Open Nottingham

Knowledge without borders

Steve Stapleton, Project Manager
Making Open Educational Resources (OER) available on multiple platforms: U-Now, iBooks, eBooks

self publication case study
Where open resources are ‘born’ digital, are eBooks seen as attractive alternatives and how much do they broaden access?
• U-Now – OCW/OER
  – Launched U-Now in 2007
  – Member of OCWC 2008
  – HEA/JISC funded through BERLiN project 2009/10

• Open Nottingham 2010
  – Open learning publication
  – OER discovery & reuse
  – Open source tools
  – Open iBooks/eBooks
Social Responsibility: “Expand our U-NOW open courseware initiative, which provides an opportunity for sharing knowledge widely to increase learning opportunities for those who, for whatever reason, are unable to undertake formal qualifications” (pg 46)
Why are we Open?

- Social responsibility
- Excellence in education
- Promotional opportunities
- Internationalisation
- Cost efficiencies
What support does it have?

- Senior Support, Vice-Chancellor, Pro-Vice Chancellor, Director of Teaching and Learning
- All Academic boards
- Various Teaching and Learning committees
- Opt-in, schools can pilot or provide as much content as comfortable
Publishing OER

Growing number of schools engaging
Mature publication model
Traditional OER
OER traditional publication models

Stored in Equella Digital Repository, Delivered through U-Now

RSS pushed out to MIT OCWC, OER Commons, Xpert

Manually made available in Jorum, MERLOT

OER model is built around the institution retaining the copyright of the materials (+ no embargoes + no APC’s)
OER as iBooks / eBooks

Enabling Sustainable Practice
Sustainability OER

Created 10 x 10 credit modules on sustainability from different subject perspectives

Content written by Nottingham academics + reused existing OER where possible (+400)

Released them through our traditional OER route and also converted some into open eBooks
6.1 Environmental Impacts of buildings:

The concept of Life Cycle Analysis was introduced in Chapter 3. Figure 6.1.1 looks at the Life Cycle Analysis of a building, including the inputs and outputs of the various stages of the materials used for building's life cycle.

(Source Bradley [see reference 7]) Figure 6.1.1 sourced from ORBEE under a Creative Commons Licences Attribution-Non Commericial-Share Alike http://www.orbee.org/teaching-learning-resources.html?view=oerareas&expand=3%3A25
Created 4 iBooks from the OER materials and released them as free downloads on the Apple store. (iBook author software used)

Published by: The University of Nottingham (ISBN allocated)

We used CC licenced images to ensure strong presentation of materials. This shows how OER can drive up quality.
Released the titles in 2 parts

A search for ‘sustainability’ in the iBook store returns our engineering title as the most downloaded + a number of them in the top 10.
CHAPTER 1
Introduction

There is growing recognition across business that the reduction of the "waste that is not\nbeing profit" from the social and environmental impacts of economic activities will not\nresolve the ongoing environmental, social and economic problems\nnow faced by the global community. Ever greater\nnumbers of boards and CEOs are grappling with a notion\nthat sustainability can be a competitive advantage for their business.

Example iBook Pages

Figure 2.3 Present day global water use and distribution

Figure 2.4 Show distribution. Many areas are in scource of water, and it is a problem to them. Even water that is not contaminated is still not accessible to people. The water use is higher in rural and Global. 19% of the population doesn’t have access to water. This is due to the lack of water supply and sanitation. Many systems are not able to provide fresh water. In the developing world, the lack of access to water is highly problematic for people. In some cases, people have to travel long distances to find water. Energy design, deriving heat and\ncooling from energy produced by the on-site lake and 450m of solar PV cells. Furthermore, new buildings at the Jubilee Campus Extension (see image below) and the Sir Colin Campbell Building (see image below) exceed stringent building regulations and have a carbon footprint that is 55% lower than average, thanks to innovations such as clever insulation and solar-controlled glass.
We also created eBook versions to ensure availability across multiple platforms and multiple devices + added a fifth title.
nomic and social could be represented. For instance, in a more developed form of the figure, ‘technical feasibility’, ‘political legitimacy’ and ‘institutional capacity’ could also be included. However, throughout this module, you will see that these three components of sustainability will be referred to routinely.

Figure 1.1: Sustainable development: where ecological, economic and social aspects overlap.

It should slowly become evident...
OER resource converted to .Doc file.

.Doc edited to suit desired formatting.

Graphs redesigned where needed for B&W Kindle display. Tested on Kindle through conversion to .mobi format (KDP).

Reduced amount of imagery to suit Kindle display…in direct contrast to iBooks.

.Doc uploaded to Smashwords and made available through ‘meatgrinder’ into multiple formats:
- ePub
- Mobi
- PDF
- HTML
- RTF

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The Mayan Calendar Saga: Get Your Crazy On
By Anonymous

Description
If you think its worth sharing, please share it.
Impact: Downloads

- OER: 70.5%
- eBook: 25.5%
- iBook: 4%
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steven.stapleton@nottingham.ac.uk