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Overview Background Strategies Benefits Way forward

The Faculty of Engineering & Built Environment at a glance

340 students



33 countries and supported 175
by academic supervisors

ERA 5

("well above world standard") for the two-digit Engineering category

No. 1

university in the world under 50 years of age

Times Higher Education World University Rankings '100 Under 50' and QS World University Rankings 'Top 50 under 50' 2013

Equal 2nd in Australia for research "well above world standard"

2012 Excellence in Research Australia assessment (ERA)

Background

- Low domestic research student enrolments
- → 95% employment rate B Eng (AGS 2013)
- Starting salary ~\$80k pa (Engineers Australia 2013)

So, what is an RHD?

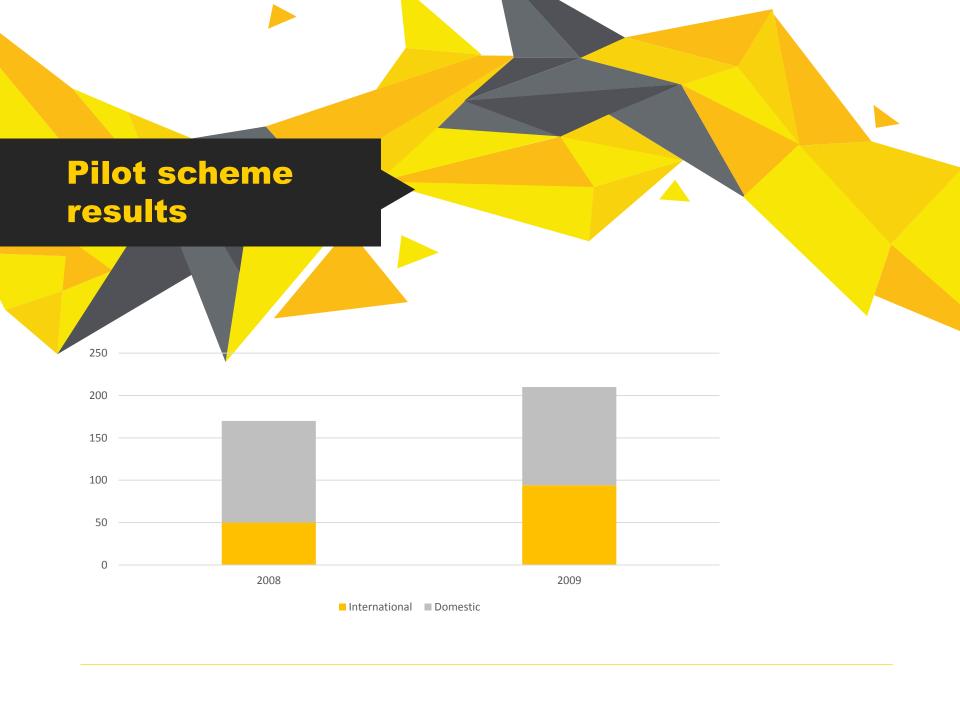
- Research Higher Degree Candidate
- → Masters (2 years)
- → PhD (4 years)



- Focus on the international market
- Scholarship schemes implemented
- Leveraging international offshore home government schemes



- → 2008: Trial 50:50 Faculty-Supervisor scholarships
- Supervisor funded 50% living allowance
- Faculty matched 50% living allowance
- President's Visiting Scholarship granted by UoN

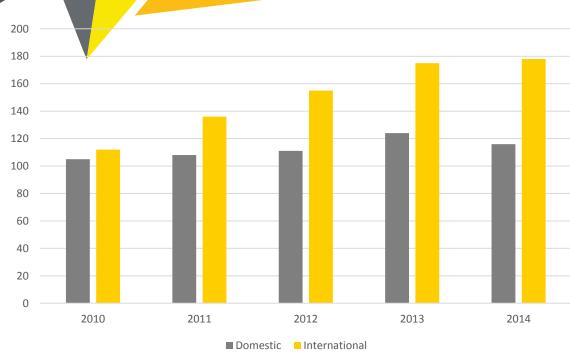




- 2010: Faculty 50:50 scheme in University round
- expanded to include relocation, health cover, thesis allowance, establishment allowance
- → 2014: 50:50 scheme adopted by University

Quantifiable success —Faculty 1 —Faculty 2 — Engineering & Built Env —Faculty 4 —Faculty 5

Quantifiable success

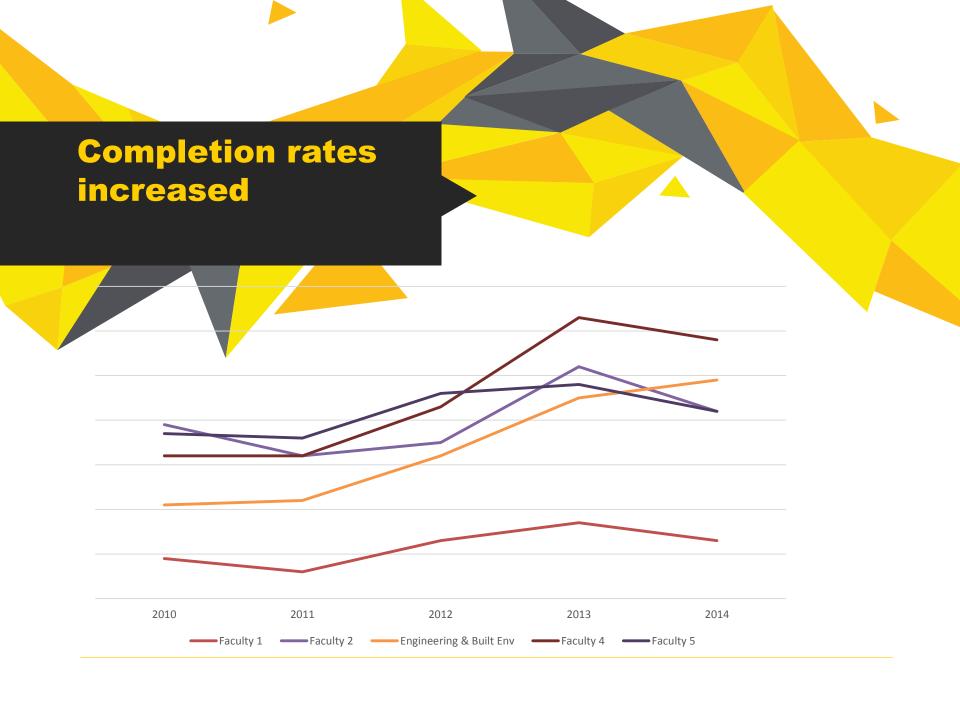






- Leveraging funding through home government schemes
- Chinese Scholarship Council (CSC), Vietnamese International Education Development, home university scholarships





Completion times decrease

Average number of years to complete PhD Candidates	2009	2010	2011	2012	2013
Domestic	4.7	5.3	4.4	4.1	4.2
International	-	3.6	3.65	4.43^	3.9

^{^ 2} students in this year went offshore to submit their thesis and therefore took considerably longer than expected

Increased research outputs

- 60% to 70% of research outputs linked to RHD students (Larkins)
- → 25% increase in C1 HERDC journal articles
- 26% of research publications written by RHD

Case scenario - high calibre international student

- Completed in 3 years
- 7 conference papers + 2 journal articles
- Working with UoN research centre
- Attracted \$1.6M in competitive funding to date



Future international collaborations with alumni



→ Contribute \$4.3B p.a. (2009 Access Economics Report)





University guarantees funding of 25% of living allowance

→ President's Visiting Scholarship

Way forward - Domestic market

- Summer scholarships
 - Automatic top-ups for honours 1 students
 - → 50:50 domestic students
 - Engaging with industry





THANK YOU. ANY QUESTIONS?