

Green Bond Fact Sheet

National University of Singapore			Date: 30/06/2020
Issue date: 03-06-2020 Maturity date: 03-06-2030 Tenor: 10			
Issuer name	National University of Singapore	Amount issued	SGD300m/USD222m
Country of risk	Singapore	CBI Database	Included
Issuer type ¹	Non-Financial Corporate	Bond type	Sr Unsecured
Green bond framework	Link to Framework	Second party opinion	N/A
Certification Standard	Not certified	Assurance report	EY
Certification verifier	N/A	Green bond rating	N/A
Use of Proceeds			
<input type="checkbox"/> Energy	<input type="checkbox"/> Solar <input type="checkbox"/> Onshore wind <input type="checkbox"/> Offshore wind <input type="checkbox"/> Geothermal <input type="checkbox"/> Hydro	<input type="checkbox"/> Tidal <input type="checkbox"/> Biofuels <input type="checkbox"/> Bioenergy <input type="checkbox"/> District heating <input type="checkbox"/> Electricity grid	<input type="checkbox"/> Energy storage <input type="checkbox"/> Energy performance <input type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Buildings	<input type="checkbox"/> Certified Buildings <input type="checkbox"/> HVAC systems <input type="checkbox"/> Energy performance	<input type="checkbox"/> Water performance <input type="checkbox"/> Energy storage/meters <input type="checkbox"/> Other energy related	<input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Transport	<input type="checkbox"/> Electric vehicles <input type="checkbox"/> Low emission vehicles <input type="checkbox"/> Bus rapid transit <input type="checkbox"/> Passenger trains <input type="checkbox"/> Urban rail	<input type="checkbox"/> Freight rolling stock <input type="checkbox"/> Coach / public bus <input type="checkbox"/> Bicycle infrastructure <input type="checkbox"/> Energy performance	<input type="checkbox"/> Transport logistics <input type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Water & wastewater	<input type="checkbox"/> Water distribution <input type="checkbox"/> Water treatment <input type="checkbox"/> Wastewater treatment <input type="checkbox"/> Water storage	<input type="checkbox"/> Storm water mgmt <input type="checkbox"/> Flood protection <input type="checkbox"/> Desalinisation plants <input type="checkbox"/> Erosion control <input type="checkbox"/> Energy performance	<input type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience

<input type="checkbox"/> Waste management	<input type="checkbox"/> Recycling <input type="checkbox"/> Waste prevention <input type="checkbox"/> Pollution control	<input type="checkbox"/> Landfill, energy capture <input type="checkbox"/> Energy performance <input type="checkbox"/> Infrastructure	<input type="checkbox"/> Waste to energy <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Land use & agriculture	<input type="checkbox"/> Afforestation/parks <input type="checkbox"/> FSC Forestry <input type="checkbox"/> FSC Cellulose & paper	<input type="checkbox"/> Land remediation <input type="checkbox"/> Energy/water efficiency	<input type="checkbox"/> Sustainable agriculture <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Other	<input type="checkbox"/> Adaptation & resilience	<input type="checkbox"/> ICT	<input type="checkbox"/> Industry: process
Issue details			
Reporting	<p>Starting from the first anniversary of its inaugural issuance National University of Singapore will report on an annual basis until full allocation. For loans there will be a report to the lenders upon request.</p> <p>The report may include the following information: the total amount of proceeds allocated per eligible green project category, key projects financed, including their respective descriptions and allocated amounts and unallocated amounts. If any, the impact report will contain where relevant and feasible indicators that correspond with the appropriate indicators for the projects being allocated as well as the generic campus sustainability indicators.</p>		
Company information	<p>National University of Singapore was established in 1980. In its current form it was corporatised and established as a non-profit public company. The university has 29 university-level research institutes and centres.</p>		
Firsts, records and certifications			
Proceeds description	<p>The framework covers the following eligible projects:</p> <ul style="list-style-type: none"> Green buildings/precinct: Buildings with green building certificates Renewable energy and energy efficiency infrastructure and systems: Installation of renewable energy facilities such as solar panels, energy storage, fuel cells, smart grid and power automation Sustainable water and wastewater management: Upgrading water related facilities for better efficiency Pollution prevention and control: Purchasing of building material derived from recycled content, low-carbon emissions or certified by approved local certification bodies as well as waste prevention, reduction and recycling Environmentally sustainable management of living natural resources and land use: Preservation or restoration of natural landscapes including biodiversity conservation and facility and infrastructure new build or upgrades that contribute to sustainability related research programs including urban climate (vulnerability) studies 		
Climate Bonds view	<p>This is the first university in Asia to issue a green bond. The framework is very informative and comprehensive, providing a good level of transparency for investors. Not many universities have issued green bonds and most of the volume currently comes from the US and Australia. The National University of Singapore has raised one of the largest amounts of funding among all the universities active in the green bond market.</p>		
Underwriters	DBS		
Deal comments			

Credit rating	
Pricing summary	<ul style="list-style-type: none"> Yield: 1.565% Coupon: 1.565% Price: 100%
Investors summary	

¹ Issuer categories: ABS, development bank, financial corporate, government-backed entity, loan, local government, non-financial corporate, sovereign