

**ECIL, October 2014,  
Dubrovnik**

# **If You Build it They Will Use: Creating and Sharing Open Educational Resources to Advance Information Literacy**



**Philip Russell**  
**Deputy Librarian**  
**Institute of Technology Tallaght**

# Agenda

- Background / Context
- OER Development
- Sharing OERs
- Future Directions

# Background

- Institute of Technology Tallaght (ITT Dublin)
- Range of courses / 4500 FTEs
- IL & OER strategic focus:
  - Strategic Plan (2009-2014)
  - Learning, Teaching & Assessment Strategy (2011)

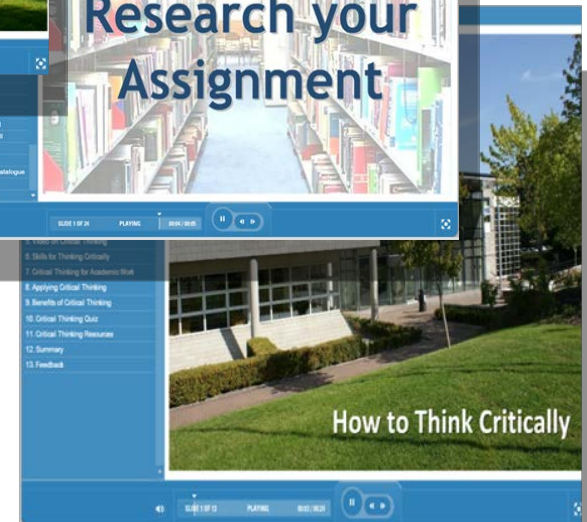
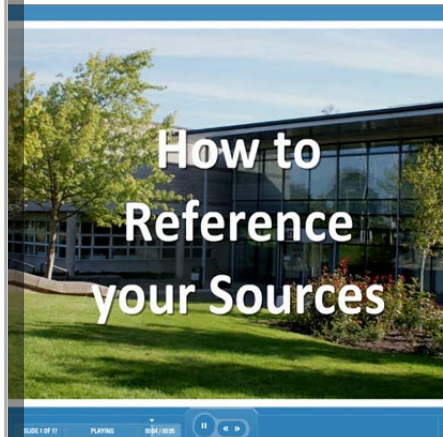


# What are OERs?

**“Open Educational Resources (OERs) are any type of educational materials [...] that anyone can legally and freely copy, use, adapt and re-share [...] OERs range from textbooks to curricula, syllabi, lecture notes, assignments, tests, projects, audio, video and animation.” (UNESCO)**



# ‘How To’ Online Tutorials



# OERs to Advance IL

- May 2010 - aimed at undergraduates / postgraduates
- Self-paced / interactive / 24x7
- Research, critical thinking, academic integrity, referencing, academic skills
- Original resources
- Sustainable / reusable under Creative Commons



# Planning – ADDIE Model

Analysis

Design

Develop

Implement

Evaluate

# Instructional Design

- Biggs' Model of Constructive Alignment (1999)
  - generic learning outcomes
  - learning activities
  - assessment methods
- Active learning / range of learning styles





# Content Design

- Detailed storyboarding
- Sequenced learning structure / self-paced
- Use of visuals / logo
- Language / consistent font / bullet points
- Accessible



# Development Tools



- OERs created with Articulate Studio 09
- Engaging content / quizzes
- Non technical / easy to use functionality
- SCORM compliant

# Launch of OERs

- September 2010 - extensive usability testing / feedback / piloting
- SCORM (sharable content object reference model) 1.2 compliant
- W3C AAA (Web Content Accessibility) Guidelines 1.0
- Creative Commons Attribution-Non-commercial-Share Alike 4.0 International licence
- Available via multiple delivery platforms (website, institutional repository, VLE)

# Implementation



- Tutorials embedded into academic modules via Institute VLE – Moodle
- Quizzes facilitate grading / assessment
- Blended approach – face to face / online



- Learning to Learn

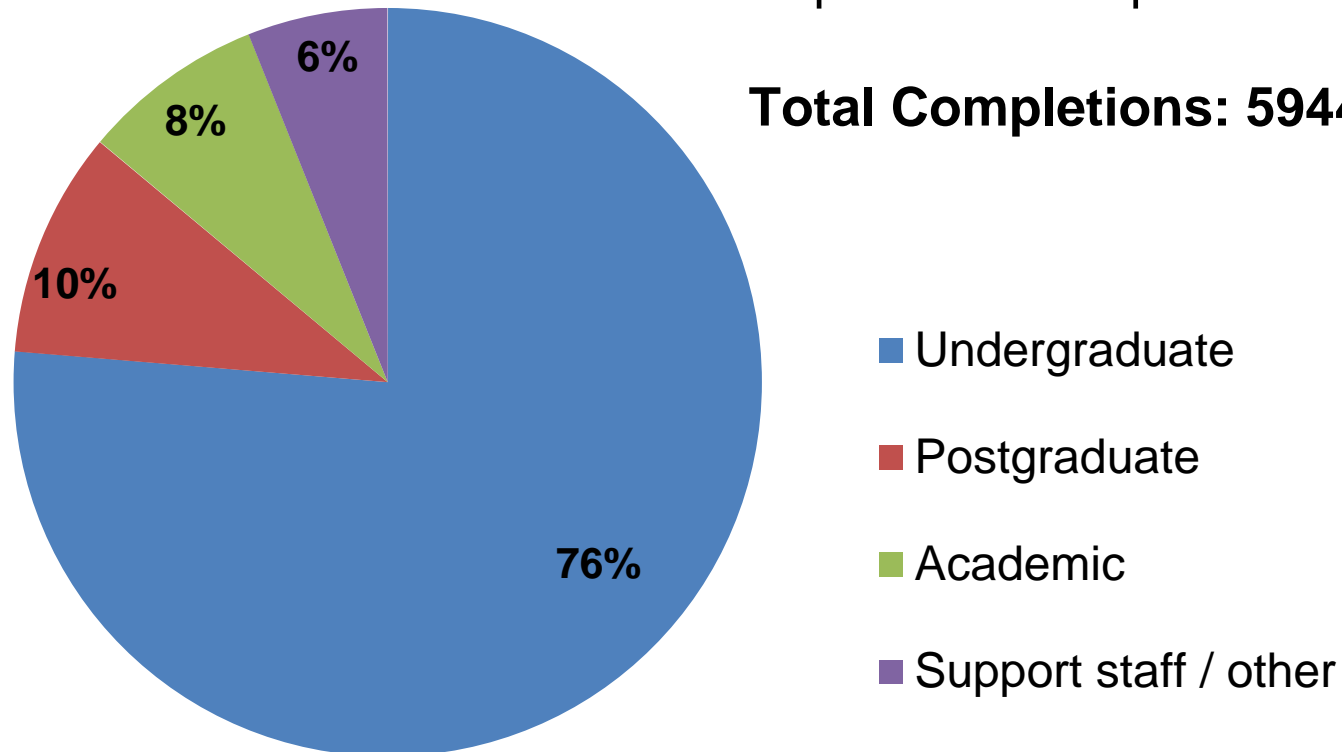
- compulsory 1<sup>st</sup> year module
- IL explicit learning outcome

- September 2014 – OERs embedded in over 50 academic modules

# OERs Usage

Sept. 2010 – Sept. 2014

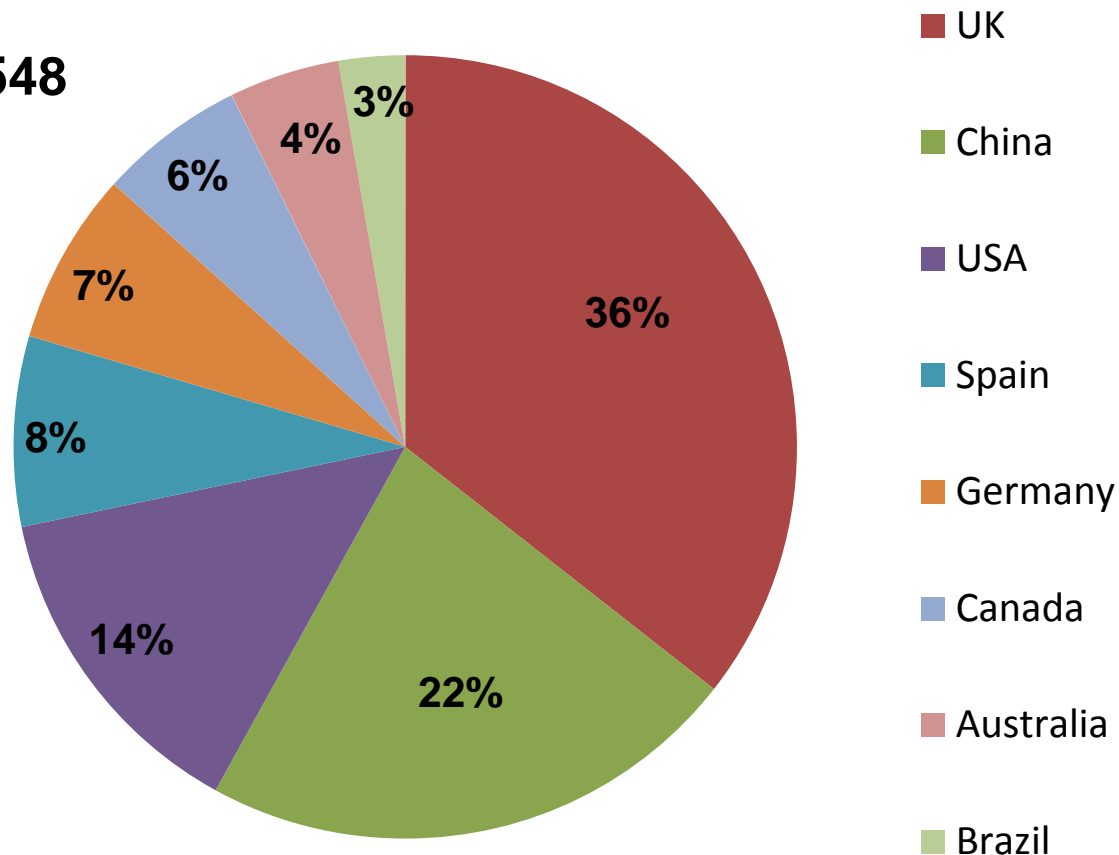
**Total Completions: 5944**



# OERs - Usage by Country

Sept. 2010 – Sept. 2014

**Total Completions: 548**





# Evaluation Methods

- SurveyGizmo
- VLE/Google Analytics
- Focus Groups
- Online Repositories



# Feedback



## Students

- Improved IL competencies
- Independent learning
- Transition into higher education

## Staff

- Enhanced course content
- Accessibility of resources
- OER advocates

# Students' Comments

“Great tutorial - very good explanation of plagiarism and how to avoid it. Thought the quiz was very useful - meant I could check that I understood the material in the tutorial.”

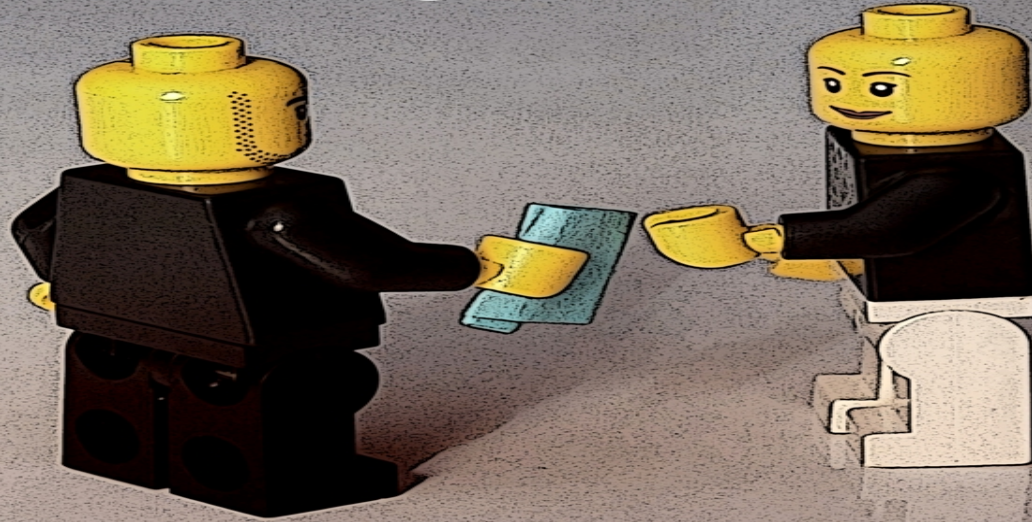
“As a new student this online resource has made my introduction to college a lot easier, and helped me with my studies. I feel that I am more likely to succeed now at all levels of my course”

“An excellent learning resource – but please add some audio for students with reading difficulties, video content would also be of help.”

# Value of OERs



# Share knowledge



- Institutional repositories / national learning object repositories
- Conferences, seminars, workshops, professional networks
- Publications



# OER Repositories

## Information Literacy Resources - to be sure!

Posted by Louise Egan on 17th March 2014



## JORUM

To coincide with March being the month of **St. Patrick** and all things Irish, Jorum is delighted to present 5 **Featured Resources**. These Information Literacy resources have been created at the **Institute of Technology Tallaght** in Dublin (ITT Dublin). Include online tutorials created by the ITT Dublin covering **research, referencing, plagiarism** and **core academic skills**. The **fifth**, another Irish University, University College Dublin (UCD), has re-purposed one of ITT Dublin's originals. Author **Jenny Collier** of ITT's Plagiarism resource to create a new OER for plagiarism:

*I selected the IT Tallaght Plagiarism Tutorial as it was simple and comprehensive. UCD*

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## September 2013 Site of the Month

**September 2013 Site of the Month**  
 "How To" Online Information Literacy Tutorials  
<http://millennium.it-tallaght.ie/screens/tut.html>  
**Author:** Philip Russell, Deputy Librarian  
**Interviewee:** Philip Russell  
**Institution:** Institute of Technology Tallaght (ITT Dublin), South Dublin

## Online Literature Review Tutorial

## NDLR

**Information literacy, academic teaching and learning support**

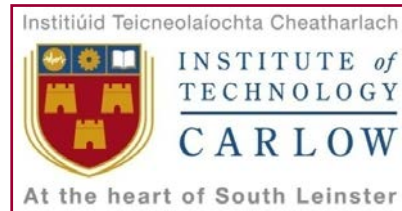
Institute of Technology Tallaght  
[www.ittdublin.ie](http://www.ittdublin.ie)



**Participant(s)** Philip Russell

**Description** The aim of this project is to introduce all students to the literature review concept and provide them with an understanding of how to write up the literature review through the design and development of an online learning tool

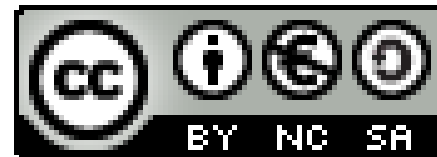
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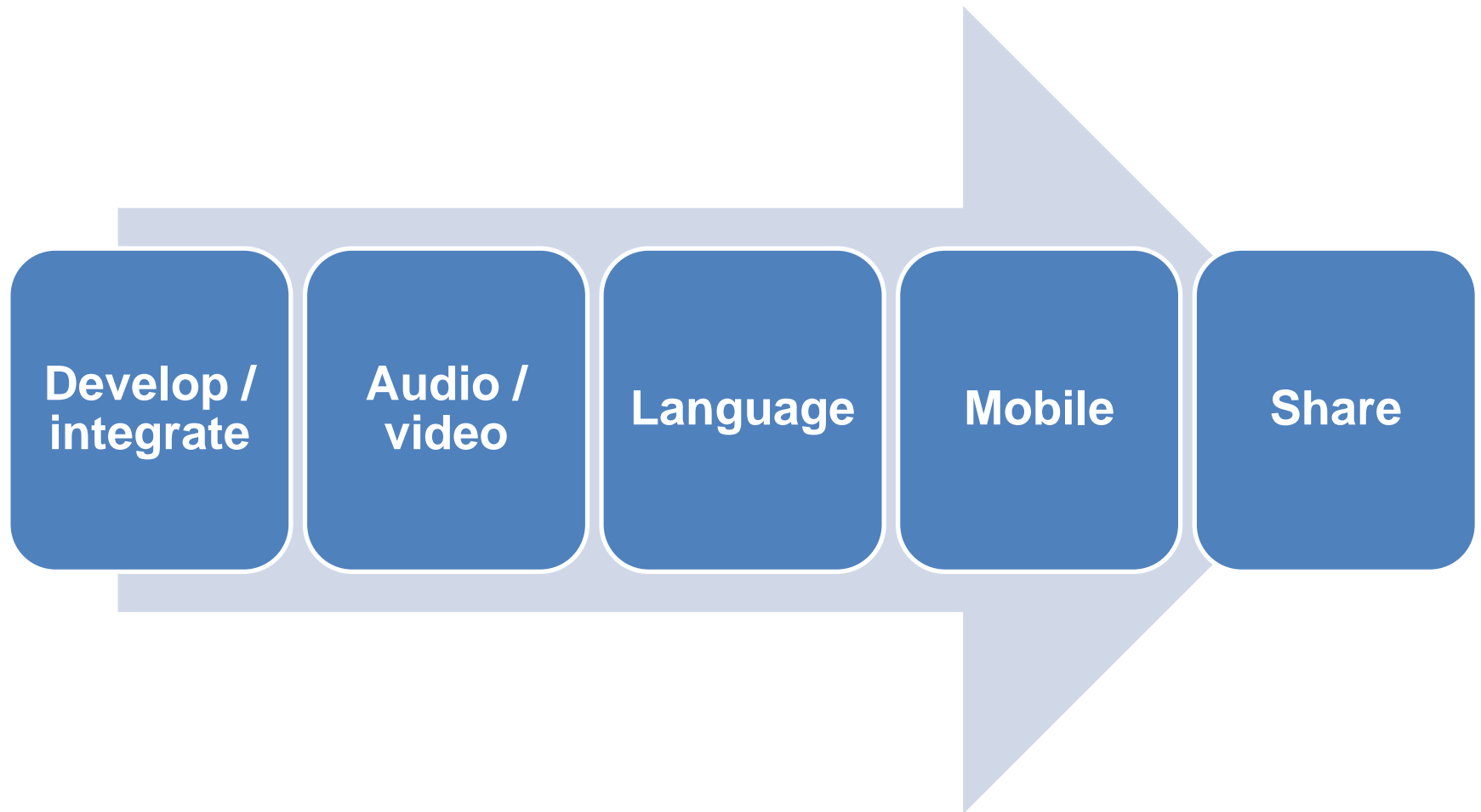


# Challenges / Lessons

- Staffing / time / funding
- Limited training - pedagogy / online design
- Diversity of student body
- Technical / functionality / accessibility & discovery
- Explicit licencing details



# Future Directions



# Thank You

ITT Dublin library OERs at:

**<http://library.ittdublin.ie/screens/tut.html>**

**[philip.russell@ittdublin.ie](mailto:philip.russell@ittdublin.ie)**



# References

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Blummer, B.A. and Kritskaya, O. (2009) Best practices for creating an online tutorial: a literature review. Journal of Web Librarianship, 3(3), pp.199-216.

Graham, N. & Secker, J. (2012) Librarians, information literacy and open educational resources: report of a survey. Available at: [http://delilaopen.files.wordpress.com/2012/04/findingssharingoers\\_reportfinal1.pdf](http://delilaopen.files.wordpress.com/2012/04/findingssharingoers_reportfinal1.pdf) [Retrieved 4<sup>th</sup> September 2014].

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United Nations Educational, Scientific and Cultural Organization (UNESCO). Available at: <http://bj.io/1jzvCZ6> [Retrieved 5<sup>th</sup> September 2014].

# Image Attributions

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