

Broadening Indigenous participation across the disciplines:

Address to the Go8+ Deans of Engineering
Meeting 8 May 2014

Professor Ian Anderson
Co-Chair
Aboriginal and Torres Strait Islander
Higher Education Advisory Council



Aboriginal and Torres Strait Islander
Higher Education Advisory Council

Council has a policy development framework focussed on; :

- Broadening access across the disciplines
- Whole of University Strategy
- Academic Workforce
- Sustainable financing
- System level performance monitoring

Developing the STEM agenda

Engagement with Deans of relevant disciplines to co-develop strategy

Developing an Indigenous focus in the national STEM education agenda

Promotion of STEM to Indigenous secondary school students

Research and data for monitoring

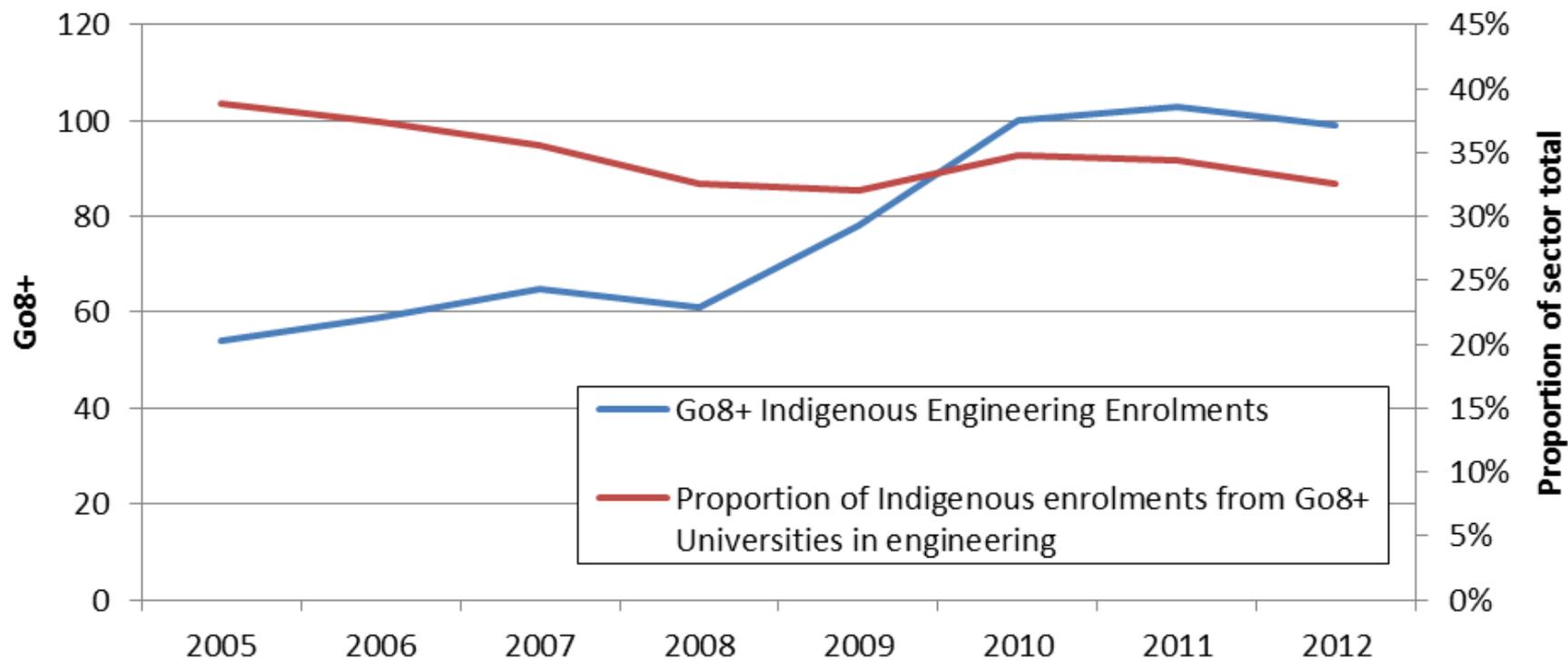
Increasing Indigenous participation and attainment in a broader range of disciplines

11 per cent of Indigenous people were employed in professional occupations, compared to 20 per cent of non-Indigenous people.

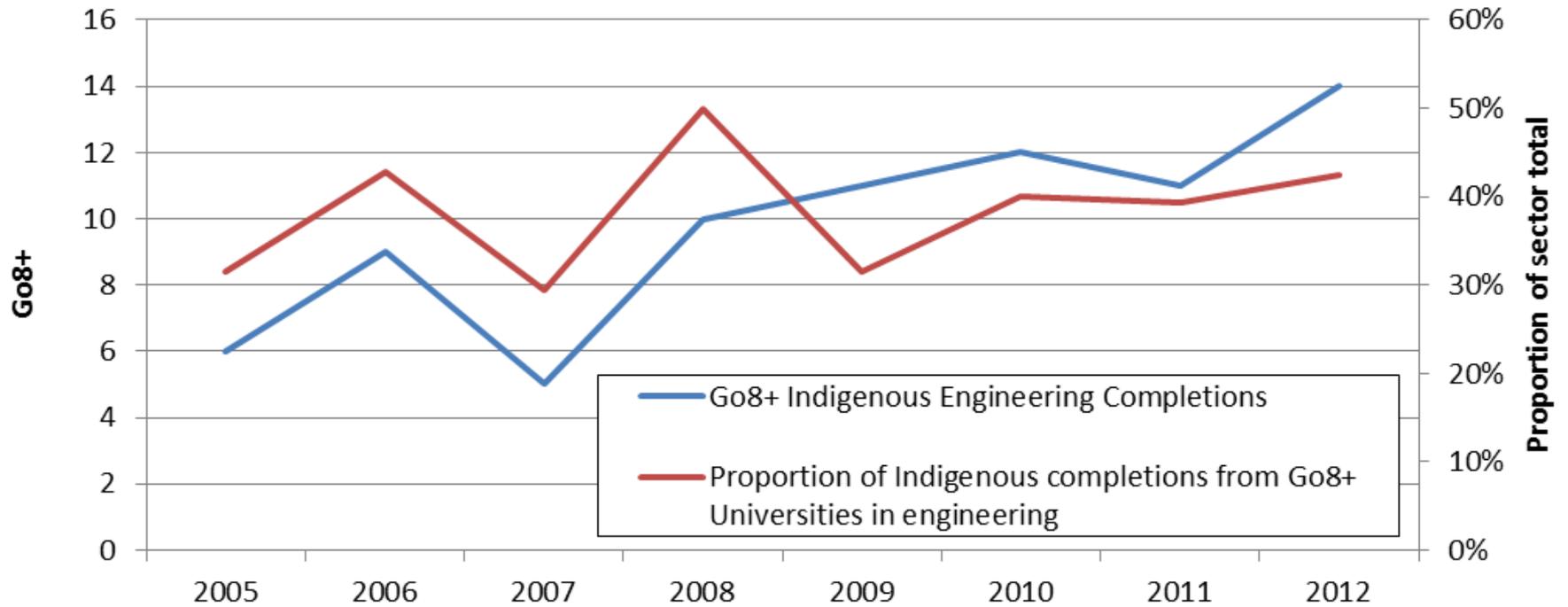
The most common occupation group for employed Indigenous people was Labourer (24 per cent) and for non-Indigenous people it was Professional (20 per cent).

Drawn from Census data 2006 and 2011

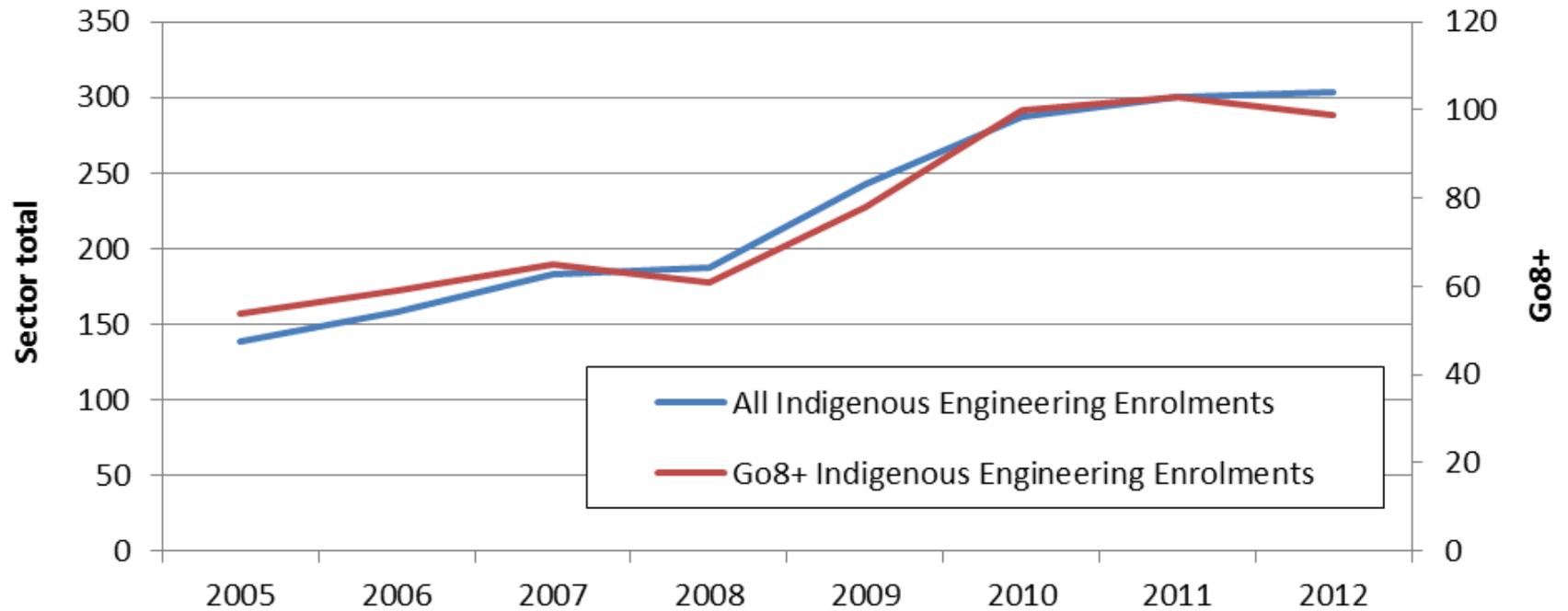
Indigenous Engineering enrolments 2005-2012



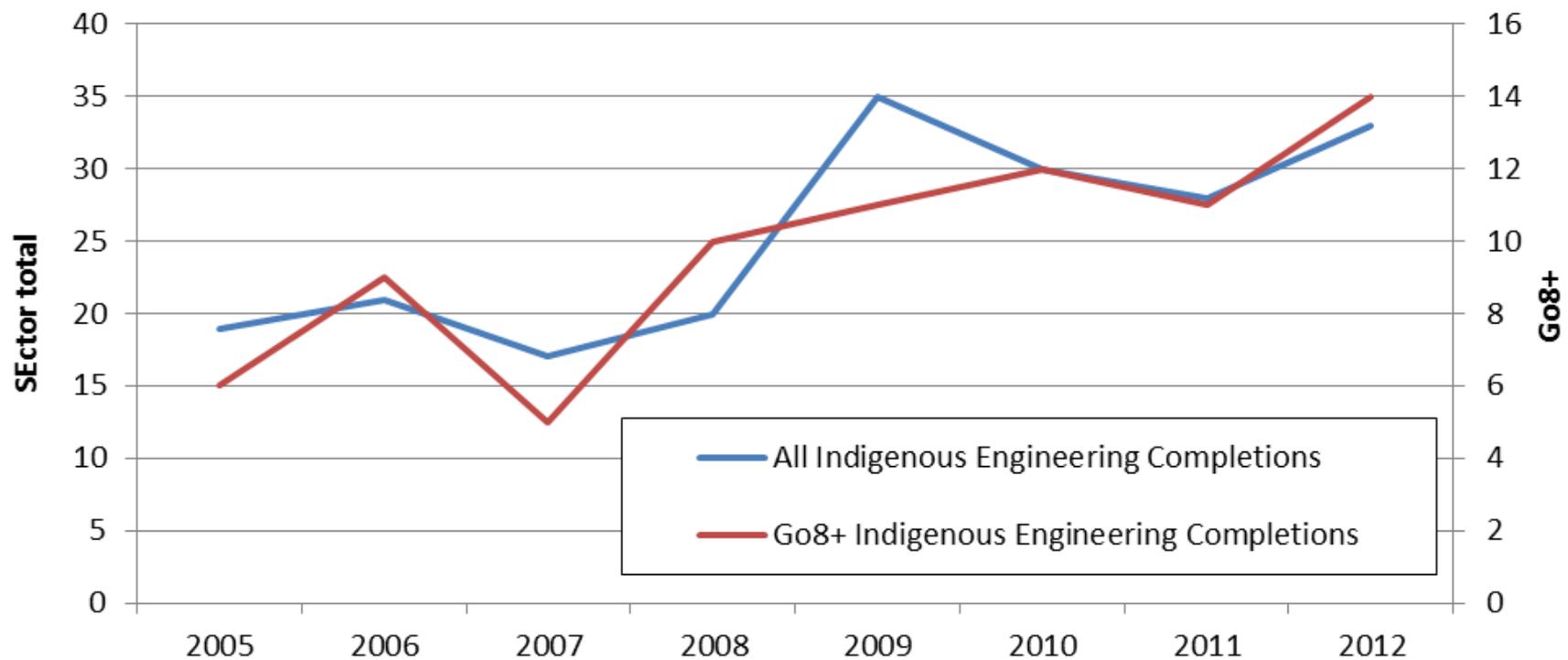
Indigenous Engineering completions 2005-2012



Indigenous Engineering Enrolments, Go8 and Sector 2005-2012



Indigenous Engineering Completions , Go8 and Sector 2005-2012



Indigenous Engineering Enrolments by broad level of course 2005-2012

		Enrolment							
		2005	2006	2007	2008	2009	2010	2011	2012
Monash University	Bachelors	<5	<5	<5	<5	<5	<5	<5	<5
The University of Adelaide	Bachelors	5	<5	<5	<5	<5	5	5	<5
University of Newcastle	Bachelors	8	11	15	15	16	27	27	20
The Australian National University	Postgraduate	<5	<5	0	<5	<5	0	0	<5
	Bachelors	0	0	<5	<5	<5	<5	<5	<5
The University of Melbourne	Postgraduate	<5	0	<5	<5	0	0	0	0
	Bachelors	<5	5	5	<5	<5	<5	0	0
The University of Queensland	Postgraduate	<5	0	0	0	0	0	0	0
	Bachelors	8	6	7	7	12	13	15	16
The University of Sydney	Postgraduate	<5	0	0	<5	<5	<5	0	<5
	Bachelors	<5	<5	<5	<5	5	5	6	6
The University of Western Australia	Postgraduate	0	0	0	<5	<5	0	0	0
	Bachelors	<5	<5	<5	<5	<5	5	7	7
University of Wollongong	Postgraduate	0	0	0	0	0	<5	<5	<5
	Bachelors	5	7	7	7	10	14	11	11
University of New South Wales	Postgraduate	<5	7	8	6	7	5	5	7
	Bachelors	9	8	7	6	12	14	17	17
	Sub bachelors	0	0	0	0	0	<5	5	<5
TOTAL		139	158	182	187	243	286	299	301

Indigenous Engineering Completions by broad level of course 2005-2012

		Completions							
		2005	2006	2007	2008	2009	2010	2011	2012
Monash University	Bachelors	0	0	0	<5	<5	0	<5	0
The University of Adelaide	Bachelors	<5	<5	<5	0	0	<5	0	0
University of Newcastle	Bachelors	<5	<5	<5	<5	<5	0	<5	<5
The Australian National University	Postgraduate	0	0	0	0	<5	0	0	0
	Bachelors	0	0	0	<5	0	0	<5	<5
The University of Melbourne	Postgraduate	<5	<5	0	0	<5	0	0	0
	Bachelors	0	<5	<5	<5	0	<5	0	0
The University of Queensland	Postgraduate	0	0	0	0	0	0	0	0
	Bachelors	<5	0	0	<5	0	<5	<5	<5
The University of Sydney	Postgraduate	0	0	0	0	0	<5	0	0
	Bachelors	<5	0	0	<5	<5	<5	0	<5
The University of Western Australia	Postgraduate	0	0	0	0	0	0	0	0
	Bachelors	0	<5	0	<5	<5	<5	0	<5
University of Wollongong	Postgraduate	0	0	0	0	0	0	0	<5
	Bachelors	0	0	<5	<5	0	<5	<5	<5
University of New South Wales	Postgraduate	0	0	0	<5	<5	<5	<5	<5
	Bachelors	<5	<5	<5	0	0	<5	<5	<5
	Sub bachelors	0	0	0	0	0	0	0	0
TOTAL		19	21	17	20	35	30	28	32

National Indigenous Engineering Summit 2015

- Participate in National Indigenous Engineering Summit 2015
- Contribute to discussion of longer term targets and goals
- Actively promote the Summit amongst your peers

Timeline

- 19 September 2014: Pre-Summit Forum
- 18-19 June 2015: Summit

Contacts

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