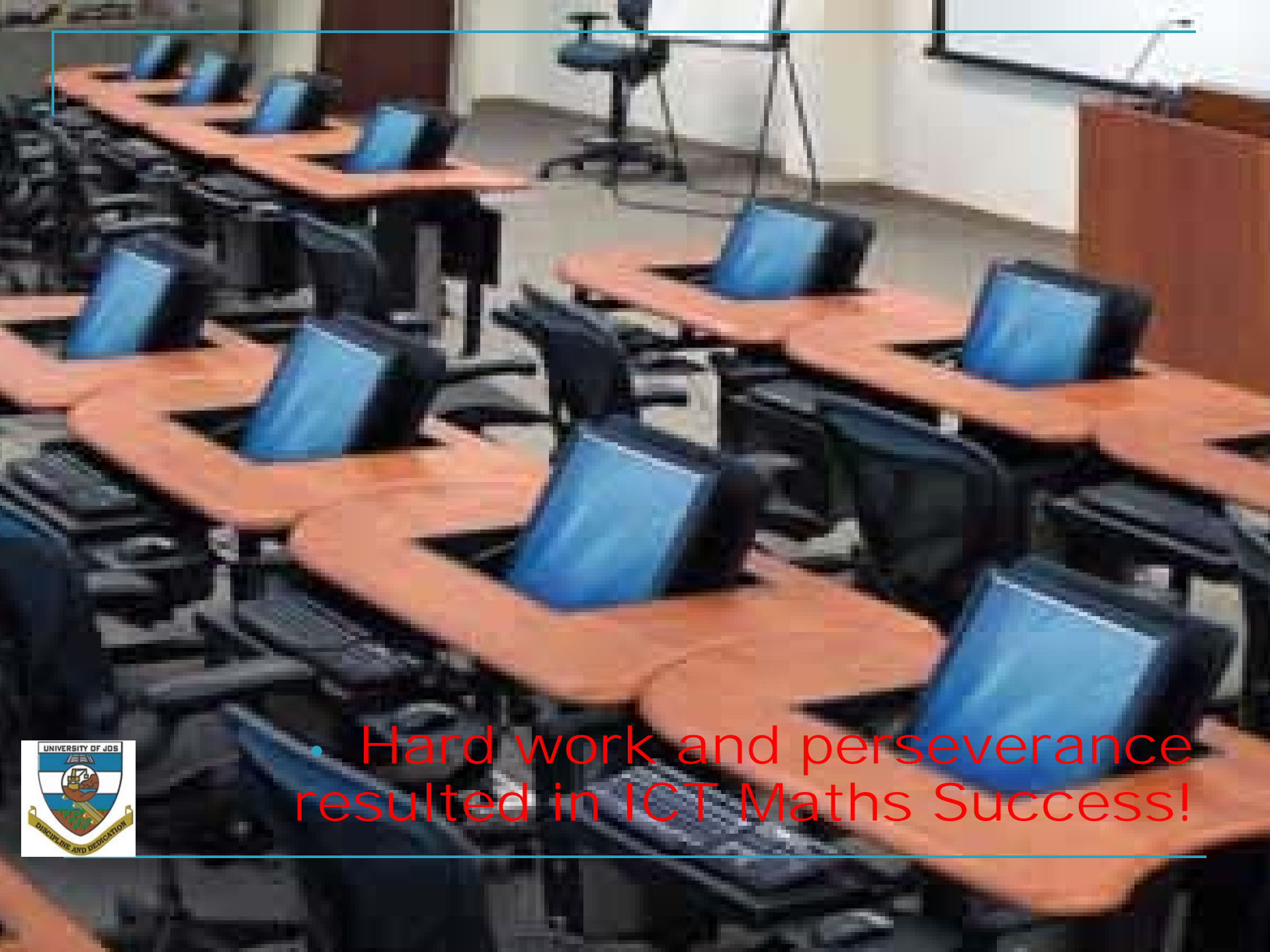
Phase I -- Static

- Training Abroad
- CMS training at UniJos
- Lecture notes uploaded
- Students printed hardcopies

Phase II -- Interactive

- Integrated UP & Camtasia
- Interactive assessment
- Online training/Community of Practice (Listserv)



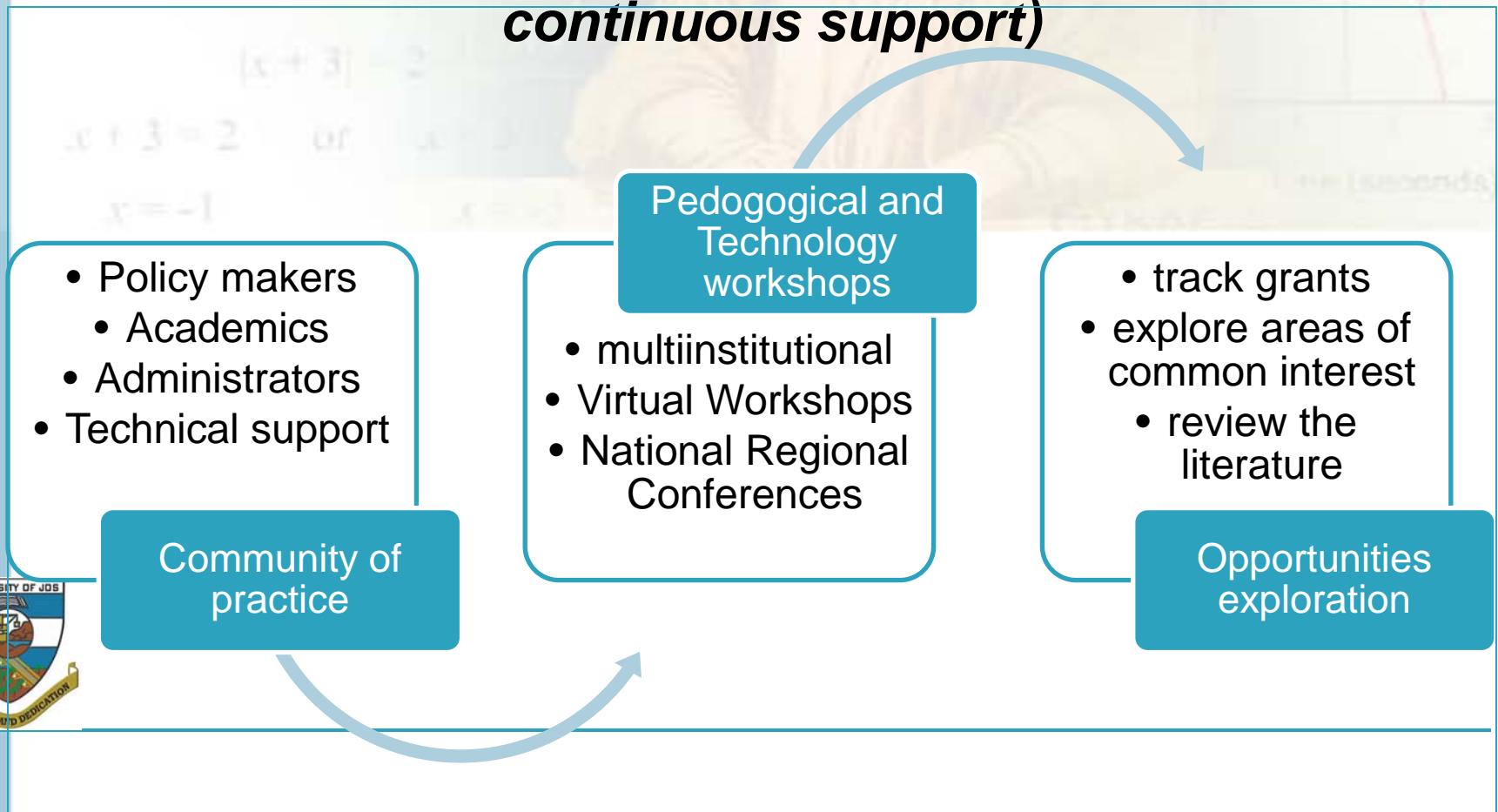


• Hard work and perseverance resulted in ICT Maths Success!

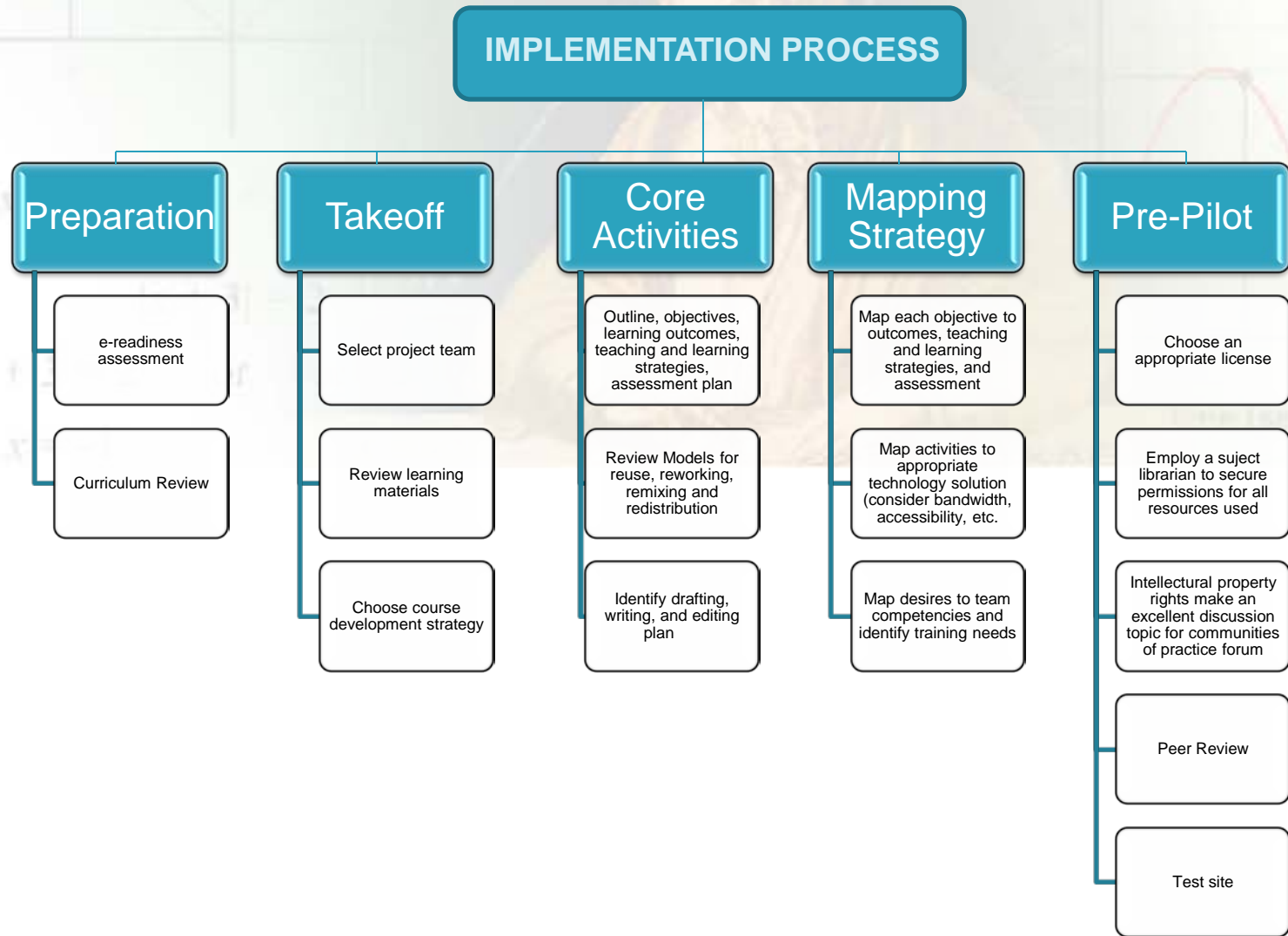


Model for implementing e-Learning

A model for pre-project activities (facilitates continuous support)



Model of implementation process for e-Learning



Future direction

- With additional funding from STEPB, phase three aims to achieve the following
 - Building a community of practice among Nigeria HEI policy makers, administrators, and academics to encourage shared human and material resources;
 - Exposing Nigerian HEIs to what's possible with educational technologies and explore areas of collaboration and partnerships;
 - Supporting capacity building in the use of technology for teaching and learning through training;
 - Redesigning existing courses based on course evaluations and peer reviews;



Future direction continued

- Adhering to international property and copyright laws by securing the appropriate permission for materials acquisition and development;
- Exploring new ways of instruction and learning through participation in learning communities;
- Comparing the performance of students trained using the new methods with others trained in the traditional way;
- Increasing the use of technology for teaching and learning to a system-wide teaching and learning initiative as envisaged in the university ICT strategic plan



Conclusion

- Thank you
- Questions and Comments.

