



COMMONWEALTH *of* LEARNING

Bridging the technology gap: the case of the missing content

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18 CCEM
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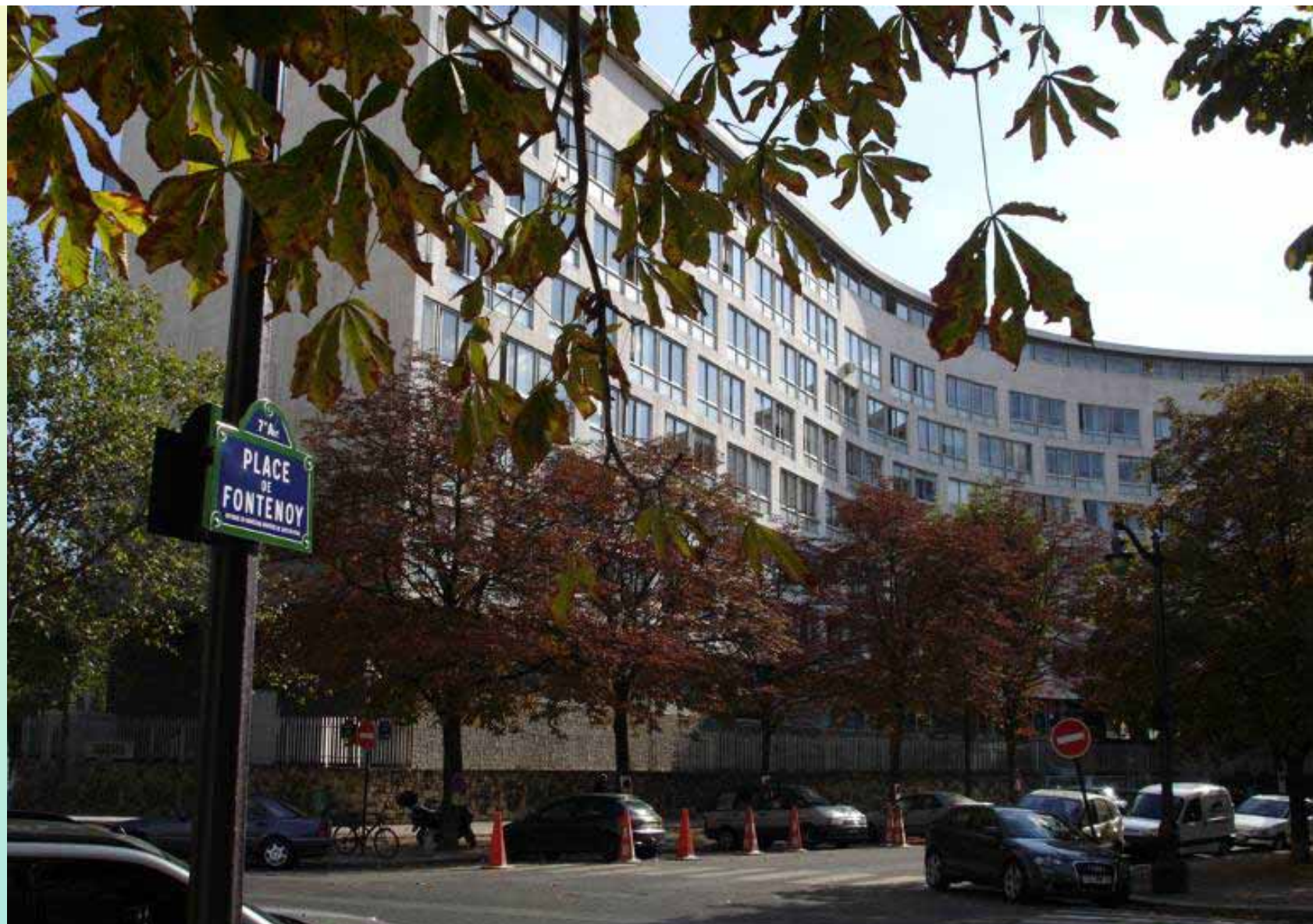


- *‘...what is missing is not devices but the lack of content development.’*

UN Millennium Project, Taskforce on Science
Technology and Innovation, 2005

- *‘...the lack of content ...[is] the major barrier[s] that governments need to tackle....’*

*The world telecommunications/ICT Development report,
ITU, 2010*



UNESCO HQ Paris

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



What are Open Educational Resources (OERs)?

Materials that are

- Free and freely available
- Suitable for all levels of education
- Reusable
- Digital or any medium



Access: Malawi

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



Access: translation

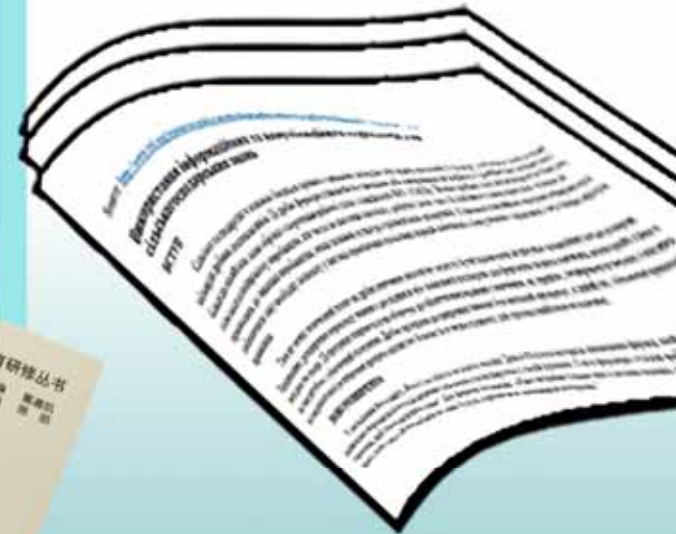
CORE



COL ID template
translated and adapted by
Open University of China



COL materials in
Ukrainian



Access: open schooling



Ministries
of Education



Schools

Teachers

Consultants

Quality



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

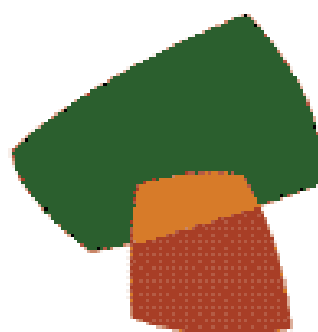


Maya Devi
Educational Foundation



Costs: \$10 per teacher

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



TESSA

Teacher Education in Sub-Saharan Africa



Costs: OERU

- Athabasca University
- Otago Polytechnic
- University of Southern Queensland






James Taylor




Students awarded credible degree or credential




Participating Institutions grant credit for courses




Open assessment from participating institutions



Open student support via "Academic Volunteers International"



Learners access courses based solely on OER



The OER university concept. Adapted from Taylor (2007)

this document:



PROGRAMME



United Nations
Educational, Scientific and
Cultural Organization



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

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



Paris Declaration

Implications for Pedagogy

(Meta-analysis by Bernard et al.)

Student <> Content # 1

Student <> Student # 2

Student <> Teacher # 3

Can Open Educational Resources thrive in closed educational settings?

WHAT IS THIS OER?



Gap: curriculum





Gap: involvement of stakeholders

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





Thank you
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