

Open Educational Resources: Overview

JISC Digital Content Conference 1st July 2009

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<http://ie-repository.jisc.ac.uk/353/>

- What 'OERs' are in the context of open access and open content
- What are the emerging approaches (e.g OER programme, OpenLearn, Jorum)
- What are the key issues and challenges

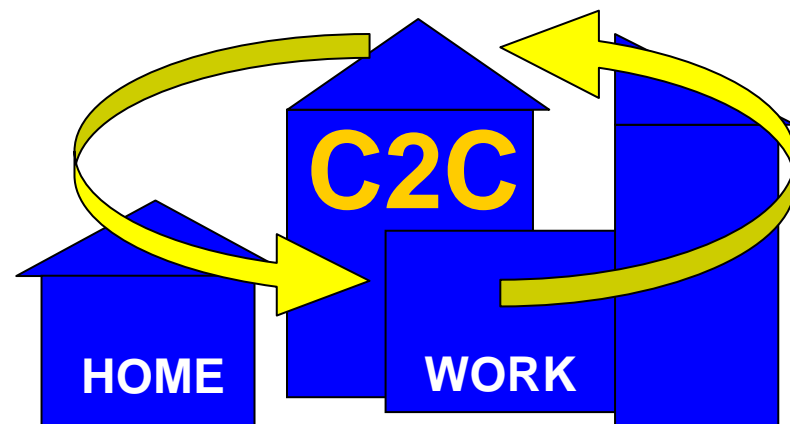
Learning materials: push from private to shared inside the institution

c2000-2006 – dates are debatable!



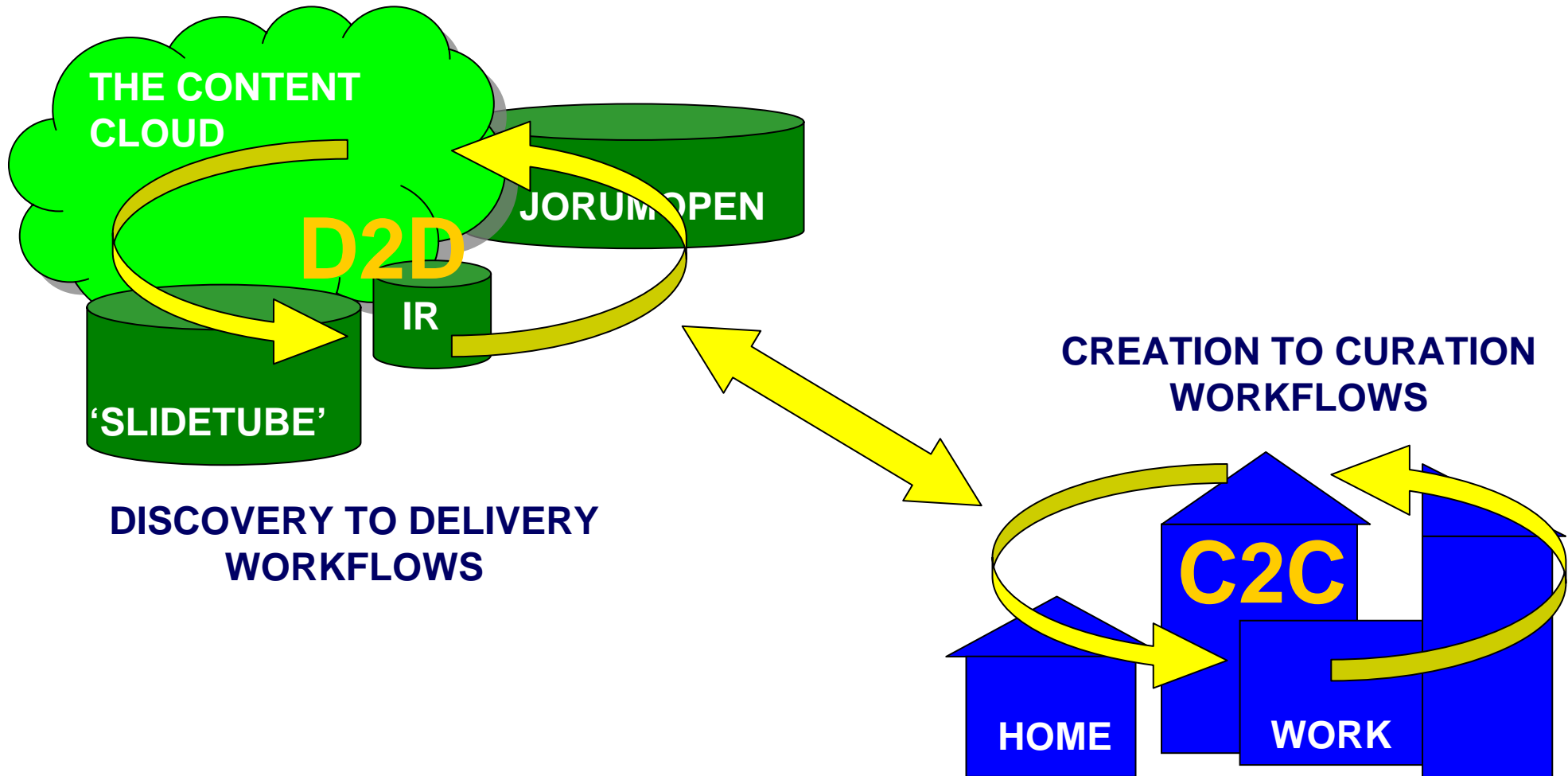
Web2.0 ethos and practices
particularly
creative commons licenses

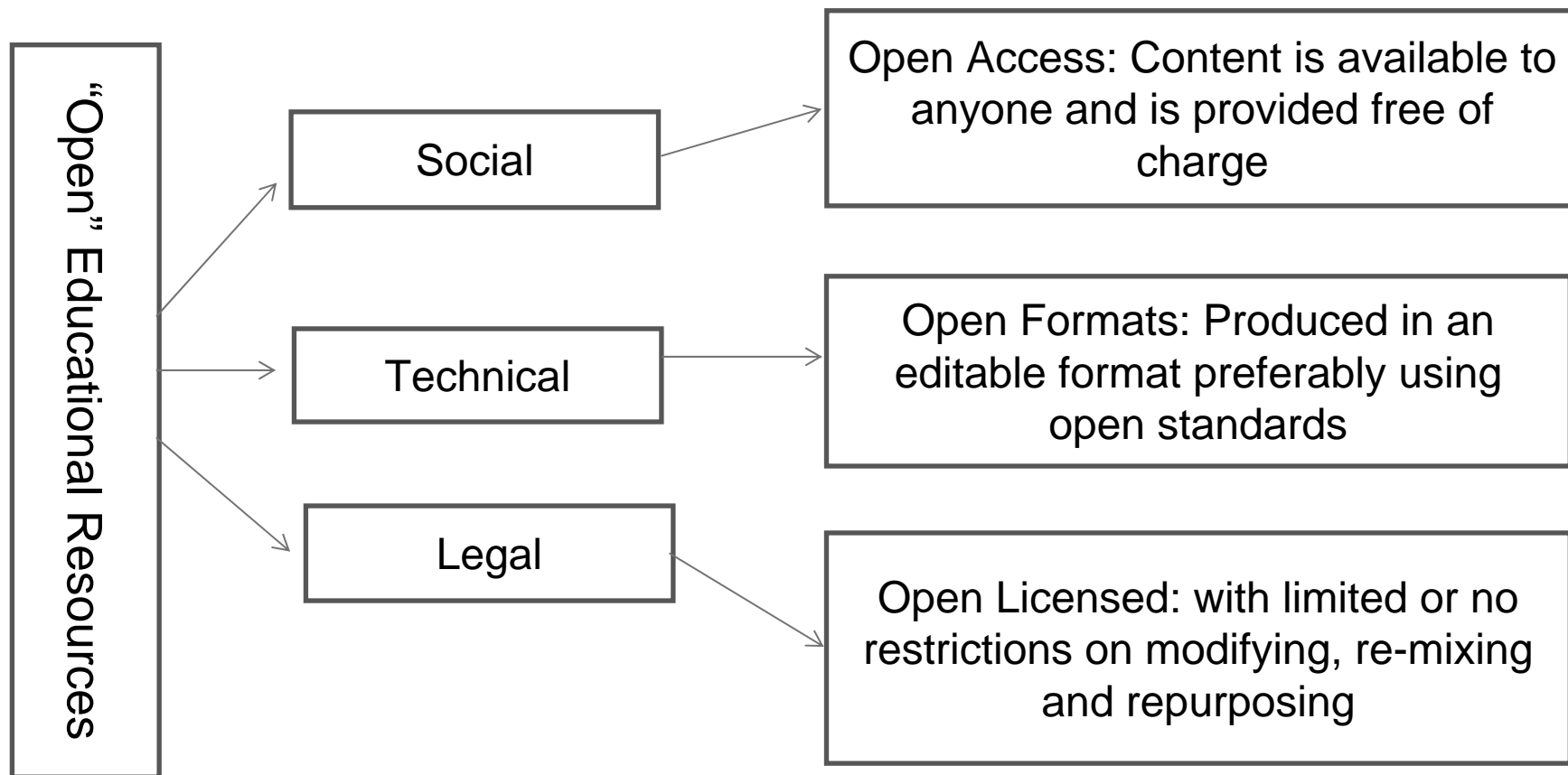
CREATION TO CURATION WORKFLOWS



Virtual Learning Environments ... +
Some subject/community-based sharing

Learning materials: push from inside to outside





Acknowledgements to Lorna Campbell, Sheila MacNeill & Li Yuan (CETIS)

“...digitised materials offered freely and openly for educators, students and self-learners to use and reuse for teaching, learning and research.”

Giving Knowledge for Free: The Emergence of Open Educational Resources

Organisation for Economic Co-operation and Development (OECD, 2007)

- 1998 - Open Content Initiative
- 2000 - UNESCO conference
- 2001 - Wikipedia
- 2002 - MIT OpenCourseWare [UK]
- 2002 - Creative Commons
- 2006 - OU OpenLearn [UK]
- 2007 - Cape Town Open Educational Declaration
- 2009 - HEFCE/JISC/Academy OER (Pilot) Programme

(Adapted from Yuan et al (2008), <http://jisc.cetis.ac.uk/oerbriefing>)

■ Wikiversity

9,355 learning resources, all levels, types, and styles of education.

■ Curriki

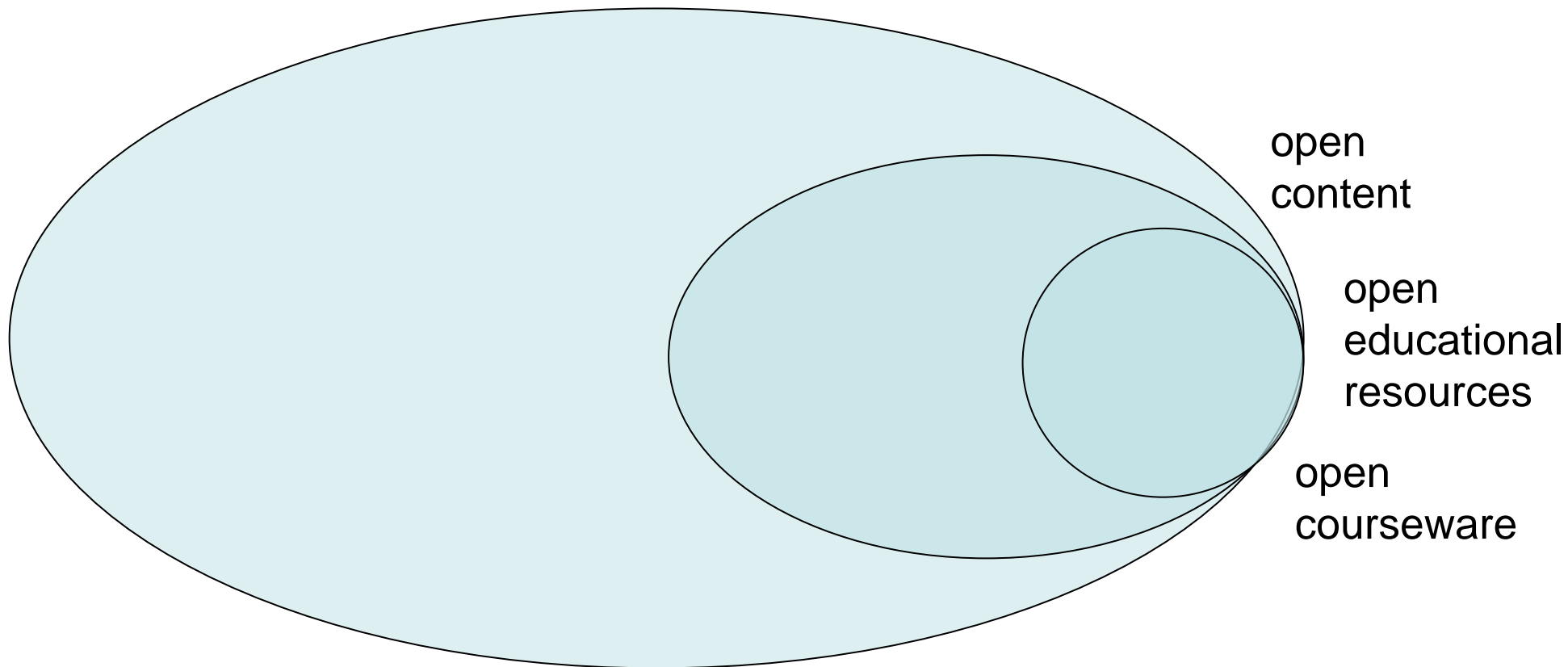
The combination of 'curriculum' and 'wiki', a community of educators, learners, and experts

■ GLOBE

Making online learning resources available to educators and students around the world.

Acknowledgement: Yuan et al (2008), <http://jisc.cetis.ac.uk/oerbriefing>)

Open Content > Open Educational Resources > Open Courseware



subject
14 projects



institution
7 projects

JISC

individual
9 projects



JISC

Programme Management



support function – covering technical, legal, strategic advice, workshops, support for deposit and aggregation of materials, communities of practice.
Based around existing JISC services & **OU “SCORE” project.**

OER infokit – a “how to” guide for future work

evaluation & synthesis function

one year programme – HEFCE-funded; managed by JISC & the Higher Education Academy.

- 3 strands of funding over 12 months:
 - **Institutional** projects: 7 @ up to £250k per project
 - **Subject consortia**: 14 @ up to 250k per project
 - **Individual** projects: 9 @ up to £20k per project
- 30 pilot projects in all
- Over 80 institutions involved in OER Programme

Aim is that the funded projects will ...

- Release a significant amount of resources ‘openly’
- Prompt change and clarity in institutional policies about online learning resources.
- Adapt processes and policies to ensure release is sustained
- Act as a pilot to inform the design of a next (and larger) phase of the OER Programme
 - offering value for money to the UK HE sector.
 - promoting a positive profile for institutions and the sector worldwide
 - test a “business model” for open release
- contribute to understanding of practicalities of open release in different contexts

- Projects must publish materials via:
 - Open institutional repositories
 - Web 2.0 services
 - Institutional websites
 - And Jorum
 - And all must have an exposed RSS feed

- The OER Pilot Programme does not mandate:
 - the use of one single platform to disseminate resources
 - a single metadata application profile to describe contentBut ... projects do need to ensure that content can be:
 - Found / Used / Analysed / Aggregated / Tracked
- Only mandated metadata are:
 - Programme tag – “ukoer”
 - Title / Author [owner, contributor, from user profile] / Date / URL
 - Technical info – file format, name & size
- Projects should use appropriate standards for sharing complex objects:
 - e.g. IMS Content Packaging, IMS Common Cartridge, OAI ORE
 - e.g. IMS QTI for assessment items
- Platforms should be capable of generating RSS/Atom feeds
 - particularly for collections of resources e.g. YouTube channels

tag: ukoer



- It's about releasing existing content (not about digitisation or content creation)
- It's about culture change
- It's about sustainability
- Support provided on management of IPR/Copyright , and on usability, accessibility and design, but we want projects to do their own learning

It's a pilot!

- Encourages bold, innovative experimentation: different approaches / use of variety of platforms
- but*
- Need to register description and location of content with Jorum
 - Need to track use of content
 - Key role for Jorum and for *ukoer* tag

Pick your flavour!

<http://www.jisc.ac.uk/whatwedo/programmes/oer>

<http://www.heacademy.ac.uk/ourwork/learning/opencontent>



learning about the ukoer content cloud

what architectures and aggregations will we need?

how useful is content packaging outside specialist systems?

rich metadata: is it worth the effort?

what responsibility do we have for preservation?

is “good enough” good enough?

View from the Mountain Blauen Napoli Centrale
<http://www.flickr.com/photos/28329597@N06/3003554075/>

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