

## Green Bond Fact Sheet

Japan Railway Construction, Transport and Technology Agency			Date: 04-Jun-2018
Issue date: 27-Feb-2018 Maturity date: 26-Feb-2038 Tenor: 20			
Issuer Name	JRTT Japan Railway Construction, Transport and Technology Agency	Amount Issued	JPY24.5bn (USD228.3m)
Country of risk	Japan	CBI Database	Included
Issuer Type <sup>1</sup>	Government-Backed Entity	Bond Type	Green Bond
Green Bond Framework	N/A	Second party opinion	N/A
Certification Standard	Not certified	Assurance report	N/A
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"/> Waste to energy <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 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 checked="" 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"/> Desalination 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"/> 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
<b>Issue details</b>			
<b>Reporting</b>	The issuer will report annually on proceed allocation and CO2/ NOx emission reductions. The information will be made publicly available on JRJT's <a href="#">website</a> .		
<b>Company information</b>	The Japan Railway Construction, Transport and Technology Agency (JRJT) operates as an independent administrative institution undertaking railway improvement projects in Japan.		
<b>Firsts, records and certifications</b>	First Japanese green bond issuer from the public transport sector.		
<b>Proceeds description</b>	The deal will finance the development of the Eastern Kanagawa Lines "Enhancement of Convenience of Urban Railways" project. The lines will link the western part of Yokohama City and the central part of the Kanagawa Prefecture with the Tokyo metropolitan area. The project is expected to reduce around 1800 tons of CO2 per year and 18 tons of NOx per year.		
<b>Climate Bonds view</b>	This is JRJT's second green bond following their debut JPY20bn (USD176m) issuance in November 2017. The deal was previously placed as pending due to lack of clarity on proceed allocations. Thanks to the provision of additional documentation by the lead underwriter, Mizuho, we were able to confirm the bond's compliance with the Climate Bonds Taxonomy and include it in our database.		
<b>Underwriters</b>	Mizuho, Daiwa, MUFG, Nomura		
<b>Deal comments</b>			
<b>Credit Rating</b>	AA (R&I), A1 (Moody's)		
<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