



**MACQUARIE**  
University

# Sustainability Financing Framework

2020 Annual Report

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# Macquarie University Sustainability Financing Framework: 2020 Annual Report

## Contents

1.0	Introduction
1.1	Summary of Sustainability Financing Transactions (“SFT”)
1.2	Allocation Reporting for each SFT
1.3	Use of Proceeds for each SFT
1.4	Project Overview
2.0	Macquarie University Sustainability Financing Framework: Project Impact Report - MUCCP
2.1	Impact Measure 01 – Green Buildings
2.2	Impact Measure 02 - Environmentally Sustainable Management of Living Natural Resources and Land Use.
3.0	2 <sup>nd</sup> Party Opinion – Sustainalytics Annual review

## 1.0 Introduction

The Macquarie University Sustainability Financing Framework (the “Framework”) was developed in August 2018 to demonstrate how Macquarie University intends to enter into Sustainability Financing Transactions (“SFTs”) with proceeds earmarked to finance, or refinance, projects and expenditures that will deliver positive environmental and social outcomes and which support Macquarie University’s strategy and vision.

In accordance with Section 2.4 of the Framework, the following Annual Report relates to the reporting period of 1<sup>st</sup> September 2019 – 31<sup>st</sup> August 2020.

## 1.1 Summary of SFTs

The following is a summary of the SFTs as per the Macquarie University Sustainability Bonds Register

SUSTAINABILITY FINANCING FRAMEWORK							
SUSTAINABLE FINANCING TRANSACTIONS REGISTER – ISSUER MACQUARIE UNIVERSITY							
Transaction	Identifier/ISIN	Coupon	Term	Maturity	Principal Amount	Allocation	To be Allocated
2018 MTN	AU3CB0256279	3.50%	10Yr	September 2028	\$200.0m	\$200.0m	-
2018 MTN	AU3CB0256295	4.50%	25Yr	September 2043	\$50.0m	\$50.0m	-
2019 MTN	AU3CB0268399	2.25%	10.5Yr	May 2030	\$160.0m	\$130.0m	\$30.0m
2019 MTN	AU3CB0268472	3.10%	25Yr	November 2044	\$90.0m	\$90.0m	-
				<b>Total</b>	<b>\$500.0m</b>	<b>\$470.0m</b>	<b>\$30.0m</b>

Note: All figures in \$AUD

## 1.2 Allocation Reporting

In accordance with Section 2.2 of the Macquarie University Sustainability Financing Framework (the 'Framework'), the Macquarie University Finance & Facilities Committee (F&FC), under delegation from the University Council, approved the following allocation of proceeds totalling \$470.0m (of \$500.0m) from the Bonds raised under the Macquarie University Sustainability Financing Framework.

<b>SUSTAINABILITY FINANCING FRAMEWORK</b> <b>ALLOCATION REGISTER (as at 31 Aug, 2020)</b>						
			Projects currently funded	Projects Earmarked for Future Funding		To be Allocated
Identifier/ISIN	F&FC Meeting Reference	Principal Amount	MUCCP (Stages 2, 4, 5 & 7)	Law Building	Physics, Astronomy & Engineering Building	
AU3CB0256279	27 <sup>th</sup> May 2019	\$200.0m	\$200.0 m	-	-	-
AU3CB0256295	27 <sup>th</sup> May 2019	\$50.0m	\$50.0m	-	-	-
AU3CB0268399	11 <sup>th</sup> Feb 2020	\$160.0m	-	-	\$130.0m	\$30.0m
AU3CB0268472	11 <sup>th</sup> Feb 2020	\$90.0m	\$10.0m	\$60.0m	\$20.0m	-
	<b>Total</b>	<b>\$500.0m</b>	<b>\$260.0m</b>	<b>\$60.0m</b>	<b>\$150.0m</b>	<b>\$30.0m</b>

Note: All figures in \$AUD




### 1.3 Use of Proceeds




The following is a summary of the Funding and Expenditure as at 31<sup>st</sup> August 2020.




<b>SUSTAINABILITY FINANCING FRAMEWORK</b> <b>MUCCP FUNDING REGISTER (as at 31 Aug, 2020)</b>					
<b>Identifier/ISIN</b>	<b>Project Allocation Amount</b>	<b>Cumulative Spent to Date</b>	<b>Stage 4 Lincoln Building Refurbishment</b>	<b>Stages 2 &amp; 5 1 Central Courtyard &amp; Residential Student Accommodation R1/R2</b>	<b>Stage 7 Mars Creek Rehabilitation Works</b>
AU3CB0256279	\$200.0m	\$136.6m	-	\$130.1m	\$6.5m
AU3CB0256295	\$50.0m	\$50.0m	\$21.7m	\$28.3m	-
AU3CB0268399	-	-	-	-	-
AU3CB0268472	\$10.0m	-	-	-	-
<b>Total</b>	<b>\$260.0M</b>	<b>\$186.6m</b>	<b>\$21.7m</b>	<b>\$158.4m</b>	<b>\$6.5m</b>






### 1.4.1 Project Overview: Macquarie University Central Courtyard Precinct (“MUCCP”)







<b>Project Part:</b>	Stage 4 – Lincoln Building	
<b>Project Description:</b>	Major Refurbishment of 3 levels of workplace accommodation and provision of 6 new retail spaces, totalling approximately 2,570m <sup>2</sup> .	
<b>Eligibility Category:</b>	Green Buildings: 5 Star Green Star – Design and As Built v1.2 (GBCA)	
<b>Project Status:</b>	Construction	
<b>SDG Alignment:</b>	 	

<b>Project Part:</b>	Stage 5a – 1 Central Courtyard	
<b>Project Description:</b>	<p>New Development consisting of formal and informal learning and teaching spaces, graduation hall and food and beverage retail spaces, totalling approximately 15,400m<sup>2</sup>.</p> <p>Includes Stage 2 – Central Courtyard Upgrade, as it supports and is ancillary to the adjacent buildings in Stage 5</p>	
<b>Eligibility Category:</b>	Green Buildings: 5 Star Green Star – Design and As Built v1.2 (GBCA)	
<b>Project Status:</b>	Construction	
<b>SDG Alignment:</b>	 	

<b>Project Part:</b>	Stage 5b –Student Accommodation Buildings R1 & R2	
<b>Project Description:</b>	New Development consisting of Residential Student Accommodation spread across two buildings (with common podium) with a 342 bed capacity, totalling approximately 11,950m <sup>2</sup> .	
<b>Eligibility Category:</b>	Green Buildings: 5 Star Green Star – Design and As Built v1.2 (GBCA)	
<b>Project Status:</b>	Construction	
<b>SDG Alignment:</b>	 	

<b>Project Part:</b>	Stage 7 – Mars Creek Rehabilitation Works	
<b>Project Description:</b>	<p>The rehabilitation of Mars Creek Reach 3, focuses on ameliorating the habitat 'truncations' from previous hard engineering works originating in the 1960s. This includes 'daylighting' or opening up a section of creek that was piped in a subterranean stormwater system for more than 50 years ago.</p> <p>The works will create a new naturalised surface channel through a section of the original creek bed, and in doing so, reinstate the riparian zone of approximately 20 metres in width. Additional habitat features will include a re-made culvert inlet that will offer native freshwater eels a new migration route from their existing habitat in the university's lake, to the rehabilitated upper reaches of Mars Creek.</p>	
<b>Project Status:</b>	Construction	
<b>Eligibility Category:</b>	Environmentally Sustainable Management of Living Natural Resources and Land Use.	
<b>SDG Alignment:</b>	 	

## 1.4.2 Project Overview: Projects Earmarked for Future Funding

<b>Project Part:</b>	Macquarie University Law School	
<b>Project Description:</b>	An adaptive re-use of 17 Wallys Walk to provide a purpose-designed facility creating a flexible environment to accommodate the emerging needs of the MQ Law School.	
<b>Project Status:</b>	Schematic Design	
<b>Eligibility Category:</b>	Green Buildings: 5 Star Green Star – Design and As Built v1.2 (GBCA)	
<b>SDG Alignment:</b>	 	
<b>Project Part:</b>	Physics, Astronomy & Engineering Building	
<b>Project Description:</b>	A dedicated major new multi-disciplinary building for Engineering, Physics and Astronomy, AAO-MQ, and potentially enabling collaboration with other parties.	
<b>Project Status:</b>	User Briefing	
<b>Eligibility Category:</b>	Green Buildings: 5 Star Green Star – Design and As Built v1.2 (GBCA)	
<b>SDG Alignment:</b>	 	





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# Sustainability Financing Framework

2020 Project Impact Report - MUCCP

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# Macquarie University Sustainability Financing Framework: Project Impact Report

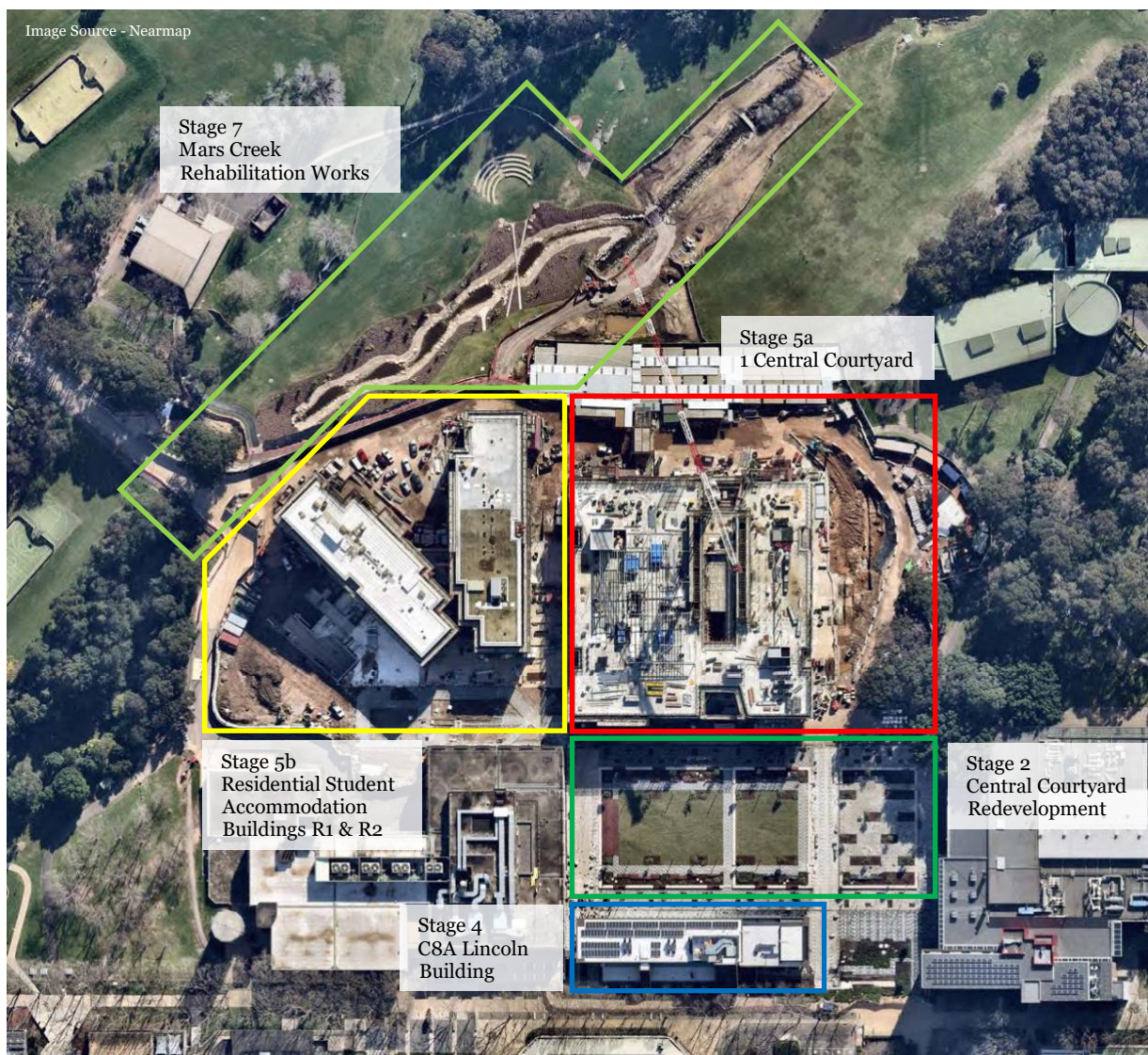
## Purpose

In accordance with Section 2.4(c) of the Macquarie University Sustainability Financing Framework (the 'Framework', this Impact Report relates to the Project as nominated in accordance with Section 2.2 of the Framework as an Eligible Project.

Project: Macquarie University Central Courtyard Project (MUCCP), comprising:

- Stage 2 Central Courtyard Redevelopment;
- Stage 4 C8A Lincoln Building;
- Stage 5a 1 Central Courtyard;
- Stage 5b Residential Student Accommodation Buildings R1 & R2;
- Stage 7 Mars Creek Rehabilitation Works.

## Image 1: The Central Courtyard Precinct





## **Image 2: 1 Central Courtyard**



### **Project Overview**

This rejuvenation and renewal of the Central Courtyard and the buildings that surround it, is a critical part of the reinforcement of the Central Courtyard Precinct as the “heart of the campus”.

The guiding vision for the design for the Central Courtyard Precinct is to create a vibrant dynamic precinct that:

- Creates a focus for the entire University community – students, staff and visitors;
- Manifests the vision for and aspirations of the University;
- Creates a memorable and meaningful place;
- Respects and celebrates the architectural, cultural and landscape heritage of the project;
- Engages and enhances the campus through sustainability, functionality and design;
- Accommodates a wide variety of functions and activities, both permanent and temporary;
- Is sustainable, functional, flexible and capable of evolving over time.

This is to be delivered as a program of ‘Project Parts’, which when realised will serve a variety of functions, delivering new social and educational infrastructure at the very heart of the campus, incorporating approximately 68,000m<sup>2</sup> of gross floor area (GFA) across both new and refurbished buildings and associated public realm.

The nominated Project Parts (as listed above), being funded under the Framework, are being delivered under a single Construction Contract to FDC Constructions (NSW) Pty Ltd.

The 2020 Impact Reports see no material departure from the 2019 Impact Reports.

# Macquarie University Sustainable Financing Framework:

## Impact Measure 01 – Green Buildings





**IMPACT MEASURE 01**

**Eligible Category:** 2.1.1 Green: Green Buildings

**Eligibility Projects:** New construction and/or renovation of existing buildings that have or will receive any one of the following certifications/ratings or demonstrate equivalent performance as listed below.

- Green Building Council of Australia (GBCA) Green Star (minimum 5 Star or above).

**Impact Indicators:** Green or equivalent certifications obtained.

**Project Alignment:** Given the diversity of functional building types included in the Project, three separate applications have been made to the GBCA as noted in the table below.

**Table 1: Applications to the Green Building Council of Australia**

<b>Project</b>	<b>Stage 4 – Lincoln Building</b>	<b>Stage 5a 1 Central Courtyard</b>	<b>Stage 5b Residential Student Accommodation Buildings R1 &amp; R2</b>
<b>Project Description</b>	Refurbishment of office space and provision of 6 new retail spaces.	New learning and teaching building, retail spaces and graduation hall.	342 bed student accommodation across two buildings with common podium.
<b>Rating Tool</b>	Green Star – Design and As Built v1.2		
<b>Project Size (GFA)</b>	2,568m <sup>2</sup>	15,400m <sup>2</sup>	11,950m <sup>2</sup>
<b>Desired rating</b>	5.0 Star Green Star		
<b>Rating Type</b>	Major Refurbishment	New Construction	New Construction
<b>Space Use</b>	Class 5/6	Class 5/6/9b	Class 3/7a/9b
<b>GBCA Project Registration Number</b>	GS-4589DA	GS-4588DA	GS-4587DA

**Note:** Stage 2 of the Central Courtyard Redevelopment, which comprises the landscape treatment of the public realm, is captured within Green Star assessment of the adjacent buildings).

# Macquarie University Sustainable Financing Framework:

## Impact Measure 02

### Green: Environmentally Sustainable Management of Living Natural Resources and Land Use





## IMPACT MEASURE 02

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**Eligible Category:** 2.1.1 Green: Environmentally Sustainable Management of Living Natural Resources and Land Use.

**Eligibility Projects:** Preservation or restoration of natural landscapes including biodiversity conservation and wetland projects such as the Mars Creek and Bushcare programs.

- Impact Indicators – the amount of land covered by open space (ha and %);
- Amount of land covered by trees, plants, shrubs etc. (ha and %);
- Number of trees planted;
- Avoidance or reduction of biodiversity loss (# of species);
- Quality enhancement of soil and/or land and/or water through management practices associated with land use specific projects.

**Project Alignment:**

Macquarie University has two creeks traversing campus:

- University Creek catchment is 94.4 ha – 30 per cent within Macquarie University land;
- Mars Creek catchment is 118.3 ha – 70 per cent within Macquarie University land.

**Image 3: Mars Creek Catchment (red outline) and the University Boundary (yellow outline)**





## Discharge of run-off

Upstream (off campus) flows are contained within subterranean stormwater systems collecting runoff from the local district (roads, roofs, parkland etc). Once on campus, these subterranean systems are discharged into two creeks, which discharge downstream into the Lane Cove River (via the Lane Cove National Park) which is an upper tributary of Sydney Harbour.

Since 2010, Macquarie University has progressively reinstated the creeks and associated riparian zones to their natural state, and in doing so, installed intervention devices that include some form of detention, retention (e.g. water reuse or infiltration system), water quality infrastructure and biodiversity zones to protect the in-stream environment.

The above interventions, together with large areas of the catchment that allow storm water runoff to be intercepted by our landscape, create significant amelioration of 'Urban Stream Syndrome' impacts of extreme/erosive storm flows and suppressed dry-weather flows.

Typical performance criteria resulting from this water quality infrastructure includes the reduction in the mean annual load of:

- Gross pollutants – 90 per cent;
- Total suspended solids – 80 per cent;
- Total Phosphorus – 65 per cent;
- Total Nitrogen – 45 per cent.

To date, the progressive reinstatement of the creek lines and rehabilitation of associated vegetated riparian zones, across 50 per cent of the University's creek landscape, has added 60,000 native plants along 800 metres of creek edge.

The benefits to this combined water catchment and Creek Rehabilitation Strategy are:

- Improved amenity for the Macquarie University community;
- Flood mitigation, both on campus, and to the downstream flows in the Lane Cove River (Sydney Harbour);
- Water purification and pollution control.

## Mars Creek

The component of Mars Creek which transverses Macquarie University is approximately 1,220 metres in length and is broken down into six reaches. The Macquarie University Central Courtyard Project (MUCCP) Stage 7 Mars Creek Rehabilitation Works, is the rehabilitation of the 130m section of Mars Creek known as Reach 3 which makes up 11 per cent of the 1,220 metres of the total length that transverses campus.

**Table 2: Mars Creek Rehabilitation Status**

Reach Identity	Length (m)	% of total within campus	Riparian Corridor width	Period of Re-vegetation
Mars Creek Reach 1	240	20%	25 m	2012-2013
Mars Creek Reach 2	405	33%	15-30m	2008-2011
Mars Creek Reach 3	130	11%	20 m	Stage 7 Mars Creek Rehabilitation Works
Mars Creek Reach 4 (Campus Lake)	225	18%	n/a	n/a
Mars Creek Reach 5	115	9%	n/a	n/a
Mars Creek Reach 6 (bushland reach)	105	9%	30 m	2008-present
	1,220	100%		

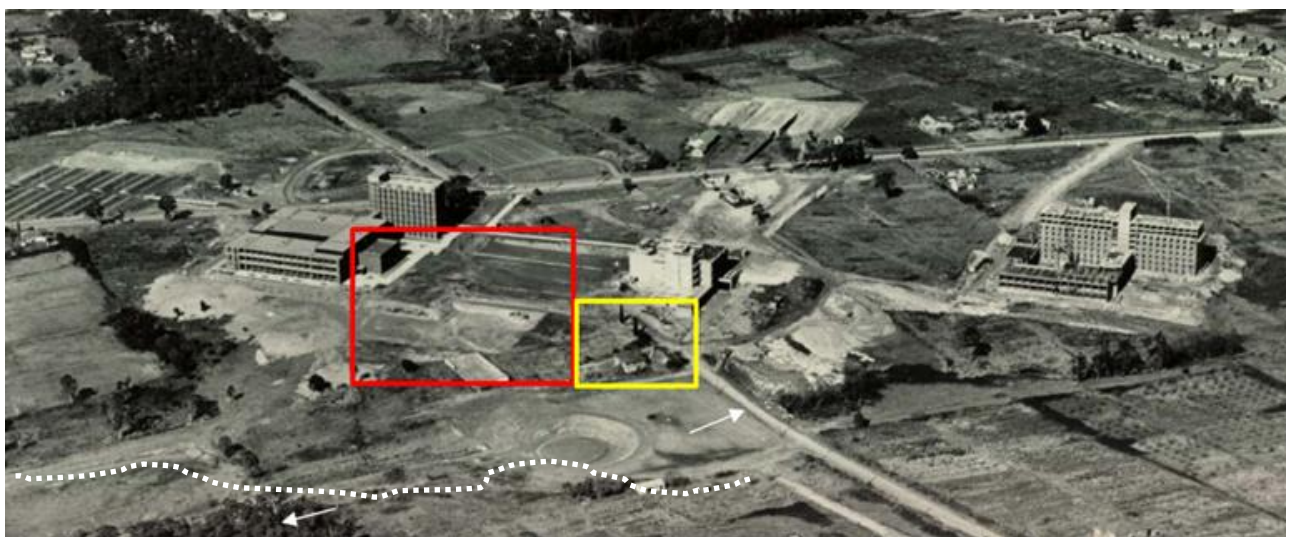
### **Macquarie University Central Courtyard Project – Stage 7 Mars Creek Reach 3 Rehabilitation Works**

The following Images 4 - 7 indicate the reaches of Mars Creek, the existing condition and site context

**Image 4: The reaches of Mars Creek**



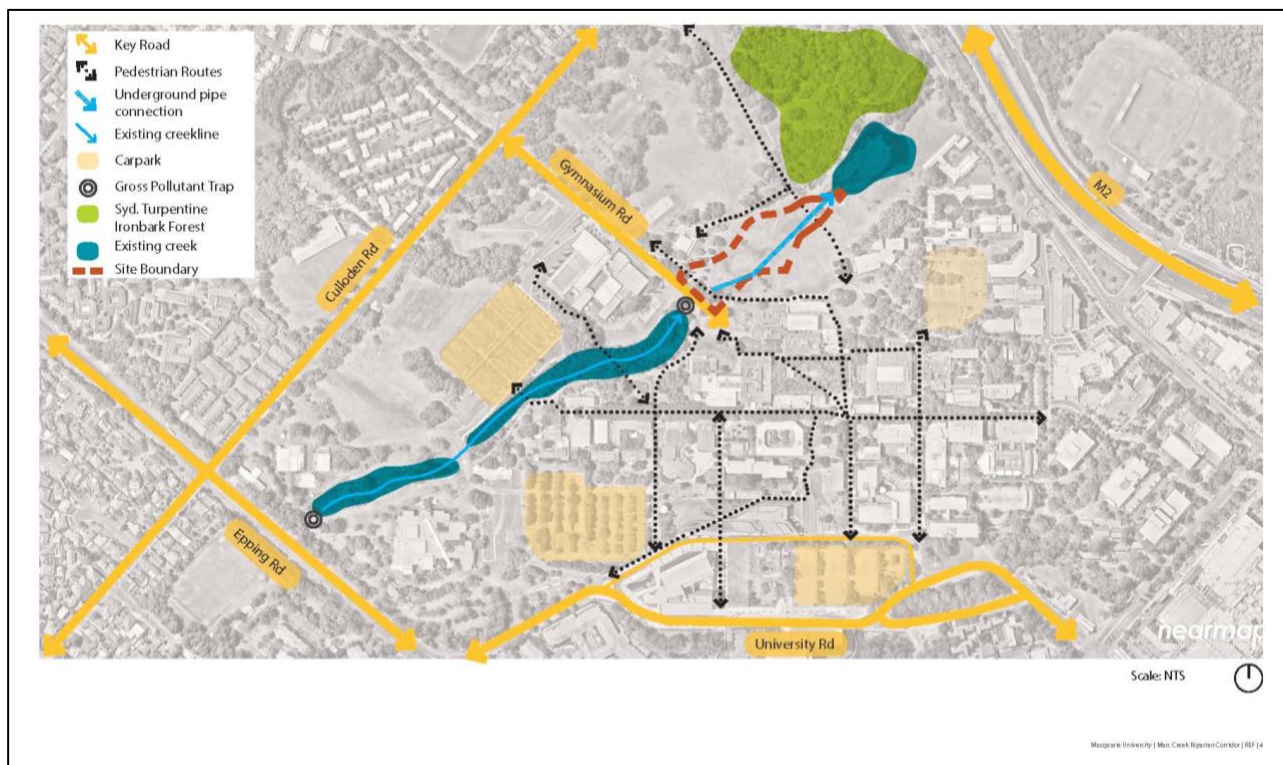
**Image 5: The University under construction in 1967, looking south east towards the Central Courtyard Precinct (Stage 5a is indicated in red, 5b in yellow)**



**Note** – The dotted lines indicate the former path of Mars creek directly before it was piped underground.



**Image 6: Mars Creek - Reach 3 Site Context**



**Image 7: An aerial photo indicating the ‘ends’ of Mars Creek Reach 3 in 2018**





### The Rehabilitation of Mars Creek Reach 3

The rehabilitation of Mars Creek Reach 3, focuses on ameliorating the habitat 'truncations' from previous hard engineering works originating in the 1960s. This includes 'daylighting' or opening up a section of creek that was piped in a subterranean stormwater system for more than 50 years ago.

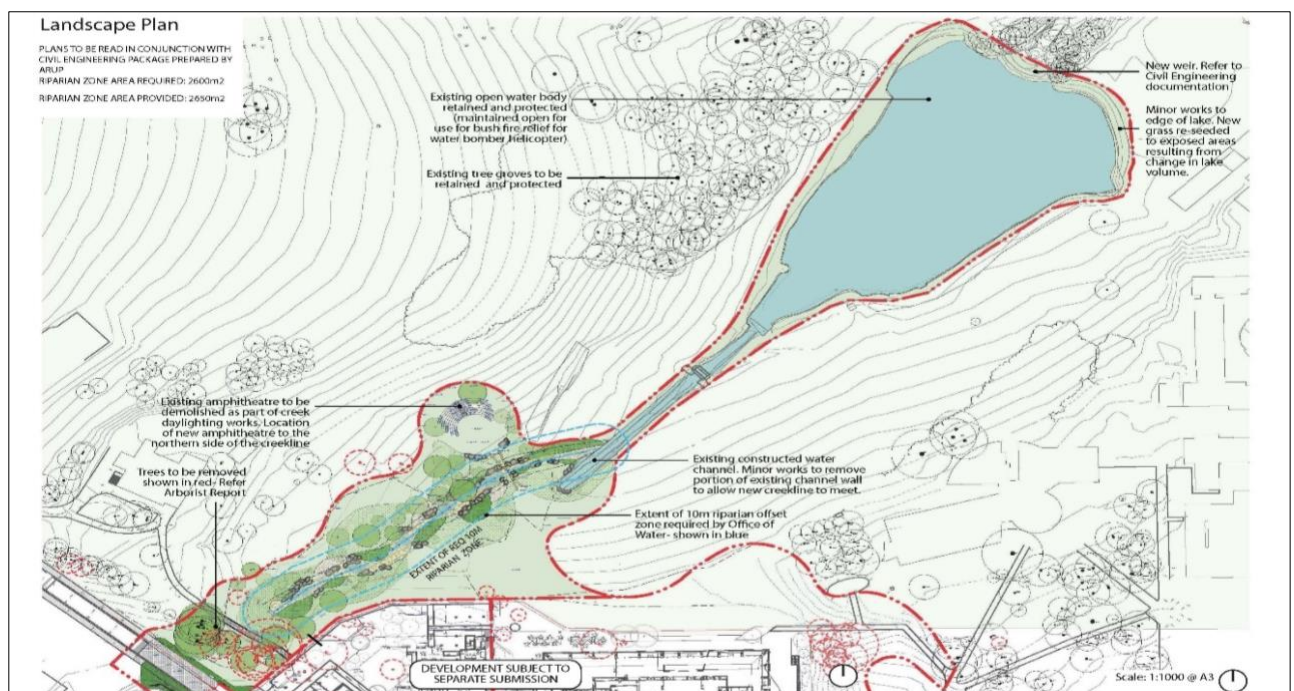
The works will create a new naturalised surface channel through a section of the original creek bed, and in doing so, reinstate the riparian zone of approximately 20 metres in width. Additional habitat features will include a re-made culvert inlet that will offer native freshwater eels a new migration route from their existing habitat in the university's lake, to the rehabilitated upper reaches of Mars Creek.

### Key Landscape Design Principles

The proposed Mars Creek works within the Reach 3 zone described above adhere to the general design principles listed below:

- The implementation of environmentally sustainable design principles;
- Storm water management including water sensitive urban design initiatives (WSUD) such as bio swales;
- New tree planting to offset existing tree removal in the vicinity of the proposed works;
- High quality, low maintenance materials and planting;
- Ensure that the public domain has been designed with regard to crime prevention through environmental design (CPTED) principles;
- Provide bed and bank stability and reducing bank and channel erosion;
- Provide an interface or buffer between developments and waterways
- Provide passive recreational uses.

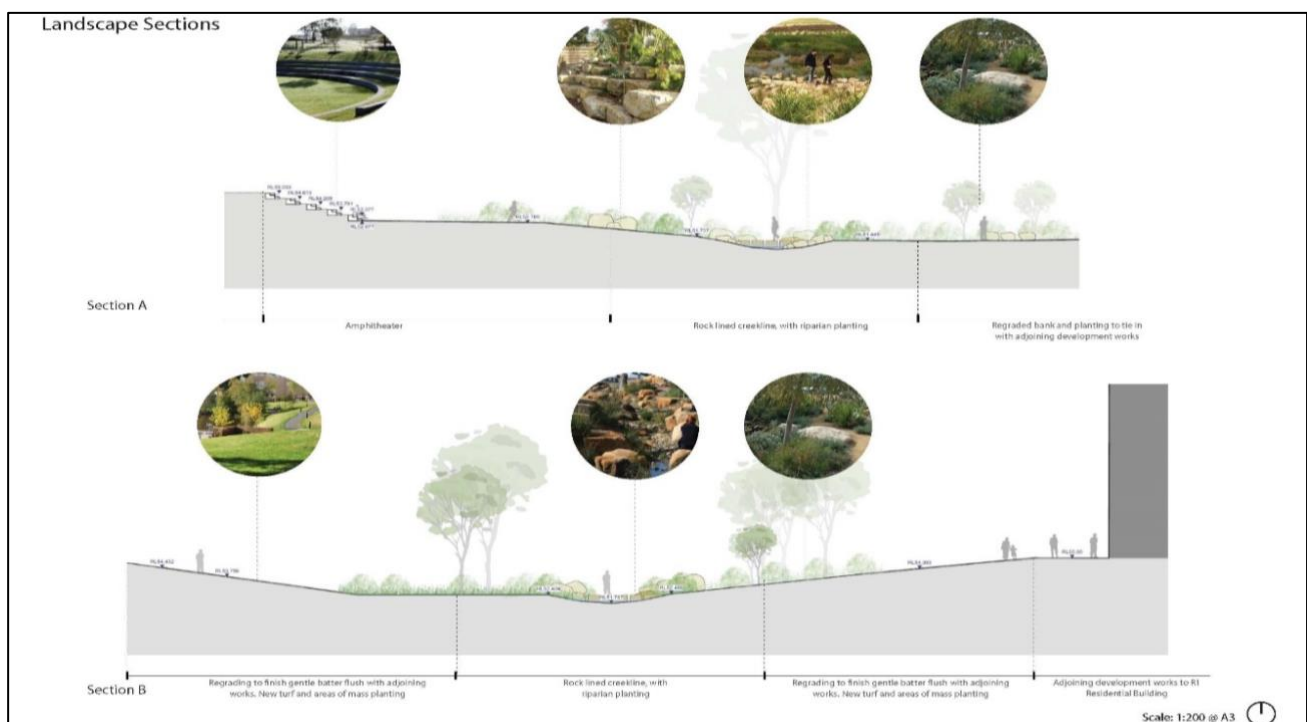
**Image 8: Landscape Plan**



**Image 9: Landscape Detail Plan**



**Image 10: Landscape Sections**





























**Image 11: Tree Removal / Retention Plan****Image 12: Indicative Planting Palette**

Botanic Name	Common Name	
<b>Trees</b>		
<i>Angophora costata</i>	Smooth Bark Apple	
<i>Corymbia gummifera</i>	Red Bloodwood	
<i>Eucalyptus globoides</i>	White Stringy Bark	
<i>Eucalyptus paniculata</i>	Grey Ironbark	
<i>Eucalyptus piperita</i>	Sydney Peppermint	
<i>Eucalyptus pilularis</i>	Blackbutt	
<i>Melaleuca decora</i>	White Feather Myrtle	
<i>Syncarpia glomulifera</i>	Turpentine	
<b>Shrubs</b>		
<i>Acacia longifolia</i>	Sydney Golden Wattle	
<i>Acacia terminalis</i>	Sunshine Wattle	
<i>Banksia ericifolia</i>	Heath Banksia	
<i>Banksia spinulosa</i>	Hairpin Banksia	
<i>Breynia oblongifolia</i>	Coffee Bush	
<i>Dodonaea triquetra</i>	Common Hop Bush	
<i>Doryanthes excelsa</i>	Gymea Lily	
<i>Isopogon anemonifolius</i>	Broad Leaf Drumsticks	
<i>Leptospermum trinervium</i>	Tea Tree	
<i>Persea laevis</i>	Dark Papery Bark	
<b>Grasses, sedges + Groundcovers</b>		
<i>Baumea articulata</i>	Jointed Twig Rush	
<i>Carex appressa</i>	Tall Sedge	
<i>Cyperus gracilis</i>	McCoy Grass	
<i>Dianella revoluta</i>	Flax Lily	
<i>Danthonia racemosa</i>	Wallaby Grass	
<i>Eleocharis spicelata</i>	Tall Spike Rush	
<i>Gahnia sieberiana</i>	Saw Sedge	
<i>Hardenbergia violacea</i>	Happy wanderer	
<i>Imperata cylindrica</i>	Kunal Grass	
<i>Isoplepis nodosa</i>	Knobby Club Rush	
<i>Juncus ustulatus</i>	Common Rush	
<i>Lomandra glauca</i>	Pale Matt Rush	
<i>Lomandra longifolia</i>	Common Matt Rush	
<i>Pandorea pandorana</i>	Wonga Wonga Vine	
<i>Themeda australis</i>	Kangaroo Grass	

<b>TREES</b>					
					
<i>Angophora costata</i>	<i>Corymbia gummifera</i>	<i>Eucalyptus globoides</i>	<i>Eucalyptus paniculata</i>	<i>Eucalyptus piperita</i>	<i>Melaleuca decora</i>
<b>SHRUBS</b>					
					
<i>Acacia longifolia</i>	<i>Acacia terminalis</i>	<i>Banksia ericifolia</i>	<i>Banksia spinulosa</i>	<i>Breynia oblongifolia</i>	<i>Dodonaea triquetra</i>
<b>GRASSES, SEDGES + GROUNDCOVERS</b>					
					
<i>Baumea articulata</i>	<i>Carex appressa</i>	<i>Cyperus gracilis</i>	<i>Dianella revoluta</i>	<i>Eleocharis spicelata</i>	<i>Gahnia sieberiana</i>
					
<i>Hardenbergia violacea</i>	<i>Imperata cylindrica</i>	<i>Isoplepis nodosa</i>	<i>Juncus ustulatus</i>	<i>Lomandra glauca</i>	<i>Pandorea pandorana</i>





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# Sustainability Financing Framework

2020 2nd Party Opinion - Sustainalytics Annual Review

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# Macquarie University

**Type of Engagement:** Annual Review

**Date:** September 24, 2020

**Engagement Leader:**

Amanda Ackerman, amanda.ackerman@sustainalytics.com, (+31) 20 205 00 88

## Introduction

In 2018, Macquarie University (MQU) issued sustainability bonds aimed at financing green and social projects. Financing may include instruments such as bonds and loans that contribute towards sustainable development by earmarking the proceeds to projects/expenditures that fall within the eligible categories defined in the Macquarie University Sustainable Financing Framework. In September 2020, MQU engaged Sustainalytics to review the projects funded through the issued sustainability bond and provide an assessment as to whether the projects met the Use of Proceeds criteria and the Reporting commitments outlined in the Macquarie University Sustainable Financing Framework.

## Evaluation Criteria

Sustainalytics evaluated the projects and assets funded during the reporting period 1st September 2019 – 31st August 2020 based on whether the projects and programmes:

1. Met the Use of Proceeds and Eligibility Criteria outlined in the Macquarie University Sustainable Financing Framework; and
2. Reported on at least one of the Key Performance Indicators (KPIs) for each Use of Proceeds criteria outlined in the Macquarie University Sustainable Financing Framework.

Table 1 lists the Use of Proceeds, Eligibility Criteria, and associated KPIs.

**Table 1: Use of Proceeds, Eligibility Criteria, and associated KPIs**

Use of Proceeds	Eligibility Criteria	Key performance indicators (KPIs)
Green Buildings	<ul style="list-style-type: none"> <li>• New construction and/or renovation of existing buildings that follow strong Ecologically Sustainable Design (ESD) Principles*</li> <li>• New construction and/or renovation of existing buildings that have or will receive any one of the following certifications/ratings or demonstrate equivalent performance:               <ul style="list-style-type: none"> <li>○ National Australian Built Environment Rating System (NABERS) – minimum 4.5 Star or above; or</li> <li>○ Green Building Council of Australia (GBCA) Green Star – minimum 5 Star or above; or</li> <li>○ For renovations or upgrades of existing buildings, deliver a minimum [30%] reduction in carbon emissions intensity</li> <li>○ Any other good green design label, that can be demonstrated to be equal or better than above</li> </ul> </li> <li>• Procurement of sustainably sourced building materials - including certified products (such as FSC timber), or</li> </ul>	<ul style="list-style-type: none"> <li>• Green or equivalent certifications obtained</li> <li>• ESD principles scorecard<sup>1</sup></li> <li>• Materials sourced sustainably (including certified products, recycled content) (%)</li> </ul>

<sup>1</sup> The ESD Principles Scorecard ensures design initiatives have been included to provide performance equivalent to that of a 5 Star rated project under the nominated Green Star tool. This performance is to be achieved in the construction of the building in order to provide equivalence to an As Built rating



	products containing recycled content (such as concrete, glass)	
<b>Environmentally Sustainable Management of Living Natural Resources and Land Use</b>	<ul style="list-style-type: none"> <li>• Preservation or restoration of natural landscapes including biodiversity conservation and wetland projects such as the Mars Creek and Bushcare programs</li> </ul>	<ul style="list-style-type: none"> <li>• Amount of land covered by open space (ha and %)</li> <li>• Amount of land covered by trees, plants, shrubs etc. (ha and %)</li> <li>• Number of trees planted</li> <li>• Avoidance or reduction of biodiversity loss (# of species)</li> <li>• Quality enhancement of soil and/or land and/or water through management practices associated with land use specific projects</li> </ul>

## Issuing Entity's Responsibility

MQU is responsible for providing accurate information and documentation relating to the details of the projects that have been funded, including description of projects, estimated and realized costs of projects, and project impact.

## Independence and Quality Control

Sustainalytics, a leading provider of ESG and corporate governance research and ratings to investors, conducted the verification of MQU's Sustainability Bond Use of Proceeds. The work undertaken as part of this engagement included collection of documentation from MQU employees and review of documentation to confirm the conformance with the Macquarie University Sustainable Financing Framework.

Sustainalytics has relied on the information and the facts presented by MQU with respect to the Nominated Projects. Sustainalytics is not responsible nor shall it be held liable if any of the opinions, findings, or conclusions it has set forth herein are not correct due to incorrect or incomplete data provided by MQU.

Sustainalytics made all efforts to ensure the highest quality and rigor during its assessment process and enlisted its Sustainability Bonds Review Committee to provide oversight over the assessment of the review.

## Conclusion

Based on the limited assurance procedures conducted,<sup>2</sup> nothing has come to Sustainalytics' attention that causes us to believe that, in all material respects, the reviewed bond projects, funded through proceeds of MQU's Sustainability Bond, are not in conformance with the Use of Proceeds and Reporting Criteria outlined in the Macquarie University Sustainable Financing Framework.

<sup>2</sup> Sustainalytics limited assurance process includes reviewing the documentation relating to the details of the projects that have been funded, including description of projects, and project impact, which were provided by the Issuer. The Issuer is responsible for providing accurate information. Sustainalytics has not conducted on-site visits to projects.

## Detailed Findings

**Table 3: Detailed Findings**

<b>Eligibility Criteria</b>	<b>Procedure Performed</b>	<b>Factual Findings</b>	<b>Error or Exceptions Identified</b>
<b>Use of Proceeds Criteria</b>	Verification of the projects funded by the sustainable bond during the reporting period 1 <sup>st</sup> September 2019 – 31 <sup>st</sup> August 2020 to determine if projects aligned with the Use of Proceeds Criteria outlined in the Macquarie University Sustainable Financing Framework and above in Table 1.	All projects reviewed complied with the Use of Proceeds criteria.	None
<b>Reporting Criteria</b>	Verification of the projects funded by the sustainability bond during the reporting period 1 <sup>st</sup> September 2019 – 31 <sup>st</sup> August 2020 to determine if impact of projects was reported in line with the KPIs outlined in the Macquarie University Sustainable Financing Framework and above in Table 1. For a list of KPIs reported please refer to Appendix 1.	All projects reviewed reported on at least one KPI per Use of Proceeds criteria.	None



## Appendices

### Appendix 1: Impact Reporting by Eligibility Criteria

Use of Proceeds and Eligibility Criteria Category	Environmental Impact Reported by Eligibility Criteria
<b>Green Buildings</b>	<p><b>Lincoln Building:</b></p> <p>5 Star Green Star – Design &amp; As Built v1.2 rating tool (Australian Excellence)</p> <p>Status: Construction commenced May 2019. Completion scheduled for Q4 2020</p> <p><b>Student Accommodation in buildings R1 and R2:</b></p> <p>5 Star Green Star – Design &amp; As Built v1.2 rating tool (Australian Excellence)</p> <p>Status: Construction commenced May 2019. Completion scheduled for Q1 2021</p> <p><b>One central Courtyard Building:</b></p> <p>5 Star Green Star – Design &amp; As Built v1.2 rating tool (Australian Excellence)</p> <p>Status: Construction commenced May 2019. Completion scheduled for Q1 2021</p>
<b>Environmentally Sustainable Management of Living Natural Resources and Land Use</b>	<p><b>Mars Creek Rehabilitation:</b></p> <p>The rehabilitation of Mars Creek Reach 3 focuses on ameliorating the habitat 'truncations' from previous hard engineering works originating in the 1960s. This includes 'daylighting' or opening up a section of creek that was piped in a subterranean stormwater system for more than 50 years ago.</p> <p>The works will create a new naturalised surface channel through a section of the original creek bed, and in doing so, reinstate the riparian zone of approximately 20 metres in width. Additional habitat features will include a re-made culvert inlet that will offer native freshwater eels a new migration route from their existing habitat in the university's lake, to the rehabilitated upper reaches of Mars Creek.</p> <p>Status: Construction commenced May 2019. Completion scheduled for Q1 2021</p>

## Appendix 2: Allocation Reporting

Sustainability Financing Framework						
Allocation Register						
			Projects currently funded	Projects Earmarked for Future Funding		To be Allocated
Identifier/ISIN	F&FC Meeting Reference	Principal Amount	MUCCP (Stages 2, 4, 5 & 7)	Law Building	Physics, Astronomy & Engineering Building	
AU3CB0256279	27 <sup>th</sup> May 2019	\$200.0m	\$200.0 m			
AU3CB0256295	27 <sup>th</sup> May 2019	\$50.0m	\$50.0m			
AU3CB0268399	11 <sup>th</sup> Feb 2020	\$160.0m			\$130.0m	\$30.0m
AU3CB0268472	11 <sup>th</sup> Feb 2020	\$90.0m	\$10.0m	\$60.0m	\$20.0m	
	<b>Total</b>	<b>\$500.0M</b>	<b>\$260.0m</b>	<b>\$60.0m</b>	<b>\$150.0m</b>	<b>\$30.0m</b>



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