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E-Learning Implementation Strategy for ICT-Challenged Environment

Isaiah T. Awidi

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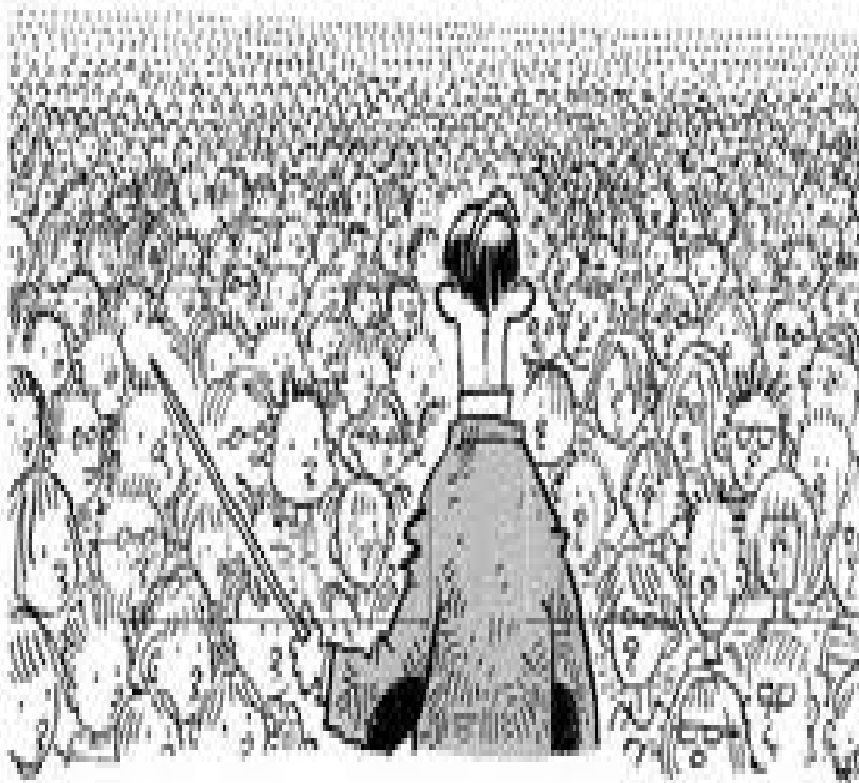
**School of Education Colloquium
Presentation by
Isaiah T. Awidi**

Main aim of the study



- When, Where and How
 - Workable e-learning implementation strategy

Background/Significance of research

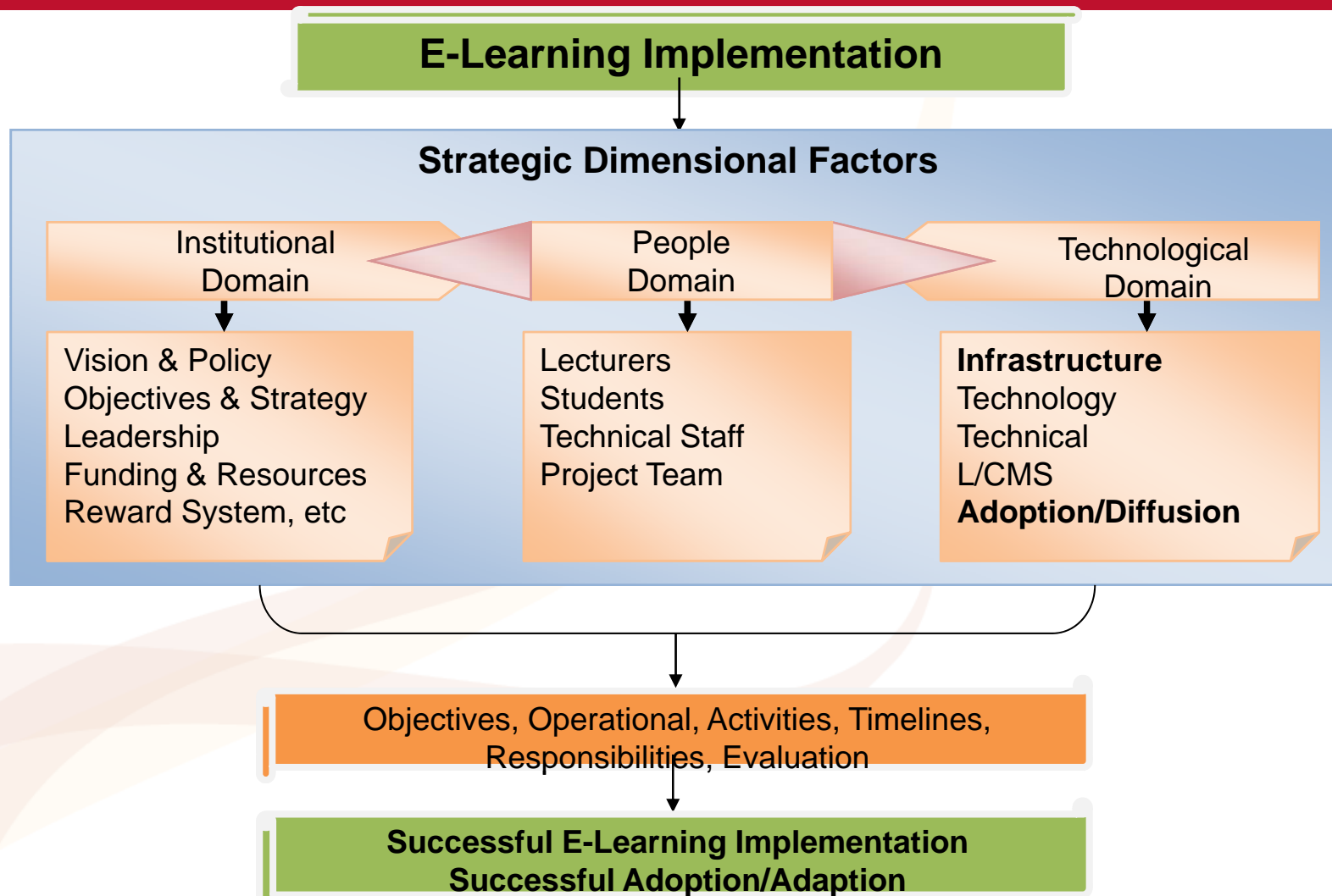


Background



Context

Literature and Conceptual Framework



Research Design

Literature

Theoretical Concepts and Institutional Experiences

Research Instrument

Interviews

Survey

Documentation

Observation

Research Questions

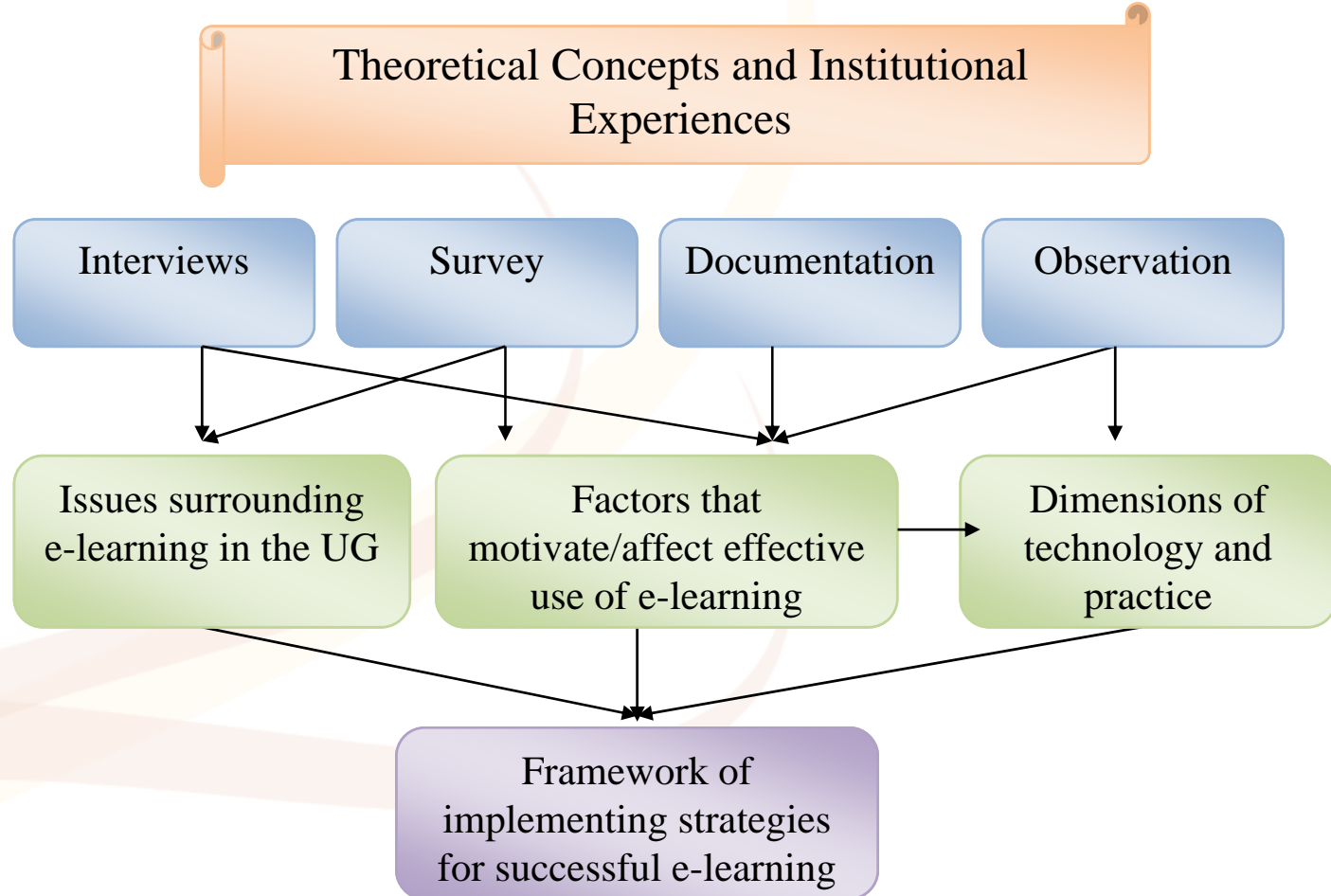
Issues surrounding e-learning in the UG

Factors that motivate/affect effective use of e-learning

Dimensions of technology and practice

Proposed Framework

Framework of implementing strategies for successful e-learning



Research Methodology

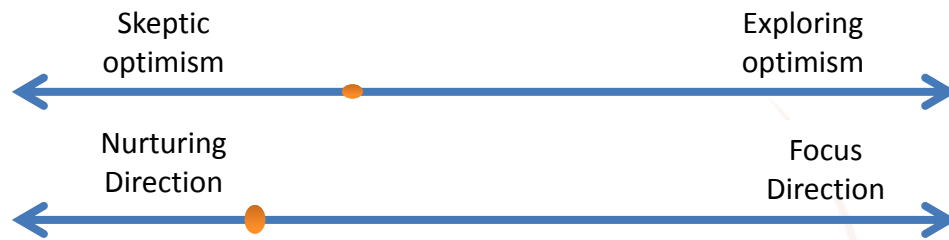
Participants	Sample	Instrument	Period - 2010
Students		Mixed Mode	March/August
- Science & Engineering	12	2 Focus Groups	
- Humanities	12	2 Focus Groups	
- Survey	236	Questionnaire	
Lecturers	26	Questionnaire	March/August
HODs & Lecturers	18	Interviews	March/September
Deans of Faculty	6	Interviews	May/September
Management			
- Central Administration	2	Interviews	May/September
- ICT Managers/Unit Heads	5		
- ICT Consultant/Managers	3		
Technical Staff	12	Interviews	May/August
Stakeholders	4	Interviews	June/September

Main Findings – Issues & Motivational Factors

Knowledge and Acceptance	Approach from adoption to adaption	Participation and Diffusion	Motivations for Success
<ol style="list-style-type: none"> 1. Good Rationale for e-learning. 2. Inadequate users and institutional understanding of e-learning 	<ol style="list-style-type: none"> 1. Lack of institutional policy and plan. 2. Poor ICT skill and competencies 3. Poor institutional channels of communication 	<ol style="list-style-type: none"> 1. Lack of clear institutional principle & priority 2. Poor engagement initiative efforts 3. Lack of User confidence in institutional support 	<p>Expectations of Management; Competent support staff; Adequate resources; improved communication and social systems</p>
<p>Poor - perception of ICT infrastructure; Access to resources</p>	<p>Poor – access to computers; connectivity, speed; bandwidth & reliability</p>	<p>Poor skill and competencies; Reliability and Scalability of infrastructure</p>	<p>Relative advantage and reward system; Training & pedagogical concerns</p>
<p>Good awareness of government provisions & collaboration</p>	<p>Institutional capacity; initiative, support & actual use of ICT resources</p>	<p>User and institutional readiness to adapt & change</p>	<p>Conditions and Capabilities</p>

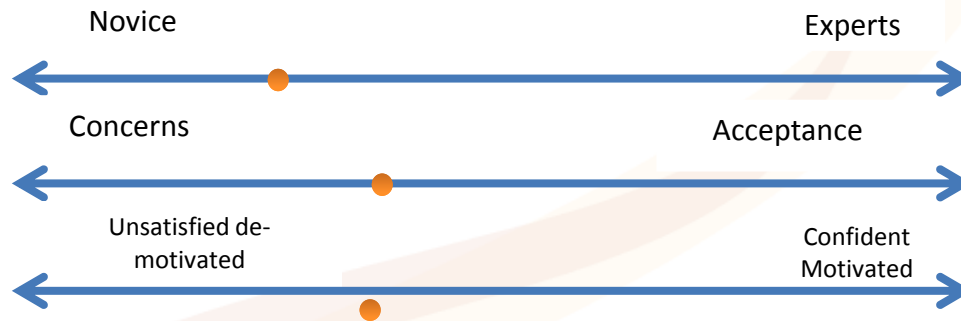
Discussion of Findings – Identified Dimensional (D) Factors

- Institution & Management D-factors**



- Optimism
- Leadership, Policy & Strategy

- People Domain D-factors**



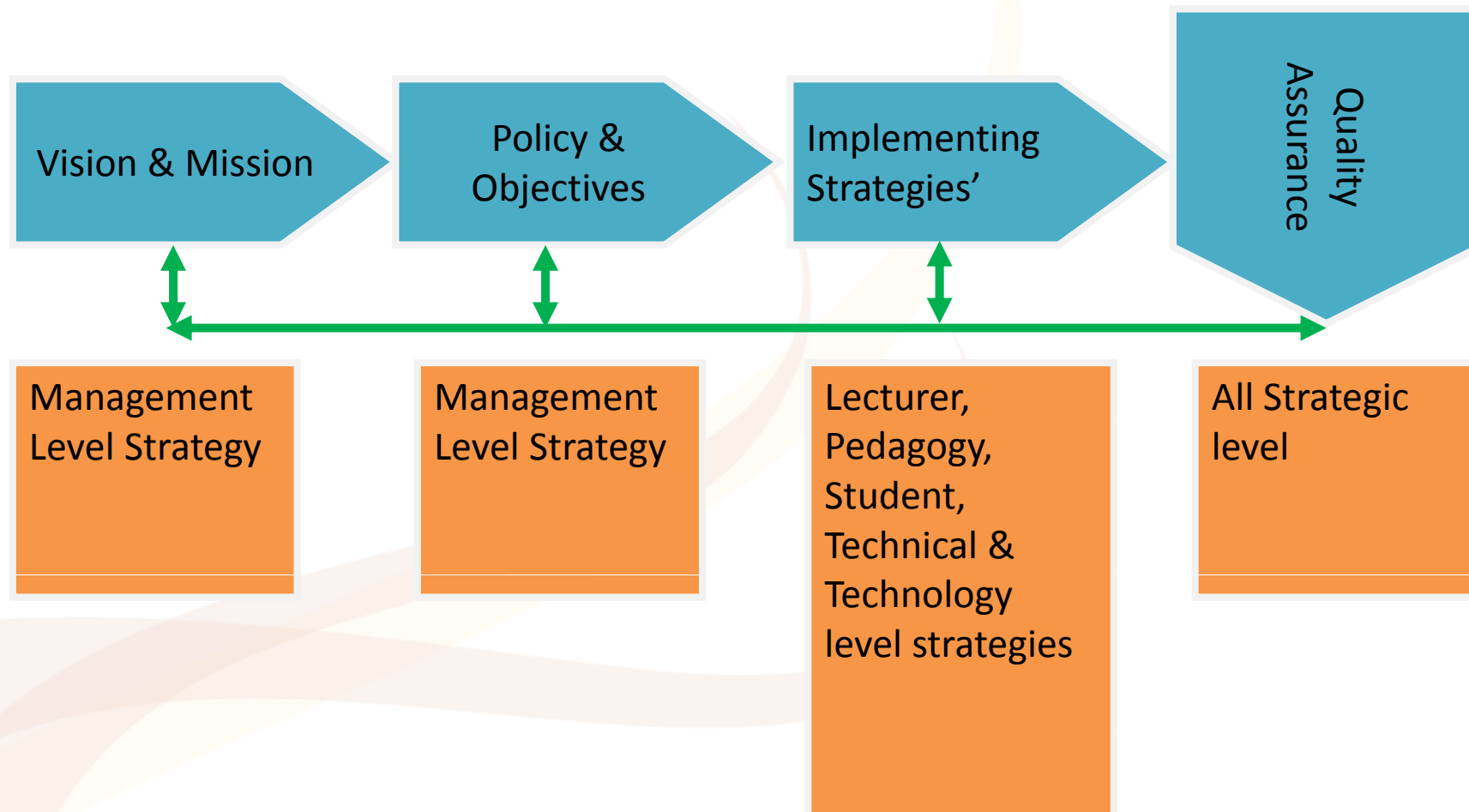
- Skill and Competencies
- Readiness and Acceptance
- Institutional Capacity

- Technological Domain D-factors**



- Physical and Technical Infrastructure Readiness
- Management and policy for e-learning

Proposed E-learning Implementation Strategy



Conclusions and Recommendation



Acknowledgement/Question

Thanks!