

# Mainstreaming OER for Inclusive Education for the Commonwealth Asia: Potentials and Key Challenges



**Professor Mostafa Azad Kamal**  
Dean, School of Business  
Bangladesh Open University

# How **All Rights Reserved Copyright** restricts access to education and research and limits innovation?



- **Expansive** for the users – limited or no access to quality textbooks, dropout in higher education
- **Time consuming** production of the resources
- **Low scalability** – less efficiency
- **Limited or no access** to the quality research data or articles
- **Slow innovation** from social point of view

**CLOSED**

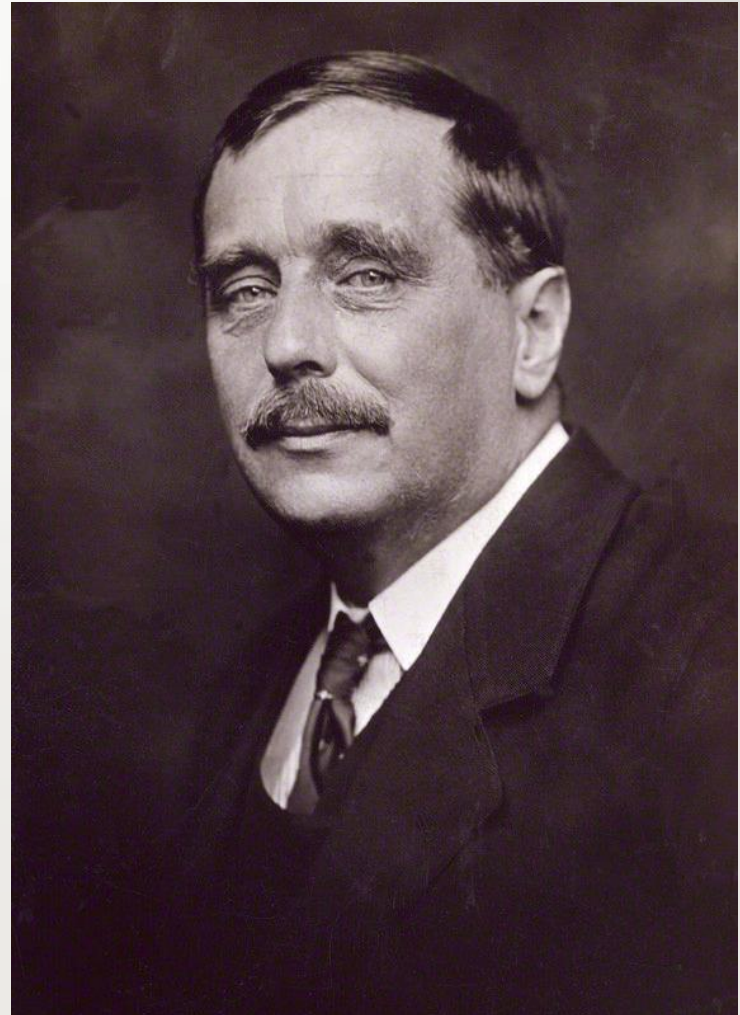
**COST**

**ACCESS**

**QUALITY**

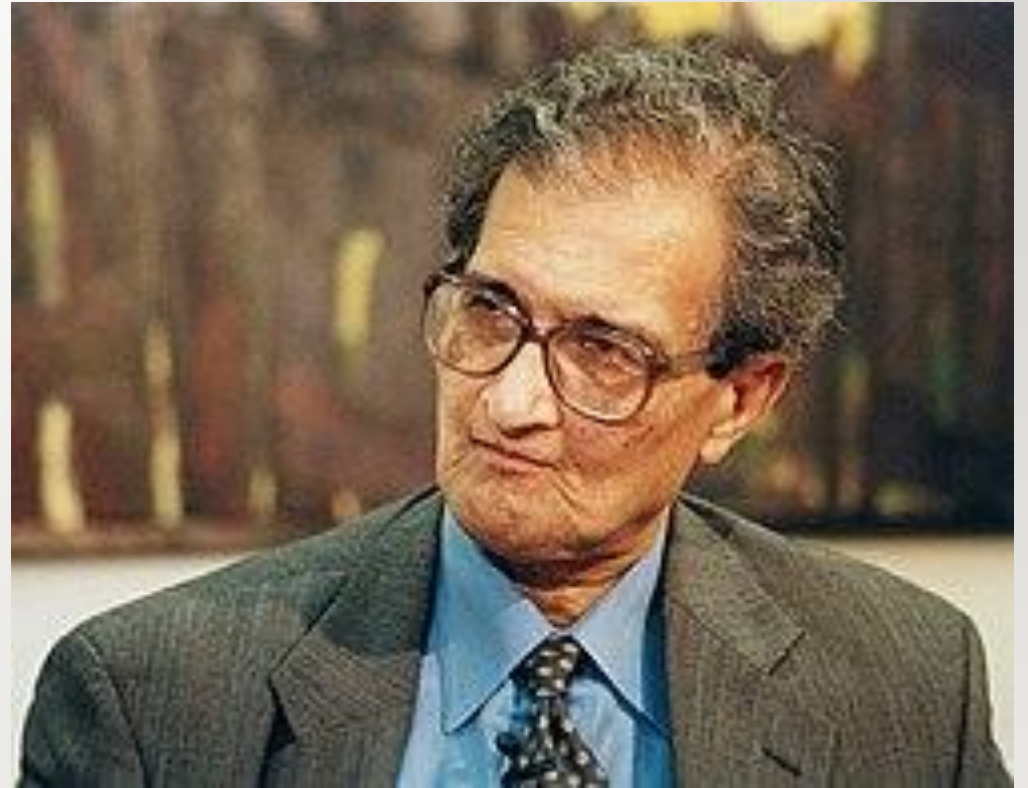
**"Human history  
becomes more and more  
a race between  
education and  
catastrophe."**

- H. G. Wells (Outline of  
History)



**If we continue to leave vast sections of the people of the world outside the orbit of education, we make the world not only less just, but also less secure.**

**- *Amartya Sen***



Source: Amartya Sen's Speech at Commonwealth education conference, Edinburgh, 2003

**Monopoly controls  
have been the  
exception in free  
societies; they have  
been the rule in  
closed societies.**

**- *Lawrence Lessig***



“Freedom has a  
thousand charms to  
show, That slaves,  
howe'er contented,  
never know.”

- William Cowper



# CONCEPT OF OER: A BRIEF HISTORY



**UNESCO: 2002, OER  
Concept**

**UNESCO: 2012 OER  
Congress, Paris OER  
Declaration**

**UNESCO: 2017  
OER Congress, Ljubljana  
OER Recommendations**

Open Educational Resources (OER) are learning, teaching and research materials in any format and medium that reside in the public domain or are under copyright that have been released under an open license, that permit no-cost access, re-use, re-purpose, adaptation and redistribution by others. [RECOMMENDATION CONCERNING OPEN EDUCATIONAL RESOURCES (OER) 40 C/32 Annex – page 2]

# What is Open?

- It's about open license used to share educational material
- No permission required as long as the open license is respected



## 5R

1. **Reuse**  
(copy verbatim)
2. **Revise**  
(adapt and edit)
3. **Remix**  
(combine with other materials)
4. **Redistribute**  
(share with others)
5. **Retain**  
(make, own and control copies)



# Open Licenses

Most Open



Least Open



PUBLIC DOMAIN



BY



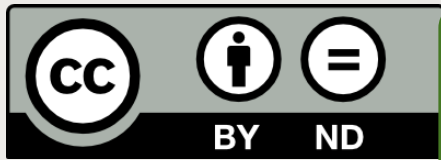
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BY NC



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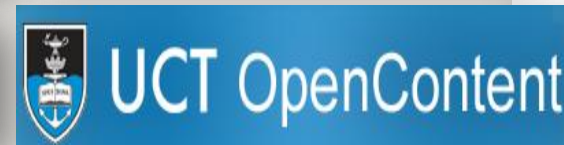
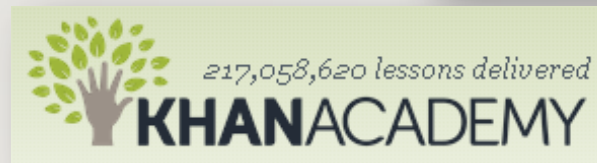
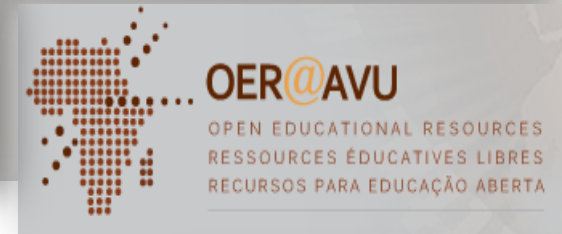



BY NC ND

Open Educational Resources

Not OER







# WHY to Create and Use OER?

# COST TO COPY

For one **250 page book**

- Copy by hand - \$1000
- Copy by printer - \$4.90
- Copy by computer - \$0.00084

Source: David Wiley  
Brigham Young University



# Cost to Distribute

For one **250 page book**

- Distribute by mail -  
\$5.20
- Distribute by Internet  
- \$0.00072

Source: David Wiley  
Brigham Young University



Adapted from: <http://www.slideshare.net/cgreen/sloan-the-obviousness-of-open-policy>

*One of the benefits of being explicitly “open” is that it removes the need for people to ask before re-using stuff. Without it, everything boils down to “am I allowed to do this?” type question and many forms of re-use will stop at that hurdle because the costs of getting the answer are too great*

- Andy Powell comment on David Wiley’s blog

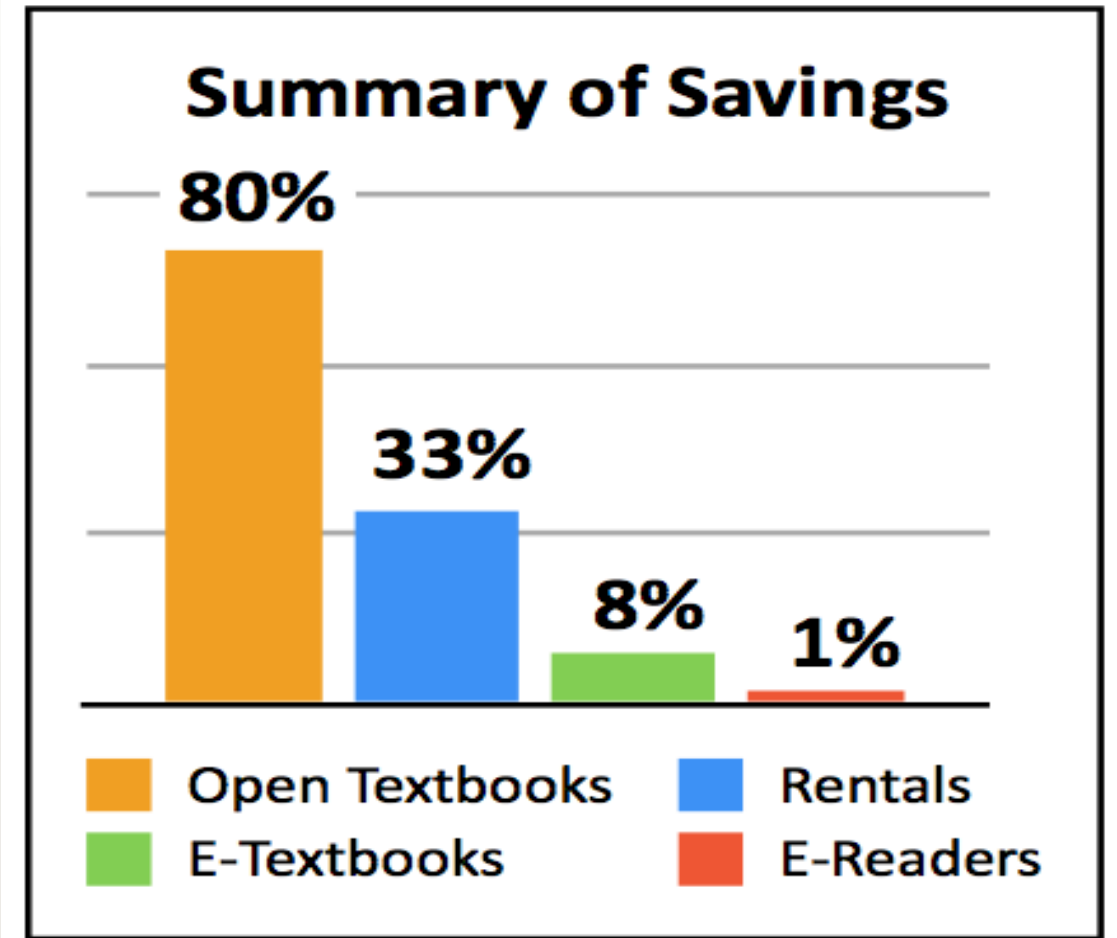
<http://opencontent.org/blog/archives/1735>



# WHY to Share OPENLY?

## - Sharing Openly is Good!

- Education is usually public money
- Transparency and accountability
- Equality of access
- Increased utility
- Increased applications and better retention
- Recent research: It turns out students do use OER and it does save time and money



Source: Allen, N. (2010). *A cover to cover solution: how open textbooks are the path to textbook affordability*. Center for Public Interest Research, Chicago, IL. 2010.



# 50-80 Savings

# KEY BENEFITS of OPEN SHARING

## Learner-generated Content

- new ways of co-constructing ideas
- knowledge created, targeted and shared (Conole, 2008)

## Online Collaborations

## Partnering

## Self Production/Publishing

## Individualisation

No one-size-fits-all textbook or curriculum

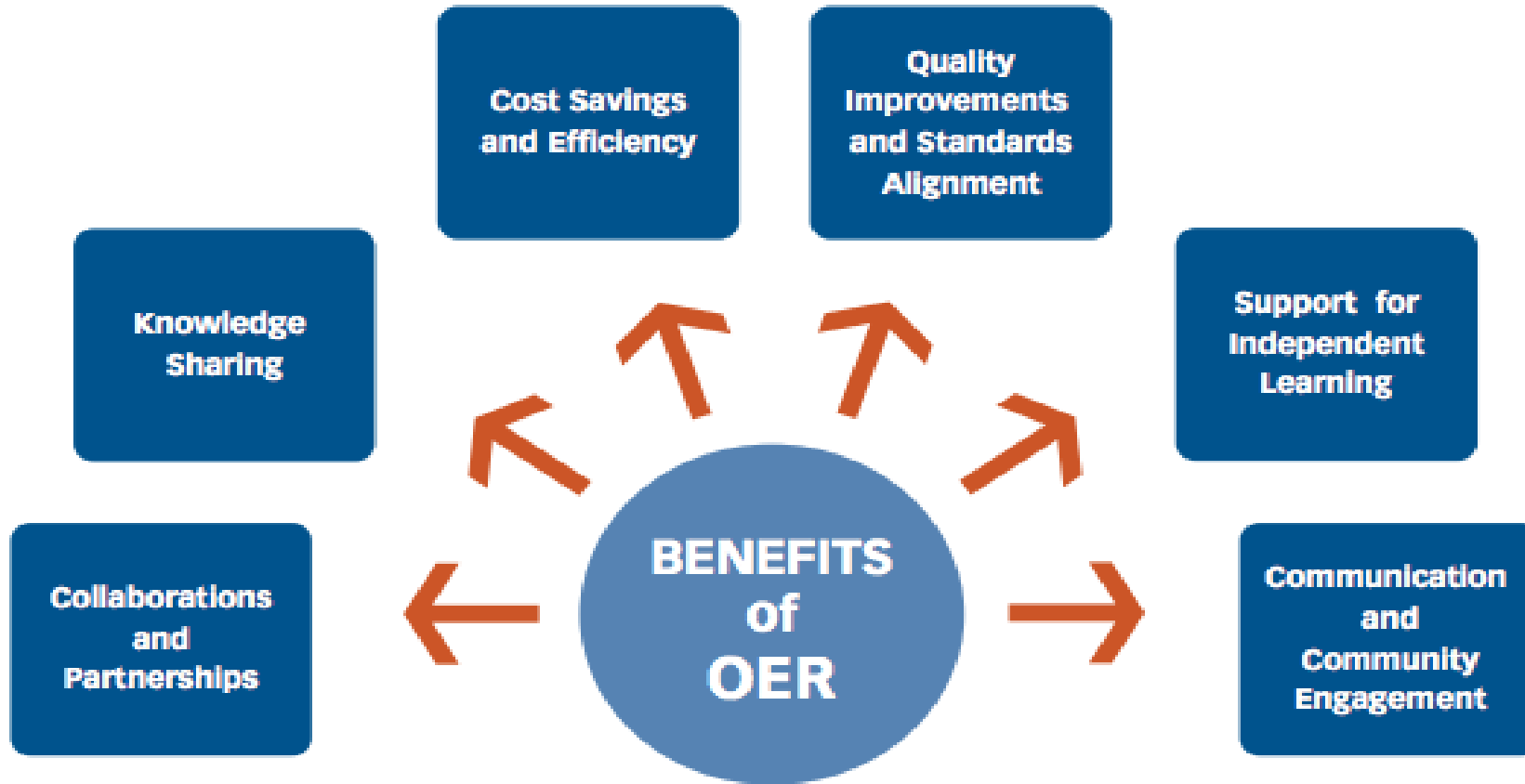
## Mass Participation

## Archives

OER can provide a web-based, viewable, re-usable record of quality educational materials



# OER for Inclusive Learning



# Strategies for Mainstreaming OER

- **Top-down/Leadership:** Institutional policies/strategies
- **Bottom-up/Supportive:** Through awareness build-up/training
- **Inside-Out/Human focused:** Change management system

Coronavirus Feb 17

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## China's students will now study online because coronavirus has shut schools



# THANKS!

*Together we go far for sure .....*



**Professor Mostafa Azad Kamal**  
01911319248, [mostafa\\_azad@yahoo.com](mailto:mostafa_azad@yahoo.com)

# Discussion

