

A woman with a backpack stands on a beach with palm trees in the background. The image is part of a presentation slide with a blue sky and a red header bar at the top.

AVU Multinational Project II: A collaborative approach to implementing an eLearning project in 21 countries

Authors: Dr. Bakary Diallo & Ms. C.Wangeci

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Dar es Salaam 15th & 16th November**

by
Catherine Wangeci Thuo



Introduction: www.avu.org

- PanAfrican Intergovernmental Organization established by charter signed by 15 countries
- Established in 1997 as a project by WB in Washington DC
- Headquarters moved to Kenya in 2000, currently has regional Office in Dakar, Senegal
- MOU with African Union Commission, for support in eLearning
- Supported by leading African institutions like the AfDB and African governments like Nigeria TCF



Introduction: www.avu.org



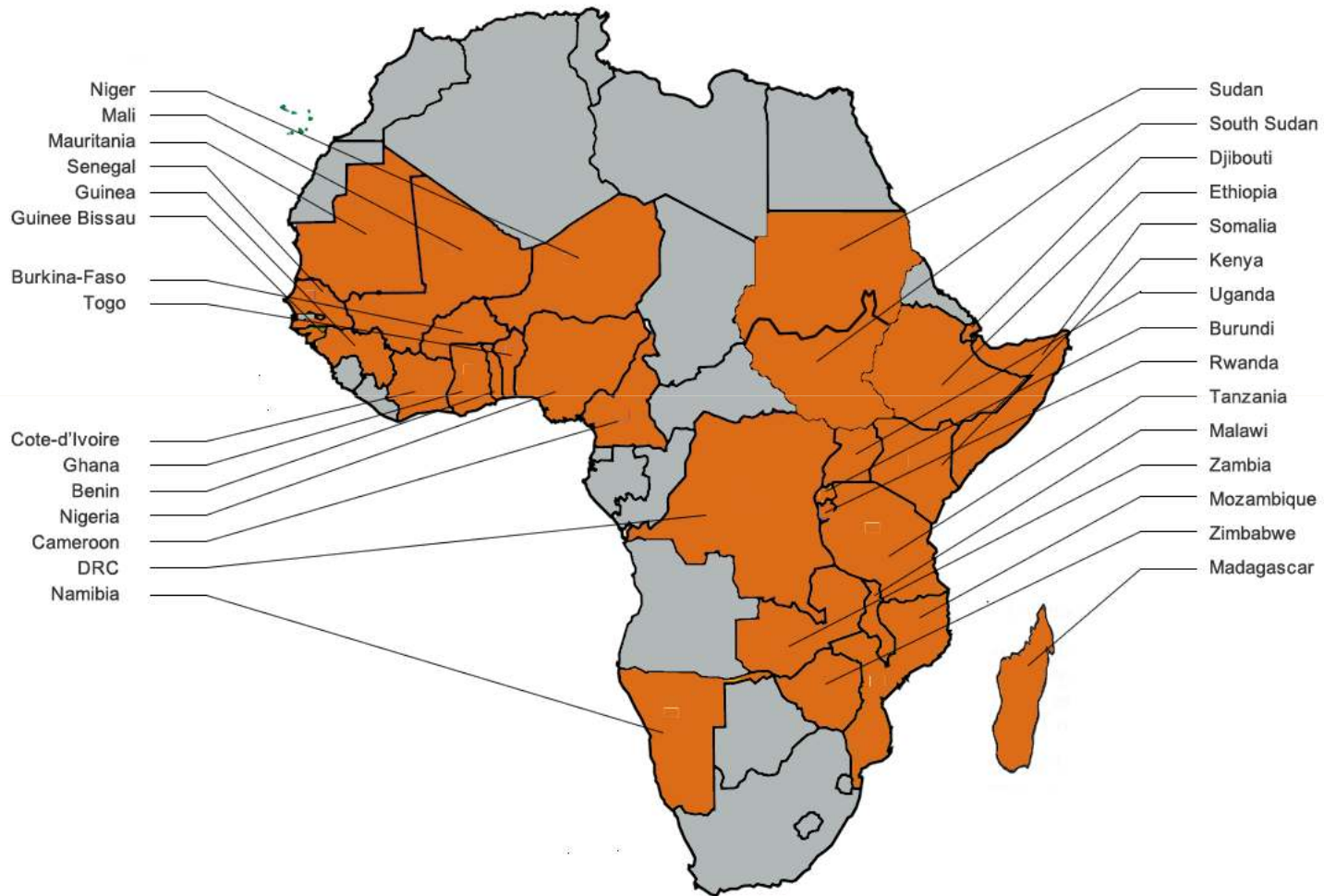
- Mandate: significantly increasing access to quality higher education and training through the innovative use of ICTs
- Working beyond technological, language and cultural barriers in Anglophone, Francophone and Lusophone Africa
- Large eLearning network of 30+ countries
- Find more <http://www.avu.org/About-AVU/introduction.html>



AVU Presence in Africa



The African Virtual University : Our Presence in Africa



AVU Multinational Support Project, Phase I



AFRICAN DEVELOPMENT
BANK GROUP



Introduction



Overall objective

- to enhance capacity of the AVU's Partner institutions to develop ICT assisted education and training programs

Funding

- \$7M by the AfDB for implementation of the project in one institution in each of the ten countries
- \$0.7M Additional funding from UNDP Somalia for 2 extra institutions in Somalia

Implementation Period

2005 to 2011



Introduction...



Project Beneficiaries

Country	Institution
Kenya	University of Nairobi
Uganda	Kyambogo University
Tanzania	Open University of Tanzania
Ethiopia	Jimma University
Mozambique	Universidade Pedagogica
Zambia	University of Zambia
Zimbabwe	University of Zimbabwe
Somalia	Amoud University, <i>EAU</i> , <i>UoH</i>
Madagascar	Université d'Antananarivo
Senegal	Université Cheikh Anta Diop (UCAD)



Activity 1: Establishment ODeL Centres



Universidade Pedagogica, Mozambique



Activity 2: Training of Trainers for ODeL - ACEP

The AVU Capacity Enhancement Program **ACEP**



Cascade Training

Activity 3: ICT-Integrated Teacher Education Program



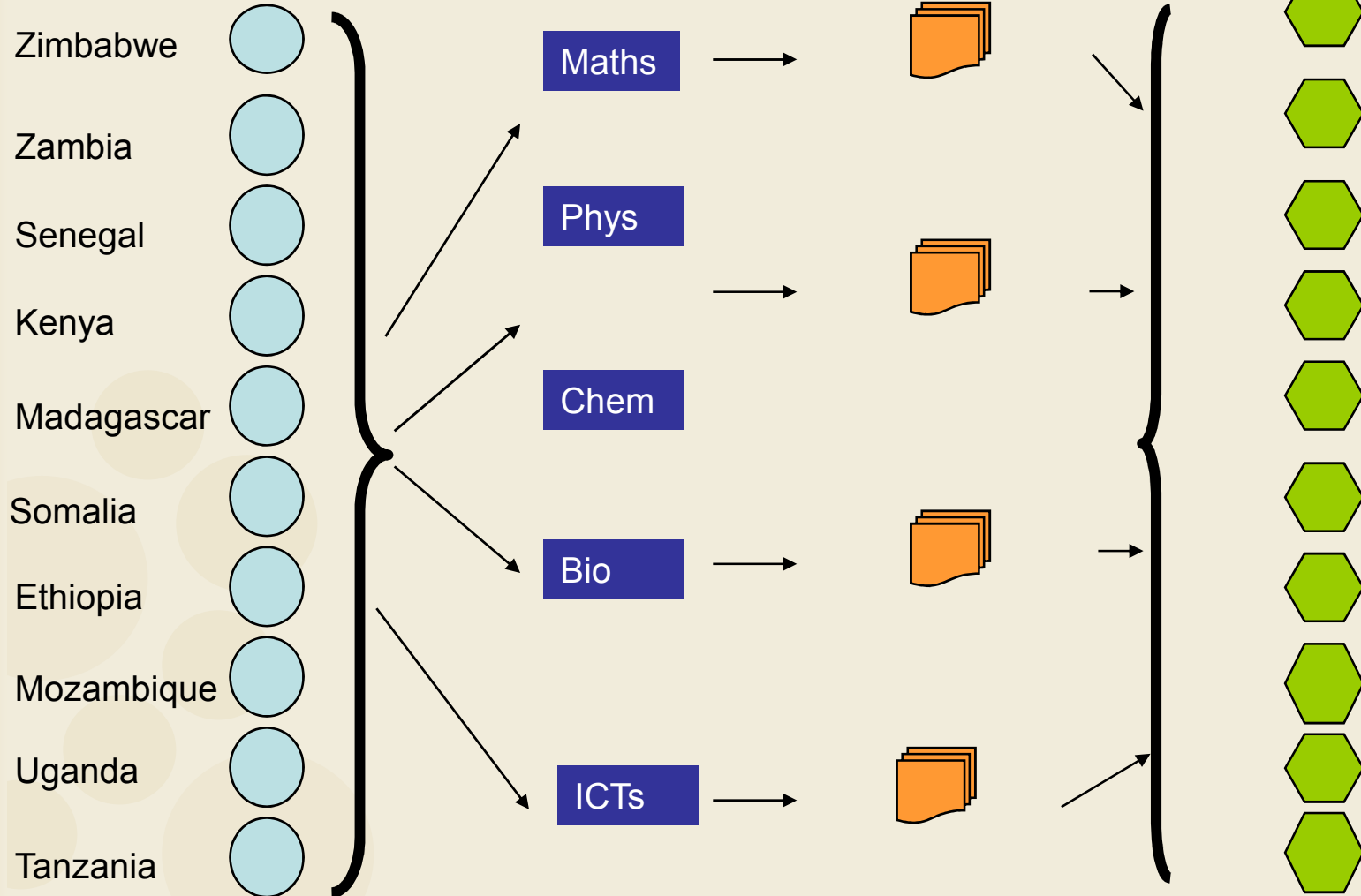
Collaboration Process in Program Dev & Delivery

Country Curriculum

Harmonized Curriculum

ODELified Modules

In-Country Programs



List of Modules Developed



1. Biology – 7 Modules
2. Chemistry – 12 Modules
3. Mathematics – 12 Modules
4. Physics – 15 Modules
5. ICT Basic Skills – 4 Modules
6. ICT Integration – 4 Modules
7. Education Professional Courses – 19 Modules

TOTAL = 73



Content Production



For optimal access, all 73 modules were:

- translated into 2 other languages from language of authoring: all available in English, French, Portuguese
- printed as booklets for F2F learning
- burned into CD/DVDs – for offline learning
- Uploaded on LMS (moodle) and on mirror moodle server at PIs – online learning
- OER



Open Educational Resources Portal

<http://oer.avu.org/>





OER@AVU

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News

Press Release: AVU Open Courses Voted the 'Most Progressive' by the Global Community

Nairobi, Kenya, 14 September 2012

The African Virtual University Open Education Resources (OER) initiative has been voted the "Most Progressive" resource in the second Education-Portal.com OpenCourseWare (OCW) People's Choice Awards.

→ [Learn More](#)



Donate



Highlighted Module

Mechanics

Prepared by Tendayi Chihaka

Partners

Sustaining Member of the OCW Consortium



Browse

→ **All of OER@AVU**

→ Communities & Collections

→ By Issue Date

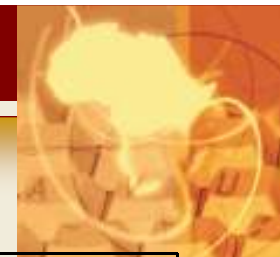


Open Educational Resources OER@AVU

- High quality modules developed by a consortium of 12 PIs
- Total of 219 modules
- Released as OER under the Creative Commons open licence.
- Platform is Open Source based on DSpace (developed by MIT)
- Content available in Word, PDF, Video links to YouTube, Scribd.
- Available on “the cloud” freely to use in the 4Rs:
 - Revise
 - Reuse
 - Remix
 - Re-distribute and post back to enrich OER@AVU



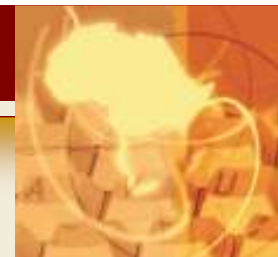
OER@AVU Statistics – No of Visits



	Internal (OER@AVU)	External (Scribd)	Total
Dec 2010 - Feb 2011	18,257	20,064	38,321
Mar 2011 - May 2011	63,531	73,031	136,562
Jun 2011 - Aug 2011	54,680	68,879	123,559
Sep 2011 - Nov 2011	77,995	110,892	188,887
Dec 2011 - Feb 2012	64,256	135,708	199,964
Mar 2012 - May 2012	57,625	224,320	281,945
Jun 2012 - Aug 2012	48,301	206,319	254,620
Sep 2012 - Oct 2012	33,646	129,337	162,983
Total	418,290	968,550	1,386,840



OER@AVU Statistics – Top Countries



- 201 countries and territories

Rank	Country / Territory
1	Brazil
2	United States
3	Philippines
4	India
5	(not set)
6	Kenya
7	France
8	Nigeria
9	Canada
10	United Kingdom



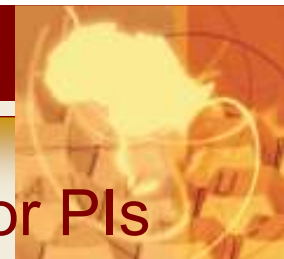
OER@AVU Statistics – Top African Countries

- 54 countries and territories

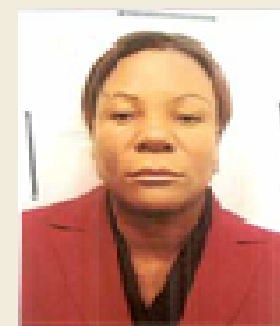
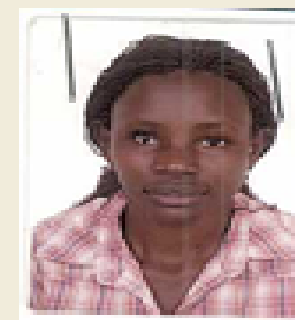
	Country / Territory
1	Kenya
2	Nigeria
3	Morocco
4	Algeria
5	South Africa
6	Tanzania
7	Mozambique
8	Ethiopia
9	Angola
10	Cameroon



Activity 4: Gender Mainstreaming



- Developed a Gender Mainstreaming Strategy Paper for PIs
- Awarded 597 scholarships: 60% of which were to females





A group of females students awarded scholarship for ICT Basic Skills in Kitwe, Zambia



Summary Outputs



- 10 ODeL Centres Established
- 459 academics trained in ACEP, Re-writing courses for ODeL, Program Delivery and Management and IT Maintenance
- 219 Modules in OER@AVU – has won 2 awards
- 597 Scholarships awarded
- Enrolment of more than 4,000 students
- Cross-border collaboration – TE Virtual Consortium – a community of practice



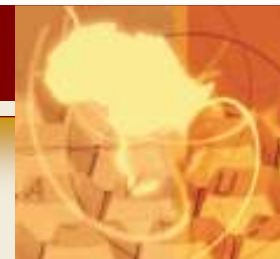
Lessons Learnt



- Collaborative strategy was the most valuable lesson learnt
- Complexity of Implementation of technology-based project required constant evaluation
- Social political environments in different target countries called for flexibility
- The teacher education component demonstrated the possibility of achieving regional integration across language divides
- The importance of a research component



Challenges faced & mitigations



- Diverse Education systems across the continent: *held initial separate processes*
- Unstable political environment: cases of Djibouti, Somalia, Kenya (2007), Zimbabwe (2007/2008): *In Somalia, engagement of more PIs from all sub-regions; in Djibouti-substitution with another country, Senegal.*
- Countries' ICT policies concerning connectivity: case of Ethiopia and VSAT licensing: *use of local ISP*
- Varying processes in the PIs for curriculum approval: *the formation of the Advisory Committee*
- PIs academics ICT skills gap: *training*





AVU Multinational Support Project, Phase II



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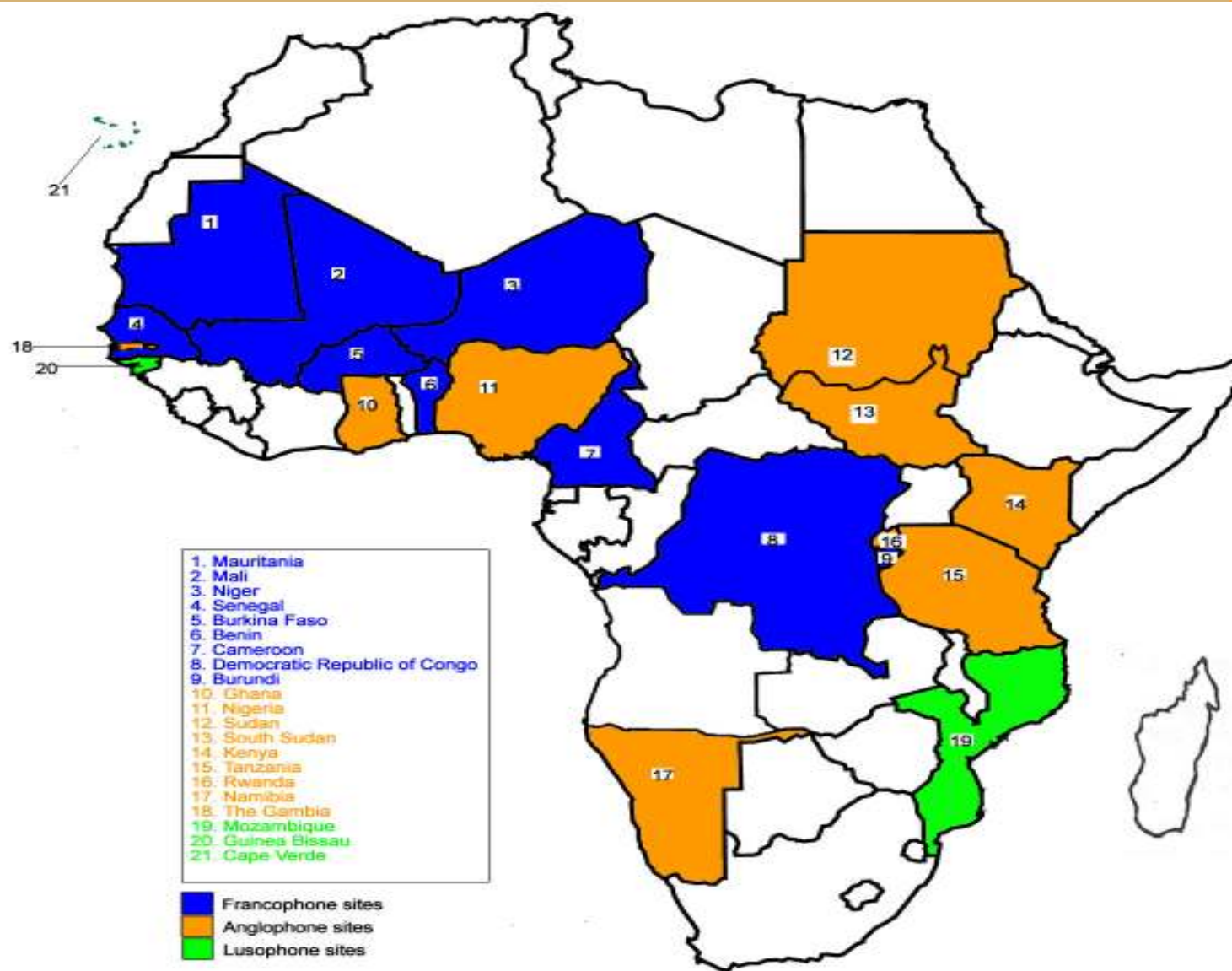
Introduction



- Builds on the Phase I project
- Consolidate gains and spread the benefits
- Funded by African Development Bank : \$15.6 Million
- Objective: *to strengthen the capacity of 27 Partnering Institutions (PIs) in 21 African countries within the AVU network and the African Virtual University (AVU) to develop, deliver and manage quality ICT assisted tertiary education and training opportunities in science and technology programs.*



Project Beneficiary Countries



Project Activities:



Adopt the collaborative strategy in Phase I for:

- Infrastructure - establish 27 Open Distance and eLearning (ODeL): 15 new and 12 upgrade
- Training of Trainers: AVU Capacity Enhancement Program (ACEP)
- Review the Phase I Teacher Education Program
- Develop & Deliver Computer Science Program
- Peace and Conflict Resolution Program
- Research and Development in ICT in Education
 - Publishing of an annual open online journals
 - Convening of an annual conference on ICT in Education
 - Establishment of a Mobile Learning Laboratory



Project Activities cont



- The scholarship Fund
 - Award more than 500 scholarships to mostly female students
- Promote OER
 - Revise the AVU@OER site to a more interactive platform
 - Add 150 new modules and revise the current 219
 - OER sensitization workshops
- Quality Assurance Framework for eLearning





- NRENs could use and/or promote the OERs within their networks
- ICT in Education Infrastructure: use of the established ODeL Centres
- Training of Trainers: the ACEP
- Research and Development in ICT in Education





Thank You

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