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Employers and Educators work together to give today's graduates tomorrow's skills

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Australia's Future

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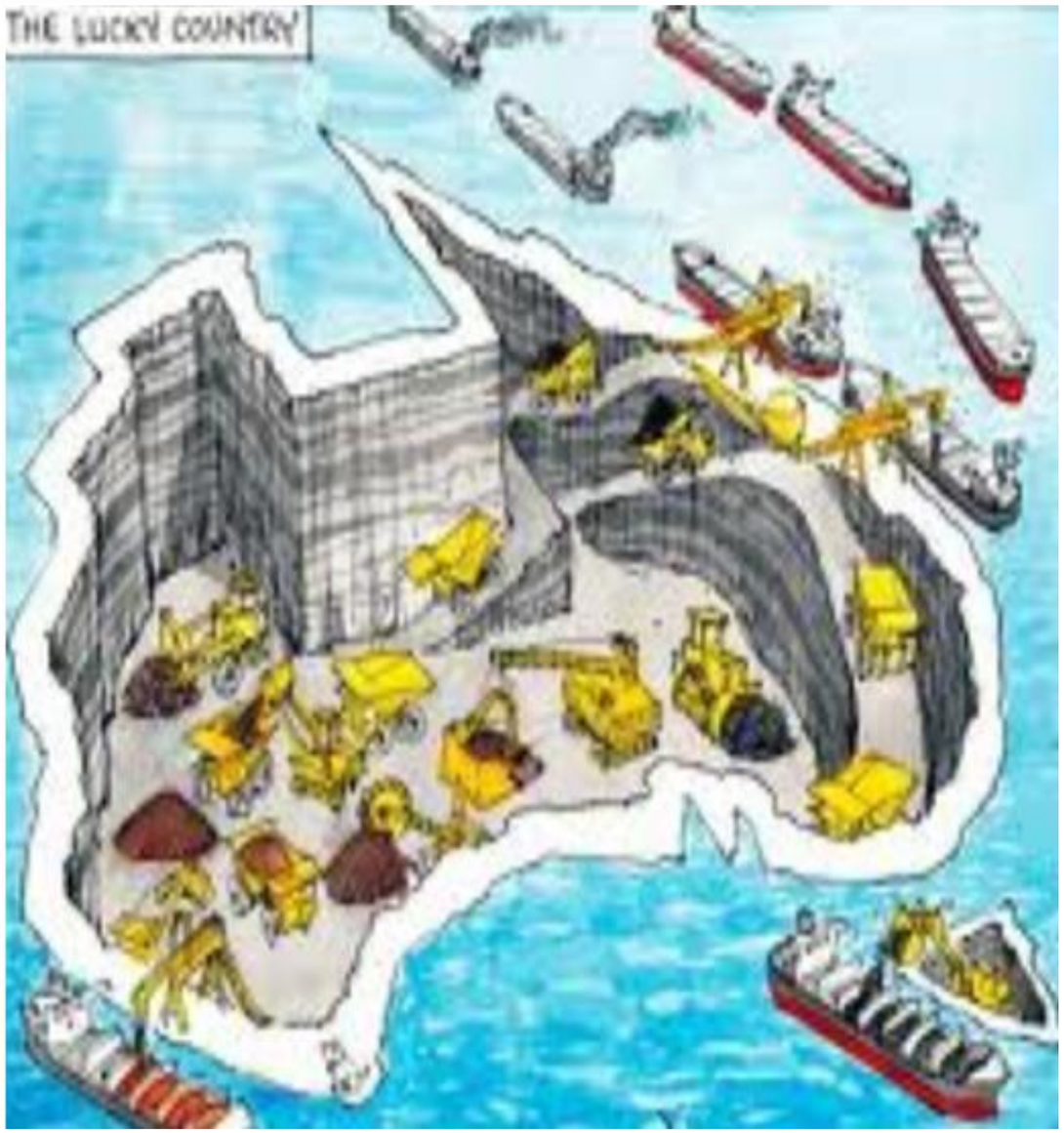
Commodity Capitalism
vs
Intellectual Capitalism



Will we always be the 'Lucky Country'?

« An optimistic country that knows that its future rests as much on its citizen's education and inventiveness as on what it can grow, make or extract from the ground »

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Source: Universities Australia, 2013

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Australia's Future

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Education = Productivity and Wealth Creation

Our Nation must stake its future on education

Universities – Industry Partnerships are essential

Current track record is very 'patchy'

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Australian Education Challenges

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- Not a high priority on Government's Agenda;
- Challenging non-risk based regulation;
- Uncertain international education environment;
- Significant External Competition may lead in reduction in standards;
- Impact of the Digital Revolution

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It is a Rapidly Changing World .....

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- Information availability and access
  - Quantity and availability of accessible content
  - Variety, Velocity and Volume of information
  - New ways of engaging information (like interactive websites)
- Technology
  - Smartphones, tablets, e-readers
- Changes in social interaction
  - Social media
  - New search methods like SIRI app
  - Direct to Resource Apps like ScienceDirect; Gale – AccessMyLibrary
- Changes in service context
  - Declining budgets
  - More diverse population leading to diverse information needs
  - Access to broadband and computing technologies

Source: Bertot 2012

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Technology driven impact

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A Profession of Impact… In Transition

- 29,100 library workers;
- 12,300 librarians;
- 8000 library technicians;
- 8800 library assistants (Partridge 2008):
- 39 Australian universities with 203 libraries and branch libraries;
  - 4,050 staff, including 2,496 LIS professionals;
  - Expenditure on salaries over $331 million and e-resources worth $218 million;
- Approximately one million staff and students used library services;
- VET Libraries - 61 institutes of TAFE around Australia,
  - 17 in Victoria,
  - 13 in Queensland,
  - 12 in New South Wales,
  - 11 in Western Australia,
  - 4 in South Australia, and one each in the ACT, Tasmania and the Northern Territory.
- The National Library and 8 state and territory libraries; 1100 special libraries; 9500 school libraries in 2008

> ALIA Education, Skills and Employability Trend Report

Source: (Partridge 2008) ALIA 2014

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Library 2.0+

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- Traditional Libraries
  - Acquisitions;
  - Search;
  - Classification;
  - Cataloguing;
  - Archiving;
  - Reference;
  - Collection

- Web 2.0
  - Google;
  - Google Scholar;
  - Yahoo Answers;
  - Wikipedia;
  - Amazon
  - eBooks;
  - Semantic Web;
  - Ontologies;
  - Folksonomies

Source: Whitehead 2009

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School of Information Technology & Mathematical Sciences (an iSchool)

Profile…..

The Largest IT School in SA

1600 Students;

- 19% International;
- 28% Female;
- 35% Postgraduate;

We teach 5000 different students @ UniSA

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Strong Industry Partnerships

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STATE LIBRARY For your information...

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State Records

hp

IBM

sas THE POWER TO KNOW.

CISCO

AFP AUSTRALIAN FEDERAL POLICE

Australian university first
HEWLETT-PACKARD PARTNERSHIP
New: HP Innovation and Collaboration Centre
New: IT degree with a 12-month paid internship

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Benefits and overview (SLSA perspective)

- ‘Job ready’ information professionals
- Small state, resources are limited > strategic benefits in collaborating, opportunity to leverage synergies e.g. digital preservation

Image Interested Bystandr Leverage http://www.flickr.com/photos/100739735@N06/9582489810/sizes/s/

- Benefits for staff > 50 involved
- Benefits for students > ‘real life experience’ and case studies, range of professional role models

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Benefits and overview (SLSA perspective)

- Legislation > **Libraries Act**

- **Training of Librarians**

  38 ‘The Board, may, subject to the provisions of the Public Service Act 1967-1981, provide courses of training as librarian for such persons as it thinks fit, whether those persons are employed under this Act or not’

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Benefits and integration (UniSA perspective)

- Unique partnership for LIS Educators
- Expertise from active practitioners at the forefront of practical application
- Placements and projects
- Students gain practical skills (as well as theoretical underpinning)
- Makes students more employable
- Ability to run small and flexible academic team
- Point of differentiation

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Benefits and integration (UniSA perspective)

- Industry participation in **Program Management Group**
  - Wider cross-industry forum for program and course directions
  - Exchange of ideas
  - Improves quality of content and delivery

- Communication>
  - SLSA and other partners inducted into UniSA teaching and learning & participate in UniSA **staff forum**

  - Ongoing communication, planning, consistency, quality assurance

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Embedding in SLSA – organisational issues

Why did SLSA get involved in this partnership?

Climate for progressing partnership

- Existing mature relationship between UniSA SLSA - guest lecturing - experience
- Desire to influence output from Uni and produce what industry needed (content and skills)

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Embedding in SLSA – organisational issues

- Two year rolling contract with University
- Strategic Plan focus Priority 5 > '*Lead and collaborate to grow capability*'
- Resourcing – 1.4 FTE positions plus > 50 staff
- Reflected in job descriptions – part of normal duties
- Presents real staff development opportunities > links with NSLA directions & significantly contributes to SLSA's capacity to be a learning organisation

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Delivery issues and challenges

SLSA contracted to coordinate and deliver 5 courses:

- Managing Resources
- Accessing Resources
- Preservation Principles
- Digital Preservation
- Archival Management (previously)
- Next year > Information Management Foundations

+ Professional Placement

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Delivery issues and challenges

Role involves >

- Developing course content
- Developing learning materials
- Delivering lectures and/or tutorial sessions and/or demonstrations
- Communication & Coordination
- Assessing - reports, surveys c.f. essays
- Quality assurance
- Mentoring students

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Delivery issues and challenges

- Providing experiential learning opportunities – embedding theory with practice, role models in the industry

Digitising large format photo

Disaster salvage exercise

Images: Heather Brown

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Monitoring storage environments

Image: Heather Brown

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First hand examples from SLSA collections and nearby institutions

Images:
Heather Brown
& Jo Hocking

Lecture rooms ‘in the hub of the library

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Digital film and sound studios

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Images: Heather Brown

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Delivery issues and challenges

- Identifying staff with requisite knowledge skills and experience
- Minimising impact within SLSA while maximising benefits
- Partnering with other professional colleagues
- Succession training and back-ups

Opportunities>

- Course podcasts and lectures available on intranet
- Professional development: mentoring staff

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Delivery issues and challenges

- Course coordinators active and present
- Managing students' expectations

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Delivery issues and challenges

- Working within University requirements
- Providing equivalent experiential learning opportunities for external/online students
- Feedback> peers SLSA forum
- Feedback from students – University formal surveys, reflective comments

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Image: University of SA Jeffrey Smart Building

Image: State Library of SA: Foyer

Summary

In rapidly changing educational world >industry partnership provides opportunities and benefits to

- SLSA & University of SA
- Students' learning

Partnership needs ongoing commitment, ability to astutely leverage the synergies, embedding, & clear communication

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