

Green Bond Fact Sheet

Arthaland		Date: 19/02/2020	
Issue date: 06-02-2020 Maturity date: 06-02-2025 Tenor: 5			
Issuer Name	Arthaland	Amount Issued	PHP3bn/USD59m
Country of risk	Philippines	CBI Database	Included
Issuer Type ¹	Non-Financial Corporate	Bond Type	Sr Unsecured
Green Bond Framework	N/A	Second party opinion	Vigeo Eiris
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 checked="" type="checkbox"/> Certified Buildings <input type="checkbox"/> HVAC systems <input checked="" 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"/> 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
Issue details	
Reporting	<p>Arthaland will provide allocation and impact reports. The allocation report will include:</p> <ul style="list-style-type: none"> • Amount or percentage of allocation to the green portfolio • Share of financing and refinancing reported at the category level • Examples of projects being financed • Balance of unallocated proceeds <p>The impact report will include the type of certifications and number of buildings in each type. There will also be estimated annual reduced and/or avoided emissions (in tons of CO₂ equivalent vs. the city/country benchmark).</p>
Company information	Arthaland provides real estate services in Philippines. It owns and develops various projects, including high rise commercial and residential buildings, residential townhouses, subdivisions, resorts, recreational centres, industrial estates and affordable housing.
Firsts, records and certifications	
Proceeds description	The proceeds will exclusively finance or refinance green buildings. This includes the development of new buildings, acquisition and renovation of completed buildings (commercial and residential). Buildings must fall under a standard such as LEED Gold or higher or BREEAM Excellent or higher. New and existing commercial and residential buildings that belong to the top 15% of low carbon buildings in their respective category and local context can also be financed.
Climate Bonds view	Despite being the smallest issuance from the Philippines so far, it's encouraging another entity seeking green funds in SE Asia. Arthaland is the first real estate company from this country to issue a green bond. Until now, proceeds had been allocated mainly towards renewable energy projects.
Underwriters	ING, DBO
Deal comments	
Credit Rating	
Pricing summary	<ul style="list-style-type: none"> • Yield: 6.352% • Coupon: 6.3517% • Price: 100.000%
Investors summary	

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