

Green Bond Fact Sheet

Jiangsu Guoxin Investment Group Ltd			Date: 09-Feb-2019
Issue date: 30-Jan-2019 Maturity date: 30-Jan-2022 Tenor: 3			
Issuer Name	Jiangsu Guoxin Investment Group Ltd	Amount Issued	CNY1bn (USD149m)
Country of risk	China	CBI Database	N/A
Issuer Type ¹	Government-backed entity	Bond Type	Green Bond
Green Bond Framework	N/A	Second party opinion	Lvrong Green Finance
Certification Standard	N/A	Assurance report	N/A
Certification Verifier	N/A	Green bond rating	N/A
Use of Proceeds			
<input checked="" type="checkbox"/> Energy	<input 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 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 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"/> 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"/> Landfill, energy capture <input type="checkbox"/> Industry: components <input type="checkbox"/> Waste prevention <input type="checkbox"/> Energy performance <input type="checkbox"/> Adaptation & resilience <input type="checkbox"/> Pollution control <input type="checkbox"/> Infrastructure
<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
Issue details	
Reporting	<p>The issuer promises that during the period of the green medium-term notes, all the proceeds will be used for green projects; if there is a change in the use of proceeds, the funds raised after the change are guaranteed to comply with laws, regulations and national policies, and used for green projects or repayment of green loans.</p> <p>The issuer also promises that the use of proceeds and progress of the projects will be disclosed half annual and annually.</p>
Company information	<p>Jiangsu Guoxin Investment Group Ltd was established in 2002 and is based in Jiangsu Province, China.</p> <p>The entity is the largest regional power supplier in the Jiangsu Province. Its business scope include state-owned capital investment, management, operation, transfer, corporate custody, asset restructuring, management consulting, house leasing and other approved business. In recent years the company's natural gas business has developed rapidly, and The Company is ranked among the top 100 real estate development enterprises in China, ranking fourth in Jiangsu Province.</p>
Firsts, records and certifications	
Proceeds description	<p>The bond finances the construction of a pumped storage power station equipped with six 250,000 kW mixed-flow reversible water pump turbine generator sets, with a total capacity of 1.5m kW. The annual power generation capacity of the power station is 2.007bn kWh, and the annual pumping capacity is 2.676bn kWh.</p>
Climate Bonds view	<p>Pumped-storage hydroelectricity allows energy from intermittent sources (such as solar and wind) and excess electricity from continuous base-load sources to be saved for periods of higher demand. The Ministry of Land and Resources approved a total of 1.96km² of construction land for the project, which gives a power density of at least 756.98w/m². The facility is contributing to a grid which has at least 20.3% share of intermittent renewables and since they've used Lvrong Green Finance conduct assessment on social and environmental risks we consider the intended use of proceeds to be aligned with our definition of green.</p>
Underwriters	Industrial Bank
Deal comments	

Credit Rating	AAA (CCXI)
Pricing summary	
Investors summary	

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