

Green Bond Fact Sheet

Huadian Fuxin Energy Corporation Limited			Date: 05-June-2018
Issue date: 15-March-2018 Maturity date: 15-March-2030 Tenor: 12 years			
Issuer Name	Huadian Fuxin Energy Corporation Limited	Amount Issued	CNY840mn (USD133m)
Country of risk	China	CBI Database	Included
Issuer Type ¹	Non-financial Corporate	Bond Type	Green ABS
Green Bond Framework	N/A	Second party opinion	Zhongcai Green Financing
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 checked="" 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 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"/> 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
Issue details			
Reporting			
Company information	Huadian Fuxin Energy Corporation Limited, with its subsidiaries, develops, manages and operates hydropower projects and coal-fired power plants in Fujian province. It also facilitates the capacity building of other clean energy projects such as wind power, solar power and biomass energy.		
Firsts, records and certifications			
Proceeds description	<p>The green ABS comprises 12 tranches. The subordinated tranche 12 has a 12-year tenor, while the senior 11 tranches have an initial term of three years and will be redeemed and refinanced every three years on adjusted terms in accordance with an expected rate of return mechanism. ABS summary features are available here.</p> <p>The deal is secured on the feed-in tariff receivables from solar and wind power projects of seven subsidiaries of Huadian Fuxin Energy Corporation Limited. The underlying assets comprise benchmark price, as well as partially and purely subsidized electricity revenue rights. The proceeds will be used for the development and operation of green industry projects.</p>		
Climate Bonds view	This is one of the more complicated funding structures we have seen for solar and wind assets and has been designed to match the cash flows of the seven subsidiaries, providing an example of how corporates can aggregate smaller funding requirements and combine different types of revenue streams across their group. While we are comfortable with the underlying assets' green credentials, we would hope to see more documents being made publicly available by the issuer.		
Underwriters	Ping An Securities Limited – TBC		
Deal comments			
Credit Rating	Dagong Global Credit Rating Co., Ltd.		
Pricing summary			
Investors summary			

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