MOOC arises from Online Learning

- Online Learning needs an access device
  - A desktop/laptop computer
    - Tablet/smartphone
  - AND A network
Open Educational Resources precede MOOC

- OER- a movement today, creating a new public good from quality teaching
- MIT launched Open CourseWare (OCW) in 2000
- OCW inspired OER, defined by UNESCO, 2002
OER as a global movement

- UNESCO 2002
- UNESCO 2007
- COL UNESCO World OER Congress 2012
- Millions of dollars in funding
  - Hewlett Foundation, for example
  - Institutional and public funds, increasingly
Who are the big players?

- USA (OCW, Connexions, Merlot - examples)
- China (China Advanced Course)
- UK (UKOU)
- India (NPTEL)
- Nigeria (NOUN)
- Pakistan (VUP)
OER in the Commonwealth

Top Producing Countries

- UK: 1400
- India: 1064
- Nigeria: 791
- South Africa: 267
- Pakistan: 149
- Canada: 83
- Malaysia: 67
- New Zealand: 41
- Ghana: 41
- Australia: 27
- Malawi: 3
- Trinidad and Tobago: 3
- Singapore: 3
- Tanzania: 1
- Uganda: 1
- Zambia: 1

MOOC on MOOC
OER in the Commonwealth

Top Publishers

<table>
<thead>
<tr>
<th>Institution</th>
<th>OER Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Open University of Nigeria (NOUN)</td>
<td>791</td>
</tr>
<tr>
<td>National Programme on Technology Enhanced Learning (NPIEL)</td>
<td>695</td>
</tr>
<tr>
<td>The Open University (OUUK)</td>
<td>510</td>
</tr>
<tr>
<td>University of Cape Town</td>
<td>181</td>
</tr>
<tr>
<td>National Council Of Educational Research &amp; Training (NCERT)</td>
<td>180</td>
</tr>
<tr>
<td>Wikibooks</td>
<td>151</td>
</tr>
<tr>
<td>Virtual University of Pakistan (VUP)</td>
<td>149</td>
</tr>
<tr>
<td>Tamilnadu Textbook Corporation</td>
<td>148</td>
</tr>
<tr>
<td>Gresham College</td>
<td>107</td>
</tr>
<tr>
<td>University of Oxford</td>
<td>92</td>
</tr>
</tbody>
</table>
OER in the Commonwealth

Top Subject Tags

- Mathematics: 211
- Teaching & Learning: 211
- Physics: 155
- Science & Technology: 141
- Chemistry: 131
- History: 130
- Mechanical Engineering: 121
- Statistics: 114
- Computer Science & Information Systems: 110
- Primary Education: 104
OER was not enough

- To make an impact in socio-economic terms
- MOOCs partly arose in response
- Bigger reason:
  - Is MOOC a way to reduce cost of higher education in USA?
  - Student indebtedness- $1000 Billion (2013)
  - Serious differences in opinions, controversies
MOOC for Development

- Rapidly emerging new approach and practice
- Focus on Human Development oriented topics
  - Impact potentially is immediate, near-term
- Skills Development
  - Serious need in all countries, causing questions about HE viability
- Can MOOCs rise in answer?