

## Green Bond Fact Sheet

Jiangxi Province of China			Date: 30/08/2019
Issue date: 18-06-2019 Maturity date: 18-06-2049 Tenor: 30			
Issuer Name	Jiangxi Province of China	Amount Issued	CNY300m/USD42m
Country of risk	China	CBI Database	Included
Issuer Type <sup>1</sup>	Local Government	Bond Type	Green muni bond
Green Bond Framework	N/A	Second party opinion	Lianhe Equator
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"/> 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 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 checked="" 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"/> 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"/> 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>	
<b>Company information</b>	Jiangxi is a province located in East China. The population of Jiangxi is approximately 39.66 million by 2017. Jiangxi has an annual GDP of roughly \$255 billion. Agriculture plays an important part in its economy, with rice being the province's dominant crop.
<b>Firsts, records and certifications</b>	This is the first green bond issued by a local government in China.
<b>Proceeds description</b>	<p>Together with Xijiang, Guangdong, Guiyang and Zhejiang, Jiangxi is a green finance pilot zone in China. This issuance marks the first municipal green bond from China. CNY300 million proceeds will be fully allocated to two utility tunnel projects. Utility tunnels, also known as common service tunnels, utilidors or underground pipeline corridors, are passages built underground to house utility lines such as electricity, water supply and sewer pipes, as well as telecommunications such as fibre optics, TV and telephone cables.</p> <p>One tunnel to be financed by this bond will include pipelines that are related to smart city management, such as water supply and fire control systems. The other tunnel will accommodate drinking water, recycled water, electricity, telecommunications and gas pipes.</p>
<b>Climate Bonds view</b>	<p>Together with Xinjiang, Guangdong, Guiyang and Zhejiang, Jiangxi province is a green finance pilot zone in China. We hope to see more issuance from the Chinese public sector, particularly from these pilot zones.</p> <p>Utility tunnels, also known as common service tunnels, utilidors or underground pipeline corridors, are passages built underground to house utility lines such as electricity, water supply and sewer pipes, as well as telecommunications such as fibre optics, TV and telephone cables. Instead of installing pipelines and cables individually, a tunnel that carries multiple facilities could enable easier subsequent repair and renewal with limited need for surface excavation. Therefore, it is considered as an eligible urban infrastructure by both China's local green bond catalogue and CBI. Accommodating gas pipeline in the tunnel is not ideal, but we included this bond considering the benefits of having the tunnel infrastructure itself which can avoid impact on air, vegetation, landscape, and soil use in the life cycle of the pipelines. Furthermore, we considered the fact that gas pipelines can also potentially be used for biofuels and hydrogen in the future.</p>
<b>Underwriters</b>	ICBC, Agricultural Bank of China, China Construction Bank, Bank of China, Bank of Communications, etc.
<b>Deal comments</b>	
<b>Credit Rating</b>	AAA (Brilliance Raing)
<b>Pricing summary</b>	

Investors summary

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