

## Green Bond Fact Sheet

Gunma Bank		Date: 06/12/2019	
Issue date: 26-11-2019 Maturity date: 26-11-2029 Tenor: 10			
Issuer Name	Gunma Bank	Amount Issued	JPY10bn/USD92m
Country of risk	Japan	CBI Database	Included
Issuer Type <sup>1</sup>	Financial Corporate	Bond Type	Unsecured
Green Bond Framework	N/A	Second party opinion	<a href="#">Sustainalytics</a>
Certification Standard	Not certified	Assurance report	N/A
Certification Verifier	N/A	Green bond rating	N/A
Use of Proceeds			
<input checked="" type="checkbox"/> Energy	<input checked="" type="checkbox"/> Solar <input type="checkbox"/> Onshore wind <input type="checkbox"/> Offshore wind <input type="checkbox"/> Geothermal <input checked="" type="checkbox"/> Hydro	<input type="checkbox"/> Tidal <input checked="" type="checkbox"/> Biofuels <input checked="" 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 checked="" type="checkbox"/> Buildings	<input type="checkbox"/> Certified Buildings <input type="checkbox"/> HVAC systems <input checked="" 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 checked="" 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"/> Land remediation <input type="checkbox"/> Sustainable agriculture <input type="checkbox"/> FSC Forestry <input type="checkbox"/> Energy/water efficiency <input type="checkbox"/> Adaptation & resilience <input type="checkbox"/> FSC Cellulose & paper
<input type="checkbox"/> Other	<input type="checkbox"/> Adaptation & resilience <input type="checkbox"/> ICT <input type="checkbox"/> Industry: process
<b>Issue details</b>	
<b>Reporting</b>	Gunma Bank intends to annually disclose information on proceeds allocation and environmental impact on its website. Allocation reporting will cover items such as the amount of proceeds allocated to each eligible category, the amount of unallocated proceeds, and balance of its green bonds. Impact reporting will cover environmental impact metrics such as CO <sub>2</sub> reduction for renewable energy, energy efficiency, clean transportation as well as the number of allocated buildings and types and levels of third-party certification obtained or to be obtained for green buildings.
<b>Company information</b>	Gunma Bank is a regional bank which provides banking services as its core business, as well as leasing, securities, consulting, guarantee and other services through its group companies.
<b>Firsts, records and certifications</b>	
<b>Proceeds description</b>	<p>Proceeds will finance a range of projects across sectors: renewable energy (solar, biomass, and hydro), energy efficiency, green buildings and green transportation (FCVs and EVs).</p> <p>Energy from biomass will be sourced from waste products only, while hydro generation is limited to very small projects (max 25MW installed capacity).</p> <p>Energy efficiency underpins instalment of energy efficient equipment such as LED lighting and air conditioning. Certification schemes such as CASBEE (S, A, or B+), DBJ Green Building (five, four or three stars) and BELS (five, four or three stars) are used to determine green buildings eligibility.</p>
<b>Climate Bonds view</b>	CBI welcomes transparency around proceeds allocation towards more controversial sectors, such as energy production from hydro and biomass. This facilitates evaluation for compliance with the Climate Bonds Methodology.
<b>Underwriters</b>	SMBC, Nomura, MUFG, Daiwa, Mizuho
<b>Deal comments</b>	
<b>Credit Rating</b>	
<b>Pricing summary</b>	
<b>Investors summary</b>	

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