CoE e-readiness for Online e – Learning

The table below illustrates CoEs current **capacities** i.e. materials & hardware; software, licenses, fees and data; HR, staff and tech support which ultimately affect their **readiness** for online e-learning – Low, Medium or High. The last two columns on the right indicate the CoEs' ultimate readiness for online e-learning – yes, no or partly.

CoE	Region	Country	Capacity			Readiness	
			Material & Equipment, Hardware: Low, Medium, High	Software, licenses, fees, data: Low, Medium, High	HR Costs, Staff, Tech Support: Low, Low; Medium, High	Ready for online e-learning Yes/No/Partly	Ready for blended learning: Yes/No/Partly
National Water Resources Institute	WANWATCE	Nigeria	Medium	Medium	Medium	Partly	Partly
University of Benin		Nigeria	Medium	Medium	Medium	Yes	Yes
Kwame Nkrumah University of Science and Technology		Ghana	Low	Medium	High	Yes	Yes
Cheikh Anta Diop University		Senegal	Low	Low	High	Partly	Partly

Guidance Notes: The table above illustrates CoEs current **capacities** i.e. materials & hardware; software, licenses, fees and data; HR, staff and tech support that ultimately affect their **readiness** for online e-learning – Low, Medium or High. The two columns on the right indicate the CoEs' ultimate readiness for online e-learning – yes, no or partly. The capacities were informed by the following questions in specific questionnaire sections:

- Experience with online e-learning teaching (background section)
- Training received to deliver such teaching (background; institutional online e-learning experience sections)
- Extent to which the faculty has integrated ICT with academic offerings (institutional online e-learning experience section)
- Experience with re-packaging face-to-face materials (institutional online e-learning experience section)
- Time distance/mixed and online e-learning academic offerings have been available (institutional online e-learning experience section)
- Access to adequate hardware and software (staff online e-learning experience section)
  - What are the CoEs' current needs (same section as above)
  - The current internet challenges (same section as above)
  - Student challenges (student learning experience section)
- Access to sufficient ICT hardware and software support for online and distance learning in current working situation (institutional level technical and learning support section)
- Access to teaching and learning and / or communications support (same section as above)
  - Types of support partners have access to (same section as above)

How online learning platforms can be integrated with face-to-face learning/or improved (same section as above)

CoE	Region	Needs					Willingness to deliver online e-learning/ training with other CoEs
		Connectivity	Data costs	Power backup	Hardware	Software	
National Water Resources Institute – Nigeria	WANWATCE				Medium	Medium	✓
University of Benin City – Nigeria					Medium	Medium	✓
Kwame Nkrumah University of Science and Technology – Ghana		✓	✓		Medium	Medium	✓
Cheikh Anta Diop University – Senegal		✓	✓		Medium (servers, HD camera)	Medium - High	✓

Guidance Notes: The table above illustrates the CoEs' **needs** to establish/improve online e-learning. Partners were first asked to specifically indicate their needs related to internet (connectivity, data and power supply). The general level of hardware and software capacity and specific needs was requested with finally partners' willingness to co-deliver online e-learning with other CoE. The needs assessment investigated the indicators within the following questionnaire sections:

- What are the CoEs' current needs (staff distance and online learning experience section)
- The current internet challenges (same section)
- Student challenges (student learning experience section)
- How online learning platforms can be integrated with face-to-face learning/or improved (institutional level technical and learning support section). Reference notes:
  - HD – High definition
  - LCD – Liquid Crystal Display
  - UPS – Uninterrupted Power Supply
  - PC – Personal Computer
  - IT – Information Technology