

## Green Bond Fact Sheet

| Bank of Ningbo Co.,Ltd                                      |   |   | Date: 16-Jan-2019  |
|---|---|---|--|
| Issue date: 26-Oct-2018 Maturity date: 26-Oct-2021 Tenor: 3 |   |   |  |
| Issuer Name   | Bank of Ningbo Co.,Ltd  | Amount Issued   | CNY3bn (USD432m)   |
| Country of risk   | China   | CBI Database  | Included   |
| Issuer Type <sup>1</sup>                                    | Financial Corporate   | Bond Type   | Green Bond   |
| Green Bond Framework  | N/A   | Second party opinion  | N/A  |
| Certification Standard                                      | Not certified   | Assurance report  | EY   |
| Certification Verifier                                      | N/A   | Green bond rating   | N/A  |
| Use of Proceeds   |   |   |  |
| <input checked="" type="checkbox"/> Energy                  | <input checked="" type="checkbox"/> Solar<br><input type="checkbox"/> Onshore wind<br><input type="checkbox"/> Offshore wind<br><input type="checkbox"/> Geothermal<br><input type="checkbox"/> Hydro<br><input type="checkbox"/> Tidal | <input type="checkbox"/> Biofuels<br><input type="checkbox"/> Bioenergy<br><input type="checkbox"/> Waste to energy<br><input type="checkbox"/> District heating<br><input type="checkbox"/> Electricity grid | <input type="checkbox"/> Energy storage<br><input type="checkbox"/> Energy performance<br><input type="checkbox"/> Infrastructure<br><input type="checkbox"/> Industry: components<br><input type="checkbox"/> Adaptation & resilience |
| <input type="checkbox"/> Buildings                          | <input type="checkbox"/> Certified Buildings<br><input type="checkbox"/> HVAC systems<br><input type="checkbox"/> Energy performance  | <input type="checkbox"/> Water performance<br><input type="checkbox"/> Energy storage/meters<br><input type="checkbox"/> Other energy related   | <input type="checkbox"/> Industry: components<br><input type="checkbox"/> Adaptation & resilience  |
| <input checked="" type="checkbox"/> Transport               | <input type="checkbox"/> Electric vehicles<br><input type="checkbox"/> Low emission vehicles<br><input type="checkbox"/> Bus rapid transit<br><input type="checkbox"/> Passenger trains<br><input type="checkbox"/> Urban rail          | <input type="checkbox"/> Freight rolling stock<br><input checked="" type="checkbox"/> Coach / public bus<br><input type="checkbox"/> Bicycle infrastructure<br><input type="checkbox"/> Energy performance    | <input type="checkbox"/> Transport logistics<br><input checked="" type="checkbox"/> Infrastructure<br><input type="checkbox"/> Industry: components<br><input type="checkbox"/> Adaptation & resilience                                |
| <input checked="" type="checkbox"/> Water & wastewater      | <input type="checkbox"/> Water distribution<br><input type="checkbox"/> Water treatment<br><input checked="" type="checkbox"/> Wastewater treatment<br><input checked="" type="checkbox"/> Water storage                                | <input type="checkbox"/> Storm water mgmt<br><input type="checkbox"/> Desalination plants<br><input type="checkbox"/> Erosion control<br><input type="checkbox"/> Energy performance                          | <input type="checkbox"/> Infrastructure<br><input type="checkbox"/> Industry: components<br><input checked="" type="checkbox"/> Adaptation & resilience  |

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| <input checked="" type="checkbox"/> Waste management | <input checked="" type="checkbox"/> Recycling<br><input type="checkbox"/> Waste prevention<br><input type="checkbox"/> Pollution control<br><input type="checkbox"/> Landfill, energy capture<br><input type="checkbox"/> Energy performance<br><input type="checkbox"/> Infrastructure<br><input type="checkbox"/> Industry: components<br><input type="checkbox"/> Adaptation & resilience   |
| <input type="checkbox"/> Land use & agriculture      | <input type="checkbox"/> Afforestation/parks<br><input type="checkbox"/> FSC Forestry<br><input type="checkbox"/> FSC Cellulose & paper<br><input type="checkbox"/> Land remediation<br><input type="checkbox"/> Energy/water efficiency<br><input type="checkbox"/> Sustainable agriculture<br><input type="checkbox"/> Adaptation & resilience   |
| <input type="checkbox"/> Other                       | <input type="checkbox"/> Adaptation & resilience<br><input type="checkbox"/> ICT<br><input type="checkbox"/> Industry: process   |
| <b>Issue details</b>                                 |  |
| <b>Reporting</b>                                     | The bank states that the use of proceeds will be reported and receive external assurance annually.   |
| <b>Company information</b>                           | Bank of Ningbo's business scope including: absorbing public deposits; issuing short-term, medium-term and long-term loans; handling domestic and foreign settlements; handling bill acceptance and discounting; issuing financial bonds; acting for issuance and agency redemption; trading government bonds, financial bonds; engaging in interbank lending; engaging in bank card business; providing letter of credit services and guarantees; acting as payment and agency Providing safe deposit box services; Other businesses approved by the China Banking Regulatory Authority, the People's Bank of China and the State Administration of Foreign Exchange.  |
| <b>Firsts, records and certifications</b>            |  |
| <b>Proceeds description</b>                          | <p>The proceeds will be allocated to 14 projects under four categories: low carbon transport (buses and public transport systems), waste water treatment (existing waste water treatment facilities expansion and new facility development), recycling and water management (flood defence and water treatment). The issuer has disclosed examples of eligible projects, as well as detailed impact metrics.</p> <p>Examples listed in the prospectus include:</p> <ol style="list-style-type: none"> <li>(1) Clean transportation project – purchasing of 76 buses by a public transportation company in order to increase capacity.</li> <li>(2) Clean energy project, which is a distributed photovoltaic power generation system. The estimated annual average power generation is 6,084,300 kWh, with 2148 tons of standard coal to be saved every year, 189.6 tons of SO<sub>2</sub> emission reduction, 16.02 tons of NO<sub>x</sub> emissions reduction, and 5,391.1275 tons of CO<sub>2</sub> emission reduction.</li> <li>(3) The project of ecological protection and adaptation to climate change carries out water system adjustment to improve the flood control and drainage capacity of the area and eliminates the long-term black and foul water body and changes the appearance of the river channel. The project will effect on 6 city-level rivers, 6 district-level rivers and 20 town-level rivers with a total length of about 168,111m.</li> <li>(4) A sewage treatment plant expansion project to increase the water output capacity. It is expected to reduce pollutants in the river basin (COD expected to</li> </ol> |

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|                      | <p>be reduced to 50mg/l and the BOD to be reduced to 10mg/l.), improve the local water environment, ensure the safety of local drinking water upon project completion.</p> <p>(5) A copper-aluminium regeneration and deep processing project. The project purchases copper-aluminium alloy mixed scraps such as scrap copper, scrap aluminium, automobile motors, copper-aluminium water tanks, and is crushed, sorted, and smelted into copper alloy rods and aluminium alloy ingots. It is estimated that 126,000 tons of scrap metal scrap will be processed annually, and the expected recovery rate is 98.0%. Compare with virgin metal production, the recycled copper per ton is equivalent of saving 1,054 kg of standard coal and 395 cubic meters of water.</p> |
| Climate Bonds view   | The financed projects are aligned with the Climate Bonds Taxonomy and the issuer shows commitment to align to best practice by including expected impacts of projects at issuance.   |
| Underwriters         | CITIC, CMB   |
| <b>Deal comments</b> |  |
| Credit Rating        | AAA (CCXI)   |
| Pricing summary      |  |
| Investors summary    |  |

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