



Radical openness, incremental design: Maximising the reach of OER capacity development through open principles

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Low cost, low risk but high impact innovation

Radical openness Incremental design



The story of a course...

Startup ▾

Course guide ▾

Interactions ▾

Learning pathways ▾

Assessment ▾

Open education, copyright and open
licensing in a digital world

OER Foundation and the OERu



OER Foundation - a leader in open education

- WikiEducator - platform for collaborative OER course design
- OERu:
 - International network of 40+ institutions in 7 global regions
 - Offers freely accessible 1st-year post-secondary courses, assembled entirely from OER
 - Provides free online personal learning environment using open source technology

Course evolution



2011

Development of OCL4Ed
Open Content Licensing for Educators

By 2014

6 cohorts of OCL4Ed facilitated;
3000+ learners across 90+ countries

2015

Development of LiDA
Learning in a Digital Age as 4 micro-courses

2018

First MoU for transnational credit transfer

2019

Digital badges and certificates introduced

LiDA wins Commonwealth of Learning Award for 'Excellence in Distance Education Materials'

2021

Course gains NZQA equivalency

Confidence and Motivation



Adoption and adaptation



- Otago Polytechnic, New Zealand
- Western Pacific University, Papua New Guinea
- OEGlobal
- DS4OERS course, Pacific Islands
- UNESCO / ICDE initiative

'Opensourcing' education



Radical openness - we open source everything

1. Free and Open Source technology infrastructure
2. Transparent planning (Release early and frequently)
3. Iterative design (Rough consensus - running code)
4. Solutions for collaborative course development (Robust version control)
5. Design for reuse and remix (component -based)
6. Share technical recipes (Helping your neighbor)

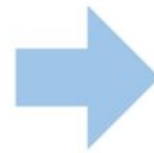
Open authoring ecosystem



Author on WikiEducator



1



Outline of wiki pages

- Planning a project
- Startup
 - Start here
 - About
- Course guide
 - Overview
 - Course aims and learning outcomes
 - Syllabus & Learning challenges
 - Recommended resources
 - Project Management Software
 - Learning journal

2

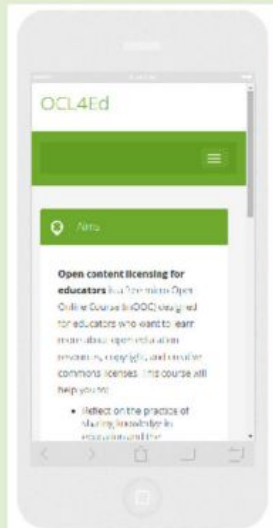


Request snapshot

3



Publish course web site



4

Learner-facing 'Tech Wheel'



Advantages for learners



Our NGDLE has multiple advantages for learners

- Ability to navigate own way through their learning
- Development of self-directed skills
- Cost savings (e.g. textbooks)
- Variety of dynamic, open materials (potentially in different languages)
- All courses are 'mobile-friendly'
- Enables lifelong learning
- Learners
 - control their own data during *and after* study
 - are never forced to waive rights to use technology (no 'I ACCEPT')

Building individual capacity



Opportunities for teaching staff and learning designers include

- Identifying, modifying, and developing resources
- Building digital literacy skills including
 - wiki writing
 - web writing
 - using FOSS tools
 - finding open content
- Understanding open licences and the use of OER
- Embracing opportunities for collaboration and innovation
- Experiencing and applying 'free-range learning'

Building institutional capacity



1. Unprecedented savings in cost of cloud-based technology infrastructure - \$9,000 serving +200K learners per year
2. Low cost, low risk but high impact innovation for partner universities

Over to You...



How else can radical openness support open education?