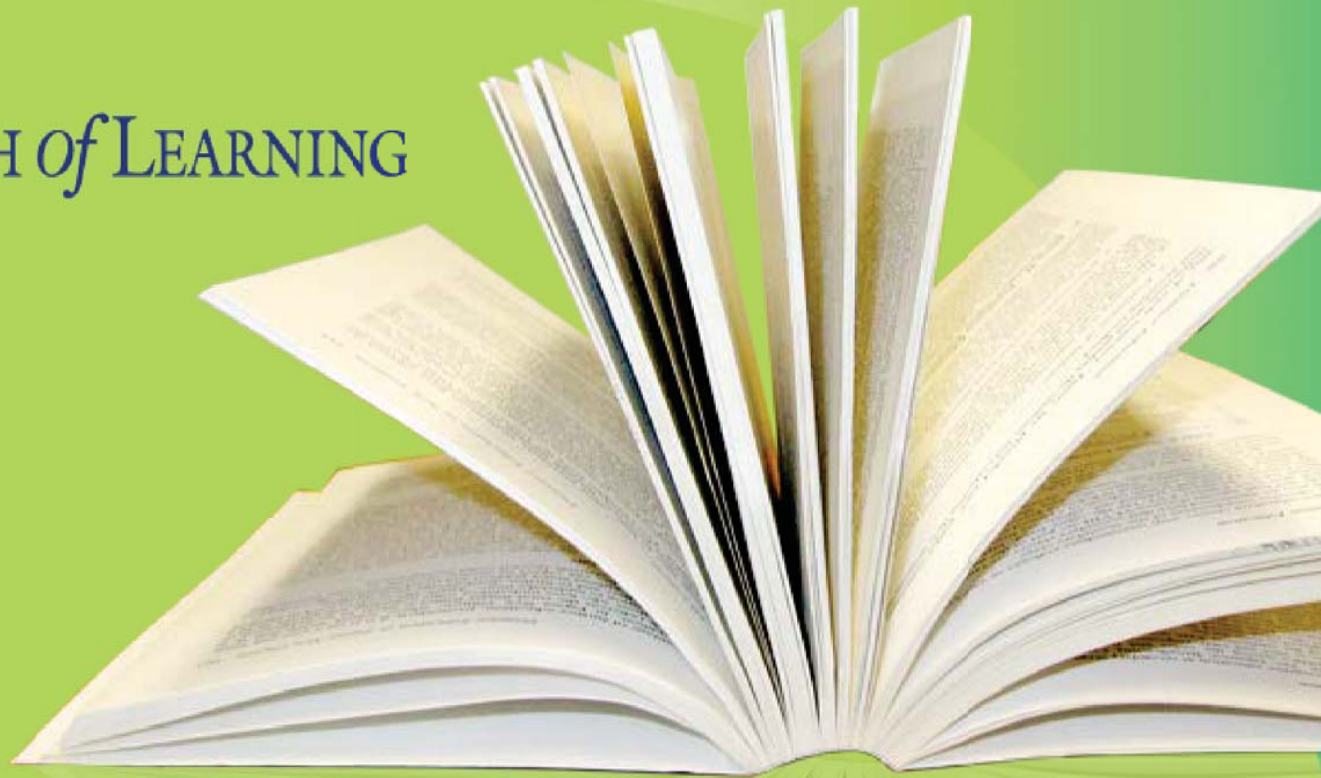




COMMONWEALTH *of* LEARNING



# 10 Years of OER: enlarging the circle?

**Professor Asha Kanwar**

*President & CEO, Commonwealth of Learning*

**OER Asia Forum, Sept 20, 2012**

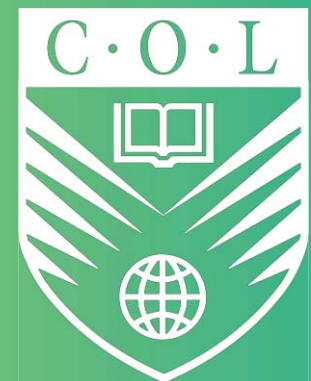


# Plan

- 10 years of OER
- Lessons
- Enlarging the circle



# 10 YEARS OF OER





## **UNESCO HQ Paris**

2002 Forum on the Impact of Open CourseWare  
for Higher Education in Developing Countries

# Access: Malawi

- Bunda College of Agriculture
  - 102 page Communications Skills textbook
  - 75% OER
  - Adapted by adding contextually relevant materials, activities, assignments



# Access: translation

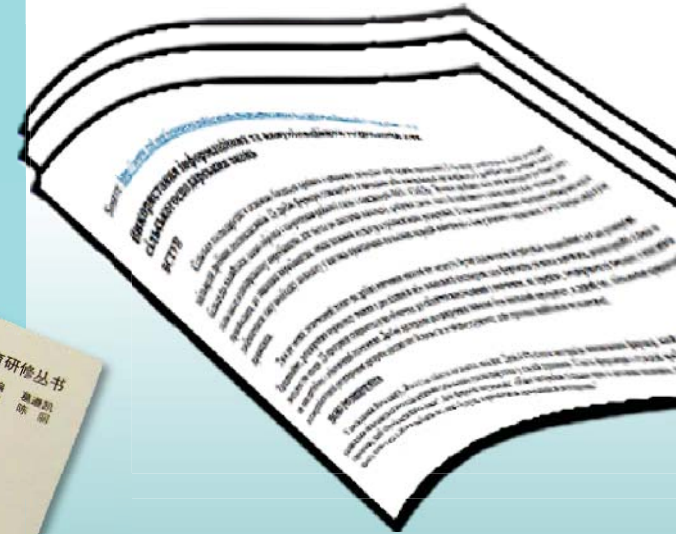
## CORE



**COL ID template**  
translated and adapted by  
Open University of China



**COL materials**  
in **Ukrainian**



# Quality



- 611 institutions in India
  - KSS Women’s Engineering College, Andhra Pradesh
  - Maya Devi Educational Foundation, Uttarakhand
  - Bhilai Institute of Technology, Chattisgarh



Maya Devi  
Educational Foundation



# Costs per teacher?

- 20 teacher education programmes in 12 countries
- Materials available in 4 languages
- In 2010, 320,000 teachers benefited



**Teacher Education in Sub-Saharan Africa**





# PROGRAMME



United Nations  
Educational, Scientific and  
Cultural Organization



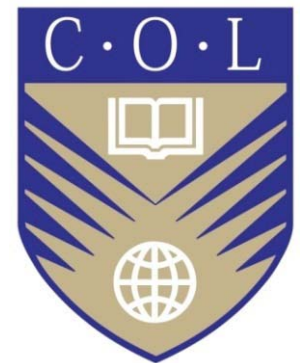
2012 World  
Open Educational Resources  
Congress Paris  
20-22 June  
UNESCO Headquarters  
Paris, France

# Fostering Governmental Support for Open Educational Resources Internationally



United Nations  
Educational, Scientific and  
Cultural Organization

THE WILLIAM AND FLORA  
HEWLETT  
FOUNDATION



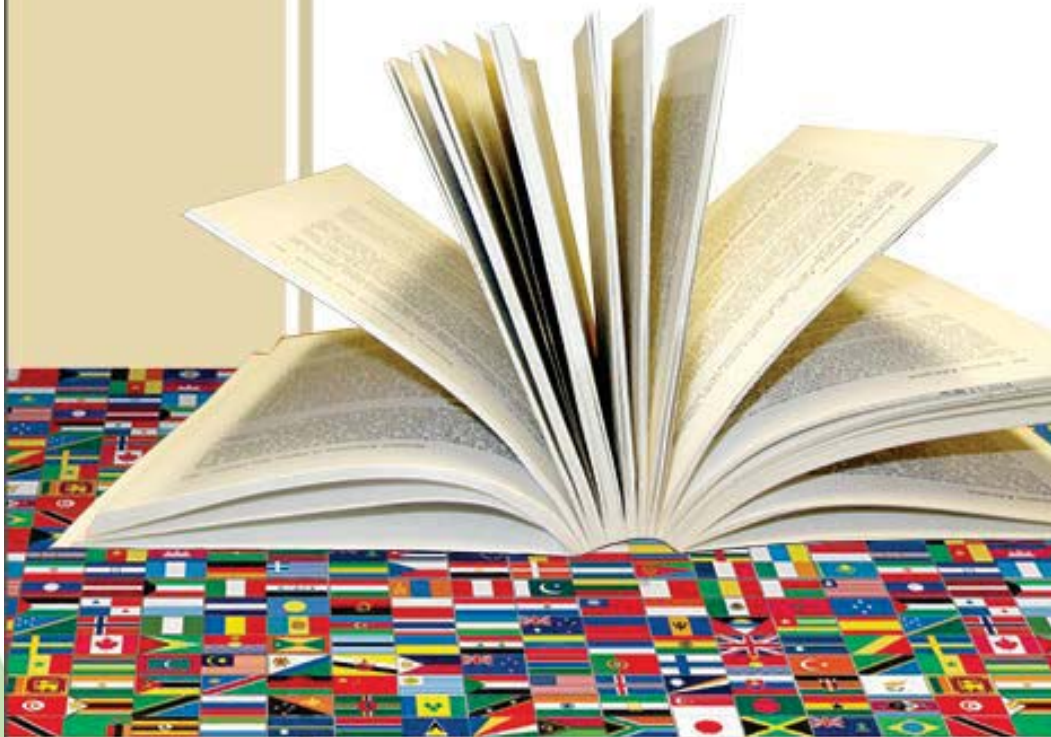


United Nations  
Educational, Scientific and  
Cultural Organization



COMMONWEALTH of LEARNING

# Survey on Governments' Open Educational Resources (OER) Policies



Prepared for the World OER Congress  
— June 2012 —



**Sir John Daniel**  
Former President & CEO  
Commonwealth of Learning



# Regional Policy Forums

- Caribbean - January
- Africa - February
- Latin America - March
- Europe - April
- Asia & Pacific - April
- Arab States - May

## 10 Caribbean jurisdictions reported on the status of OER

Barbados, January 2012

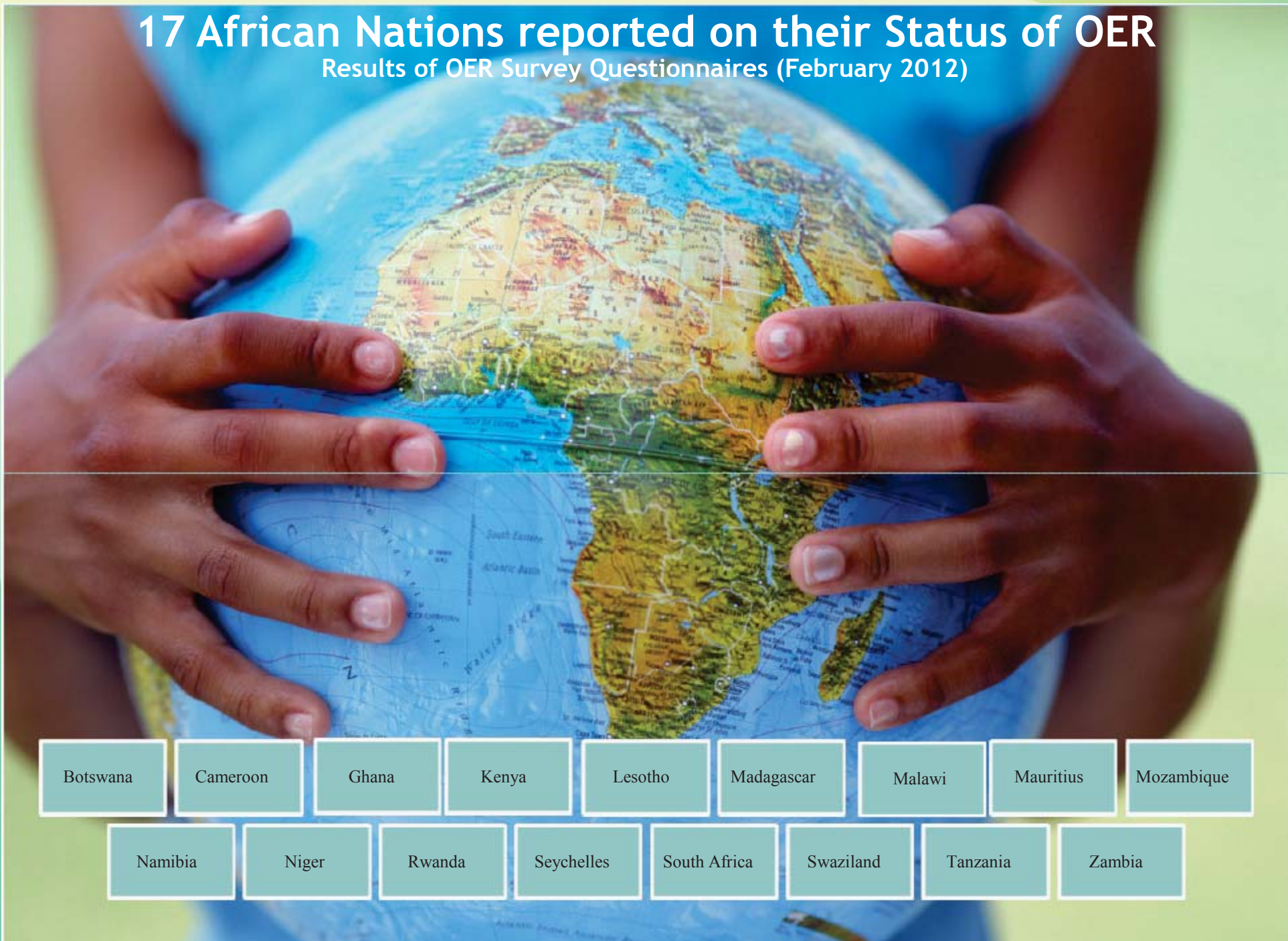
<b>Antigua &amp; Barbuda</b>	<b>The Bahamas</b>
<b>Belize</b>	<b>Grenada</b>
<b>Guyana</b>	<b>Jamaica</b>
<b>St. Vincent &amp; the Grenadines</b>	<b>St. Kitts &amp; Nevis</b>
<b>Trinidad &amp; Tobago</b>	<b>Cayman Islands</b>



## Caribbean OER Policy Forum

# 17 African Nations reported on their Status of OER

Results of OER Survey Questionnaires (February 2012)



Botswana

Cameroon

Ghana

Kenya

Lesotho

Madagascar

Malawi

Mauritius

Mozambique

Namibia

Niger

Rwanda

Seychelles

South Africa

Swaziland

Tanzania

Zambia

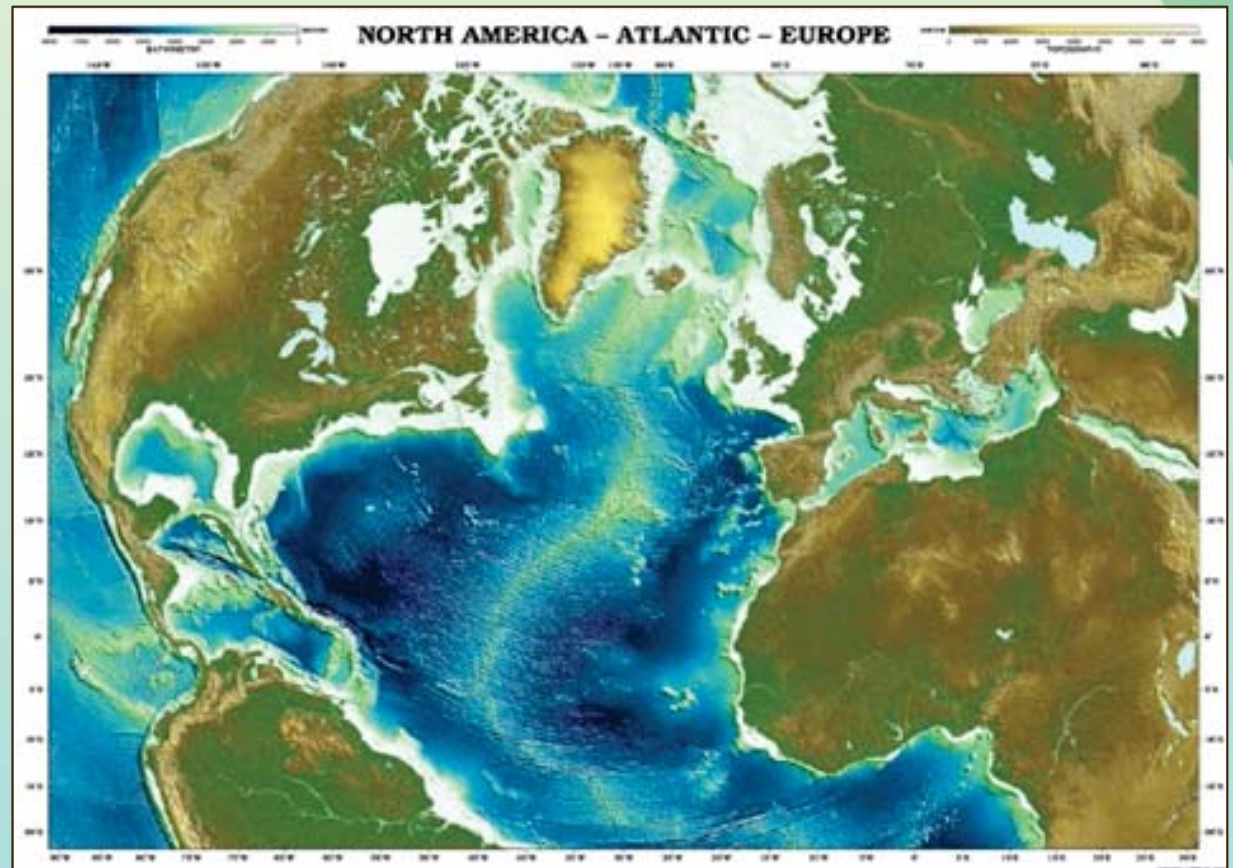
## 10 Latin American Nations reported on their Status of OER

<b>Argentina</b>	<b>Brazil</b>
<b>Chile</b>	<b>Colombia</b>
<b>El Salvador</b>	<b>Guatemala</b>
<b>Mexico</b>	<b>Paraguay</b>
<b>Peru</b>	<b>Uruguay</b>



## 18 countries reported on their OER policies/intentions

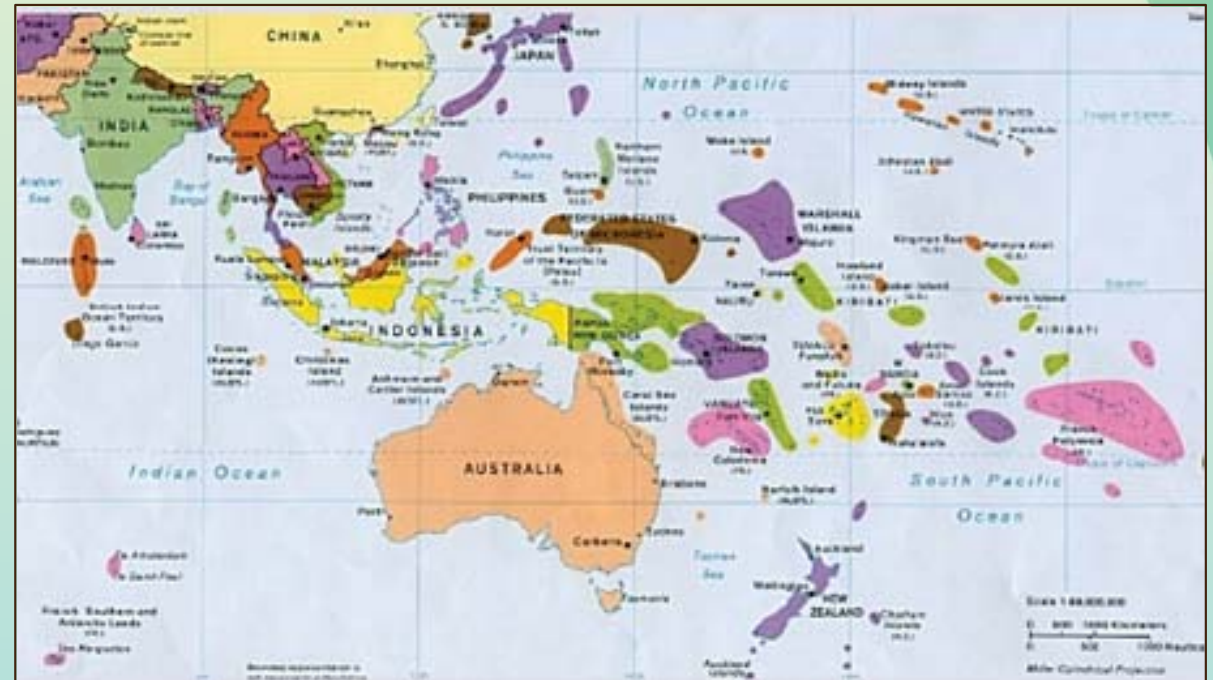
Armenia	Austria	Azerbaijan
Belgium	Bulgaria	Canada
Cyprus	Finland	Hungary
Italy	Latvia	Lithuania
Malta	Monaco	Netherlands
Poland	Slovenia	USA





## 19 countries reported on their OER policies/intentions

Australia	Brunei	China
Fiji	Indonesia	Iran
Kazakhstan	Korea	Malaysia
Mongolia	New Zealand	Pakistan
Philippines	Samoa	Sri Lanka
Thailand	Uzbekistan	Vanuatu
	Vietnam	



# 11 countries reported on their OER policies/intentions

Algeria	Bahrain
Iraq	Jordan
Lebanon	Morocco
Oman	Qatar
Sudan	Tunisia

Yemen



World Congress on  
**Open Educational Resources**  
Paris – June 20-22 – 2012

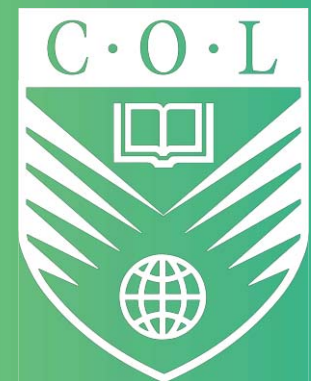


**Paris Declaration**

# Paris Declaration

- Foster awareness and use of OER
- Foster strategic alliances for OER
- Encourage the development and adaptation of OER in a variety of languages and cultural contexts
- Encourage research on OER

# LESSONS FROM THE LAST 10 YEARS



# 1. Beyond Higher Education...

- Surge in secondary education
- Need for skills development



# Access: open schooling



Ministries  
of Education

Schools

Teachers

Consultants

## 2. Convergence of approaches

- State supported rather than driven by philanthropy in Asia
- OECD: Driven by institutions and individuals





# 3. Harnessing the potential of Mobile technologies

- Connectivity is less of a concern in Higher Education sector
- Digital divide still exists at the primary and secondary education levels



# 4. Multi-directional exchanges

University of Ghana

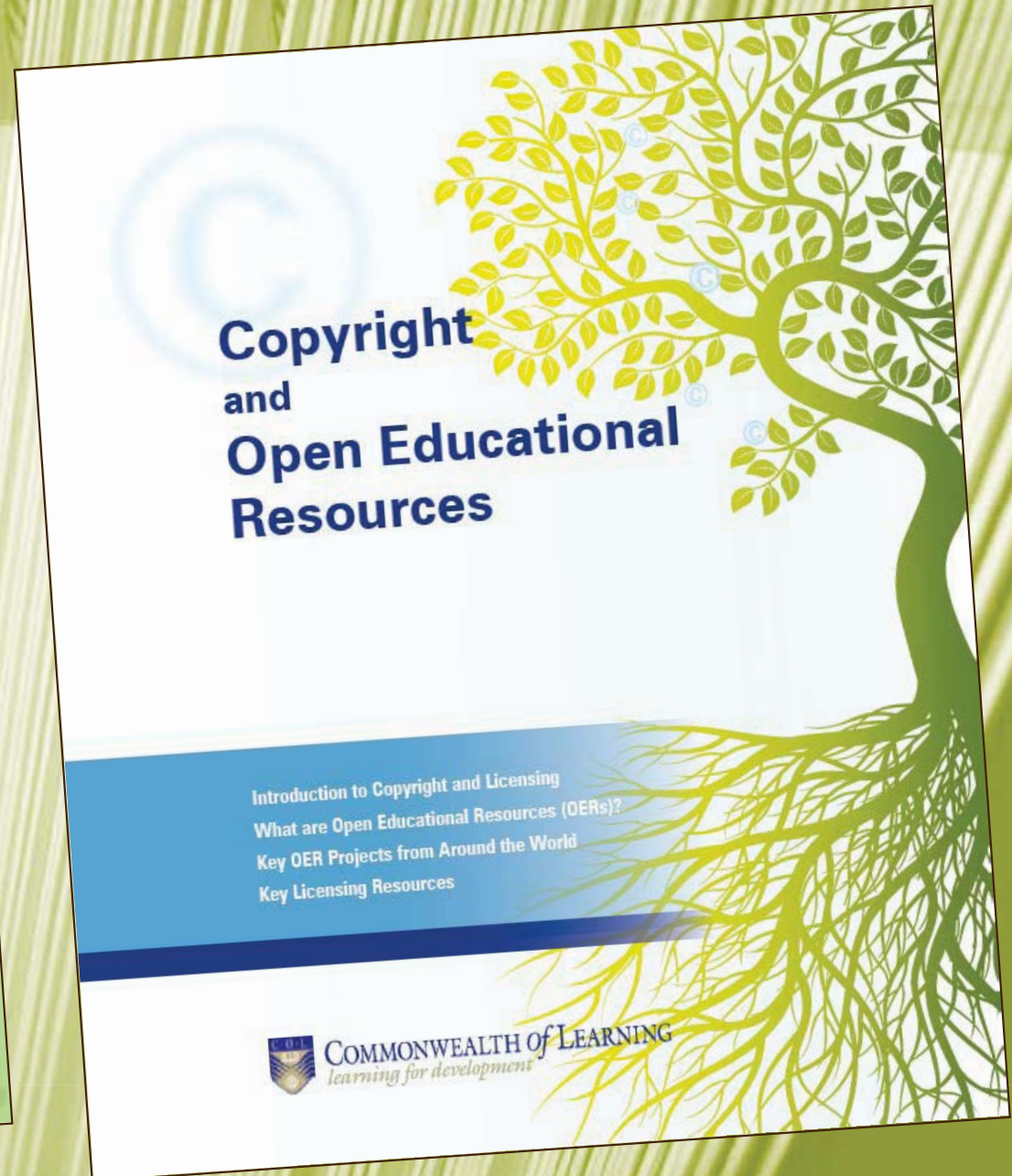
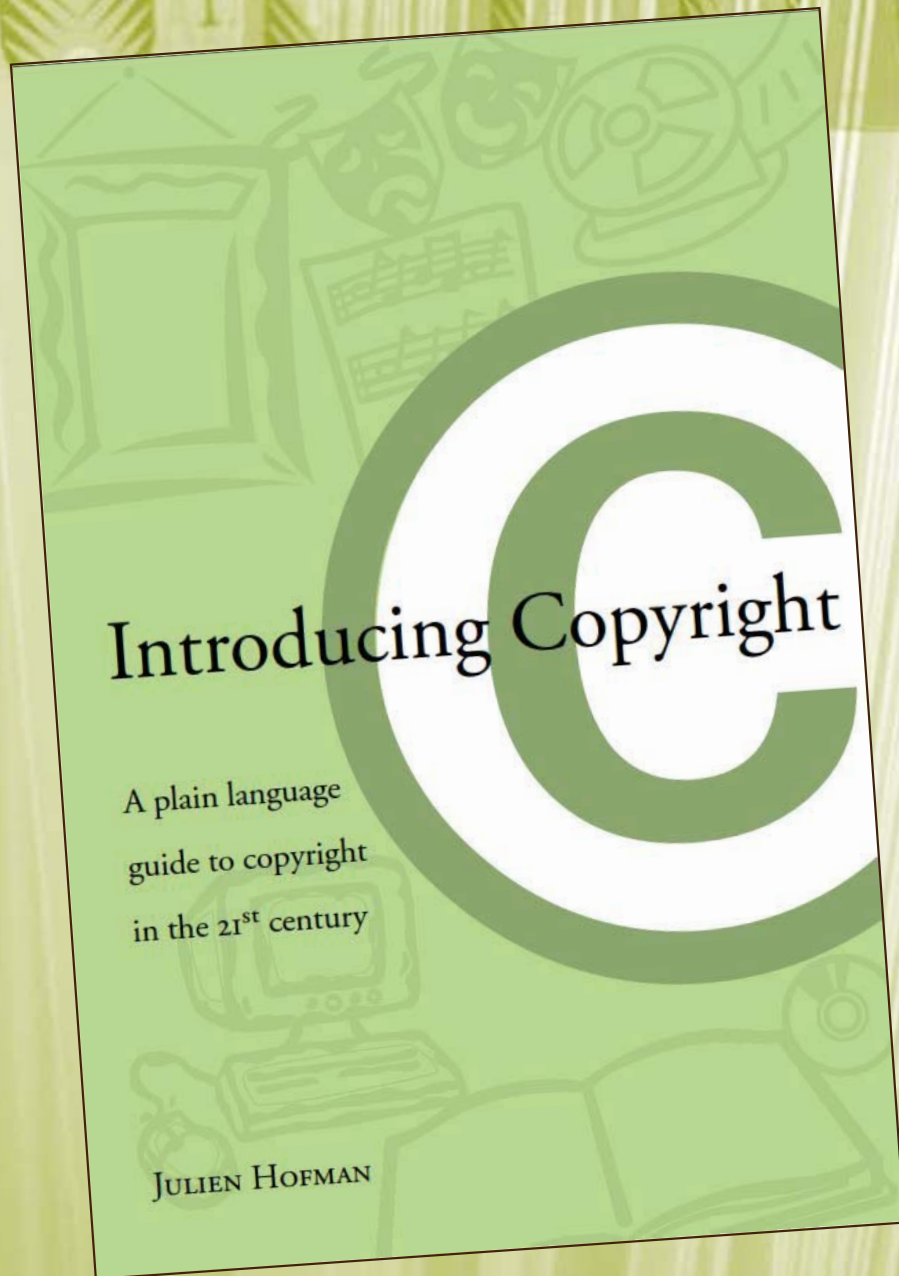


The Balme Library of the University of Ghana

Kwame Nkrumah  
University  
of Science and Technology

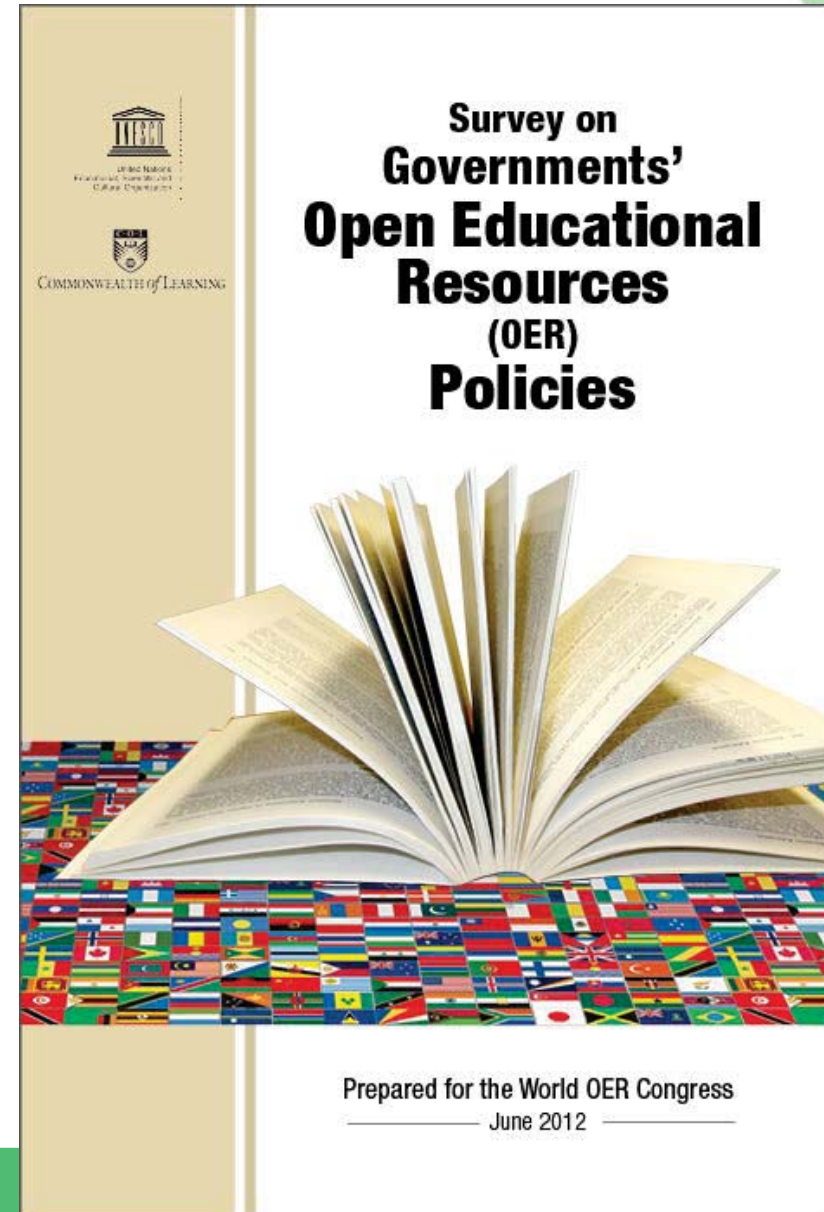


# 5. Open Licensing: More Advocacy



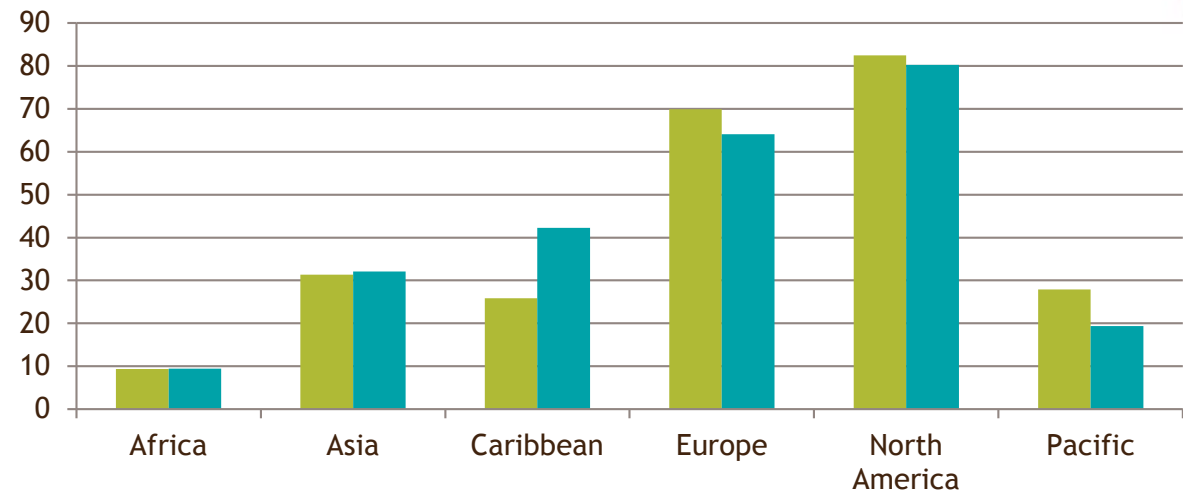
# Regional Consultations on OER

- Open licensing endorses authors' rights to ownership of intellectual property



# 6. Research on OER

- Evidence
- Innovation
- Value for money

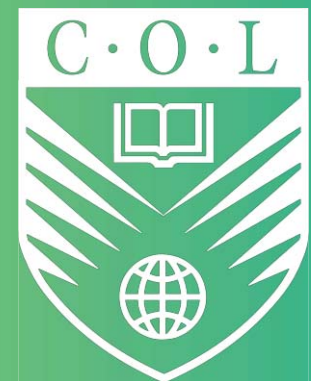


■ Computer Users per 100 persons    ■ Internet Users per 100 persons

Source: International Telecommunications Union  
<http://www.itu.int/ITU-D/ICTEYE/Default.aspx>



# ENLARGING THE CIRCLE

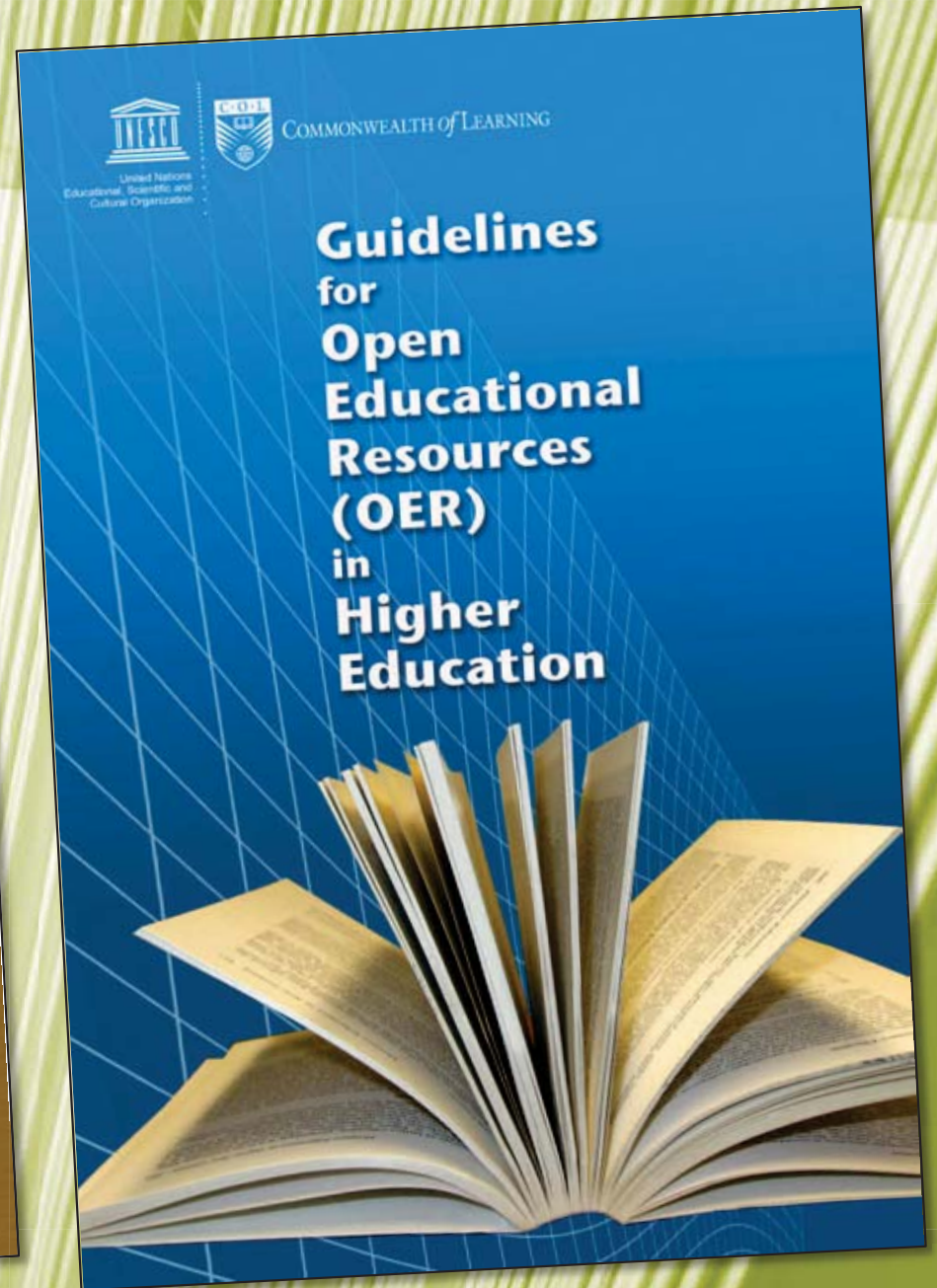
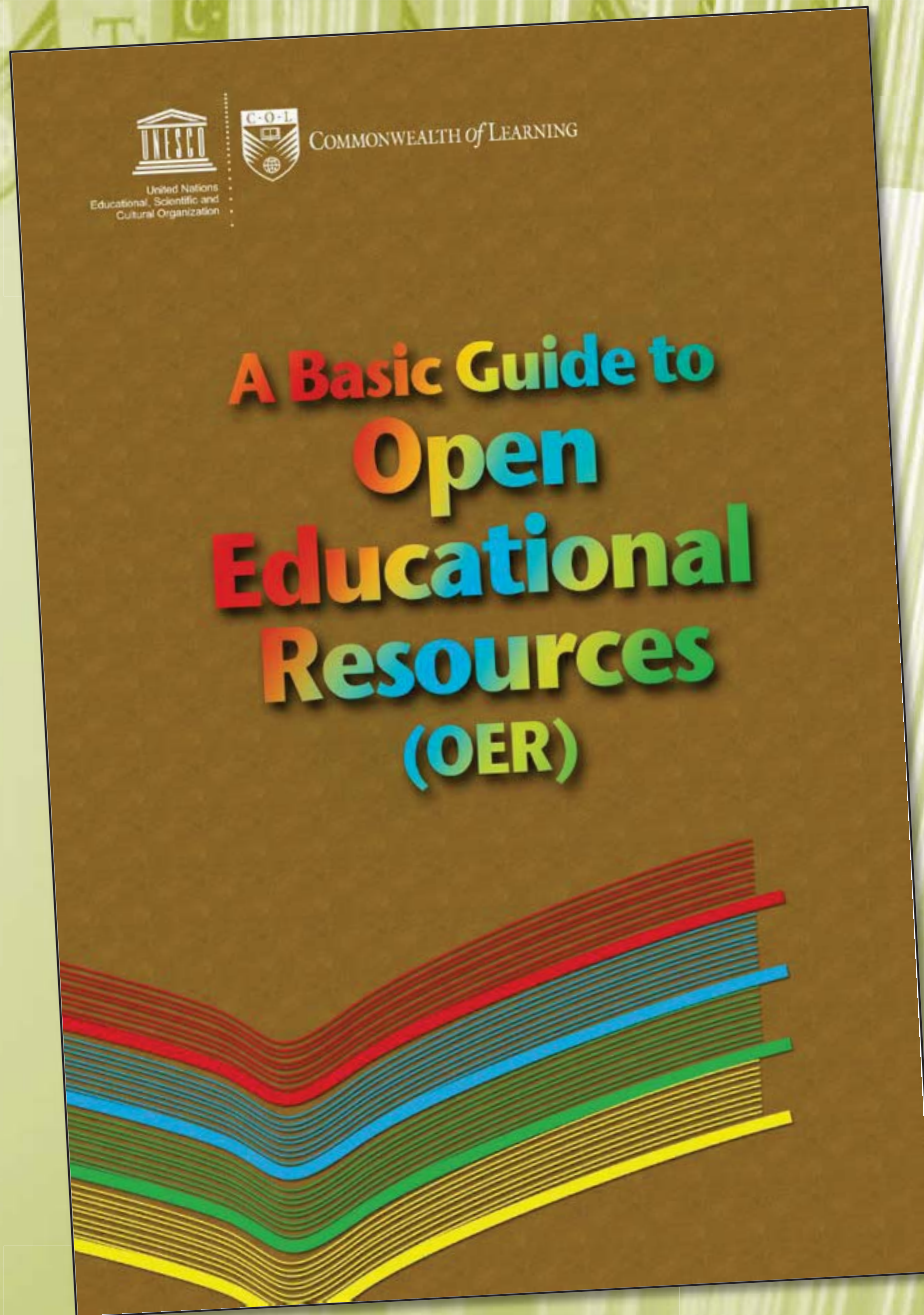


# What will COL do?

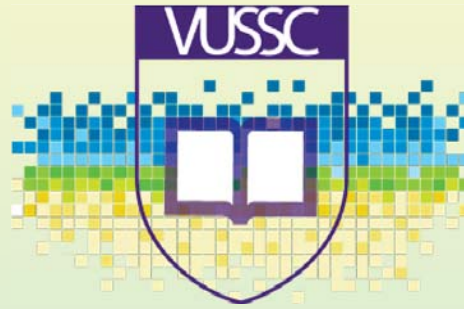
- Advocacy
- Policy development
- Capacity building
- Publications



# UNESCO-COL Resources on OER







The Virtual University for Small States of the Commonwealth

# Disaster management

# Sustainable agriculture

# Business & Entrepreneurship



COMMONWEALTH of LEARNING



# Gathering Evidence

- 5 OER COURSES FOR SECONDARY SCHOOLS, KENYA;
- DEVELOPING TEXTBOOKS IN ENGLISH AND MATHS USING OER FOR JUNIOR SECONDARY SCHOOLS, NIGERIA;
- 2 OER COURSES IN BUSINESS AND ENTREPRENEURSHIP AND SUSTAINABLE AGRICULTURE FOR SMALL STATES, TRINIDAD & TOBAGO.

# 18<sup>th</sup> CCEM Communique

Ministers emphasized the need

- *‘to set up a common platform for OER materials for...ease of access’*
- *‘for the development and use of OER in providing quality teaching and learning for all’.*

**18 CCEM**  
M A U R I T I U S  
28 - 31 August 2012



# Directory of Open Educational Resource (DOER)

- Open Educational Resources directory service
- Only full courses catalogued
- A service provided by COL

The screenshot shows the Commonwealth Connects Portal website. At the top, there is a header with a colorful geometric logo on the left, the text "COMMONWEALTH CONNECTS PORTAL" and "DIRECTORY OF OPEN EDUCATIONAL RESOURCES" in the center, and "SERVICE PROVIDED BY" followed by the COL logo and "COMMONWEALTH OF LEARNING" on the right. Below the header, the page is divided into three main sections. The left section contains a "Search DSpace" form with a search box and a "Go" button, links for "Advanced Search" and "Subject Search", a "Home" link, a "Browse" section with links for "Communities & Collections", "Issue Date", "Author", "Title", "Subject", "Edutags", and "Publisher", and a "Sign on to:" section with a "Receive email updates" link. The middle section is titled "C2P: Open Educational Resources >" and contains a "DSpace" section with a welcome message, a "Search" section with a search box and "Go" button, and a "Communities in DSpace" section with a prompt to choose a community. The right section is titled "C2P: Open Educational Resources" and contains a description of the service and two "RSS Feeds" buttons labeled "RSS 1.0" and "RSS 2.0".

# DOER: Sample Courses

EDU 240:  
SUBJECT METHODS (INTEGRATED SCIENCE)



NATIONAL OPEN UNIVERSITY OF NIGERIA

NPTEL

E-LEARNING COURSES FROM THE IITs & IISc

NPTEL >> Courses >> Electronics & Communication Engineering >> Adaptive Signal Processing (Video) >> 1 - Introduction to Adaptive Filters

Video

Watch on YouTube

Download



Lectures in this course: 41

- 1 - Introduction to Adaptive Filters (53:56)
- 2 - Introduction to Stochastic Processes (59:46)
- 3 - Stochastic Processes (59:46)
- 4 - Correlation Structure (57:04)
- 5 - FIR Wiener Filter (Real) (57:42)
- 6 - Steepest Descent Technique (55:27)
- 7 - LMS Algorithm (55:03)
- 8 - Convergence Analysis (59:25)
- 9 - Convergence Analysis (Mean Square) (54:41)
- 10 - Convergence Analysis (Mean Square) (53:24)



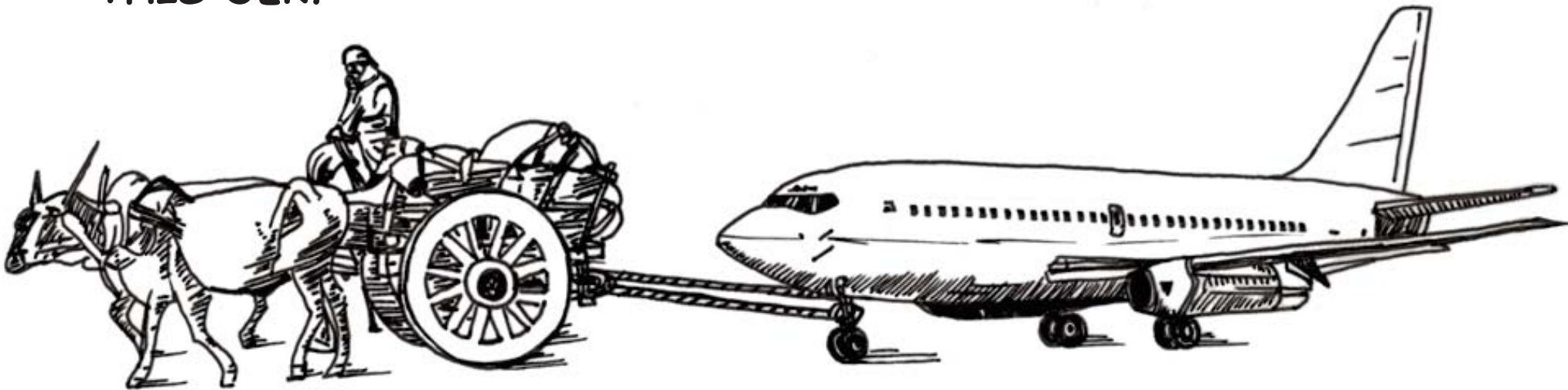
# Statistics: Publishers

Total: 1150

	Publisher	Total
1	African Virtual University	70
2	Athabasca University	10
3	AU Press	5
4	Capilano University	20
5	GetSmarter	1
6	HSRC Press	2
7	Indira Gandhi National Open University	113
8	Intercultural and Diversity Studies of Southern Africa	1
9	Kwame Nkrumah University Of Science & Technology	13
10	National Open University of Nigeria	346
11	National Programme on Technology Enhanced Learning	121
12	Otago Polytechnic	37
13	Quantum computing	1
14	The Open University	288
15	The University of British Columbia	1
16	United Nations University	2
17	University College Falmouth	2
18	University of Cape Town	64
19	University of Nottingham	26
20	University of Oxford	10
21	University of Southern Queensland	10
22	Virtual University for Small States of the Commonwealth	7

# Can Open Educational Resources thrive in closed educational settings?

WHAT IS THIS OER?



# Transforming the curriculum





# Involvement of stakeholders

- Involving different stakeholders to participate, collaborate, create and share;
- Encouraging consumers to become the producers of knowledge;
- Extending the boundaries of language

# Reaching the fundamental players: OER for whom?

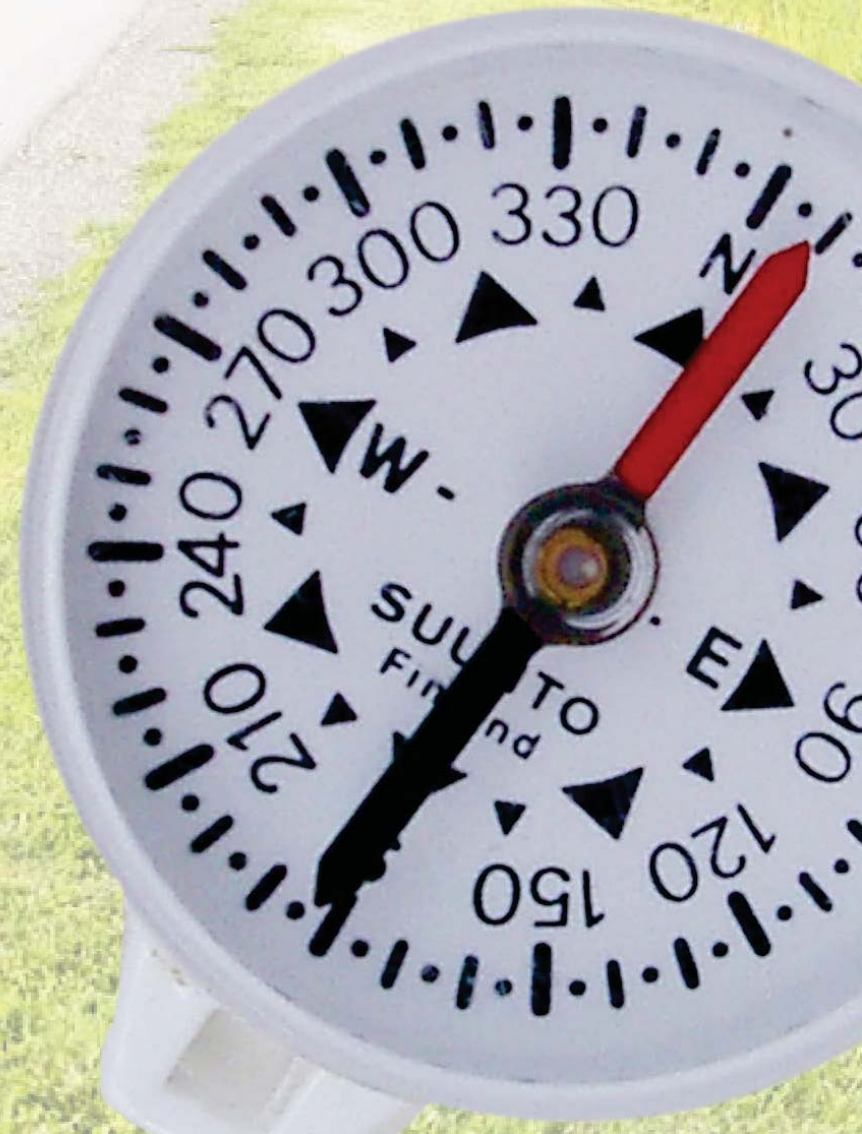
- **Teachers and students in remote/marginalised communities**
- **How can they become partners in the OER movement?**
- **What advocacy strategies will be needed to do that?**

# Tapping tacit knowledge?



# Complementing rather than duplicating effort

- Strong groups of players in OER have emerged in different regions
- How can these different groups come together as a network of stakeholders?
- Do we have a roadmap?





**Thank you**  
**[www.col.org](http://www.col.org)**