Unitec

To	Unitec Academic Board	**From**	Marcus Williams, Director, Research and Enterprise
Title	2019/20 research goals, key performance indicators (KPIs) and reporting at School level.	**Date**	2019/10/03

Recommendation/s

That the Academic Board approves the 2019/20 research goals and KPIs for schools.

Purpose

To report to the Academic Board, the 2019 - 2020 Research KPIs and goals for schools, which feed into the overall KPIs for Unitec.

Background

Tūāpapa Rangahau has three strategic drivers. These are:

1. To improve the quality of our research through staff **capability development** so that staff are equipped to undertake impactful research and enterprise activities.
2. To **increase external engagement** by building more and deeper research relationships with industry to improve the relevance of our research and achieve greater transfer of knowledge, ideas and expertise to industry and wider society.
3. To create **greater strategic focus** to our research, so Unitec gains a competitive reputation in specific areas of research and enterprise.

To respond to these strategic drivers, we focus on four research areas, which are agreed with TEC via our investment plan and every year the progress against these KPIs are reported in the Unitec Annual Report.

- **Industry Funded Projects** (research and enterprise projects Unitec is receiving funding for, where the organisation is private sector or public sector and where the services Unitec is providing is applied contract research or consultancy).
- **External Research Income (ERI)** (income received from external sources for research purposes).
- **Research Productivity** (most staff teaching on degree level programmes at Unitec are engaged in research).
- **Quality Assured Research Outputs** (research publications and creative outputs that have been through a peer reviewed process or have been specifically commissioned).

Tūāpapa Rangahau provides research support to schools and the three Strategic Research Foci (Applied Molecular Solutions (AMS), Cybersecurity and Ngā Wai a Te Tūī). At school level, the support is targeted toward academics who teach and/or supervise in degree programmes. Schools and foci contribute towards the four research KPIs mentioned above.

Goals for Research Productivity and Quality Assured Research Outputs at the school level are calculated based on the past performance data (3 years) and the amount of research eligible FTE in the school (degree teaching staff FTE).

Performance in the External Research Income (ERI) and Industry Funded Projects will be reported at school level rather than set as goals. The reason for this different approach is that capability in this space varies very significantly across schools and until we achieve a more even playing field, reporting performance has been agreed as a better incentivising mechanism. We will, however, have goals for these to KPIs for the overall institute.

Below are the year-to-date figures/goals for the four research goals:

Research Goals	Actuals			Goals		
	2016	2017	2018	2018	2019	2020
External Research Income	$919,047	$1,013,984	$581,338	$1,045,000	$1,150,000	$1,264,000
Industry Funded Projects	26	23	74	30	34	36
Quality Assured Research Outputs per FTE[1]	3.05	3.03	1.84	2.41	2.46	2.51
Research Productivity Traffic Lights[2]	53%	68%	68%	78%	89%	100%

Table 1: Unitec's four research goals

School	External Research Income 2019 Actual (YTD June)	Industry Funded Projects 2019 Actual (YTD August)	Quality Assured Research Output			Research Productivity (% of Progs Green Lit)	
			2019 Actual (TYD Sept)	2019 Goal	2020 Goal	2019 Actual	2020 Goal
School of Bridgepoint			5				
School of Applied Business	$26,831	10.5	19	69	70	57%	100%
School of Creative Industries	$480	0	12	56	58	100%	100%
School of Architecture	$282,068	3	16	70	71	100%	100%
School of Building Construction	$12,170	0	11	21	22	100%	100%
School of Engineering & Applied Technology	$20,386	4.5	21	30	31	50%	100%
School of Trades & Services			2				
School of Environmental & Animal Sciences	$22,254	14	26	60	61	100%	100%
School of Community Studies	$0	7	26	51	52	40%	100%
School of Healthcare & Social Practice	$24,919	0	26	67	69	80%	100%
School of Computing & Information Technology	$16,066	4	11	59	60	100%	100%
AMS	$3,952	0					
Cybersecurity	$171,383	0					
Ngā Wai a Te Tūī	$35,314	4					
Others			13				
Unitec Total	**$615,825**	**47**	**188**	**484**	**494**	**79%**	**100%**

Table 2: Unitec's four research goals at school level

Note:

- School of Bridgepoint and School of Trades & Services will not have research KPIs as they offer sub-degree programmes and are not required to do research.

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[1] Number of quality assured research outputs per FTE for academic staff teaching in degree programmes.
[2] Research Productivity Traffic Lights - 79% in 2019

- The three research foci have goals for external research income only.

Next Steps

Tūāpapa Rangahau will continue supporting schools and Strategic Research Foci and report against these KPIs.

Attachments

No attachments.

Contributors

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