

## List of ASEAN Green/ Social/ Sustainability Bonds/Sukuk

*Last updated: 4 December 2020*

No	Name of Issuer	Type of Project	Country of Issuance/ Origination	Currency	Programme/ Issuance Size (Million)	Amount Issued (Million)	Issue Date	Tenure (Years)	Bond/ Sukuk Listing	Green/ Social/ Sustainability Bond
1.	PNB Merdeka Ventures Sdn Bhd	Green building	Malaysia	MYR	2,000.00	10.00	29 Dec 2017	5	Not listed	Green
2.				MYR		20.00	29 Dec 2017	6	Not listed	Green
3.				MYR		30.00	29 Dec 2017	7	Not listed	Green
4.				MYR		60.00	29 Dec 2017	8	Not listed	Green
5.				MYR		570.00	29 Dec 2017	15	Not listed	Green
6.				MYR		65.00	28 June 2019	7	Not listed	Green
7.				MYR		70.00	28 June 2019	8	Not listed	Green
8.				MYR		90.00	28 June 2019	9	Not listed	Green
9.				MYR		220.00	28 June 2019	13	Not listed	Green
10.				MYR		100.00	27 Dec 2019	10	Not listed	Green
11.				MYR		105.00	27 Dec 2019	11	Not listed	Green

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12.				MYR		120.00	27 Dec 2019	12	Not listed	Green
13.				MYR		110.00	27 Dec 2019	13	Not listed	Green
14.	Segi Astana Sdn Bhd	Green building	Malaysia	MYR	415.00	25.00	8 Jan 2018	1	Not listed	Green
15.				MYR		25.00	8 Jan 2018	2	Not listed	Green
16.				MYR		25.00	8 Jan 2018	3	Not listed	Green
17.				MYR		30.00	8 Jan 2018	4	Not listed	Green
18.				MYR		30.00	8 Jan 2018	5	Not listed	Green
19.				MYR		30.00	8 Jan 2018	6	Not listed	Green
20.				MYR		30.00	8 Jan 2018	7	Not listed	Green
21.				MYR		25.00	8 Jan 2018	8	Not listed	Green
22.				MYR		25.00	8 Jan 2018	9	Not listed	Green
23.				MYR		170.00	8 Jan 2018	10	Not listed	Green

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24.	Sindicatum Renewable Energy Co Pte Ltd	Renewable Energy	Singapore	INR	N.A.	951.10	19 Jan 2018	5	London Stock Exchange	Green
25.				INR		1,585.30	19 Jan 2018	7		
26.	UiTM Solar Power Sdn Bhd	Renewable Energy	Malaysia	MYR	240.00	10.00	27 Apr 2018	2	Not listed	Green
27.				MYR		10.00	27 Apr 2018	3		
28.				MYR		10.00	27 Apr 2018	4		
29.				MYR		10.00	27 Apr 2018	5		
30.				MYR		10.00	27 Apr 2018	6		
31.				MYR		10.00	27 Apr 2018	7		
32.				MYR		15.00	27 Apr 2018	8		
33.				MYR		15.00	27 Apr 2018	9		
34.				MYR		15.00	27 Apr 2018	10		
35.				MYR		15.00	27 Apr 2018	11		
36.				MYR		15.00	27 Apr 2018	12		

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37.				MYR		15.00	27 Apr 2018	13	Not listed	Green
38.				MYR		15.00	27 Apr 2018	14	Not listed	Green
39.				MYR		15.00	27 Apr 2018	15	Not listed	Green
40.				MYR		10.00	27 Apr 2018	16	Not listed	Green
41.				MYR		15.00	27 Apr 2018	17	Not listed	Green
42.				MYR		17.30	27 Apr 2018	18	Not listed	Green
43.	Sindicatum Renewable Energy Co Pte Ltd	Renewable Energy	Singapore	PHP	N.A.	1,060.20	9 Aug 2018	10	London Stock Exchange	Green
44.	Kasikornbank Public Company Limited	Financing of green and social projects	Thailand	USD	100.00	100.00	30 Oct 2018	5	GreTai Securities Market	Green <sup>1</sup>

<sup>1</sup> The issuance by Kasikornbank is a sustainability bond, which is in alignment with the ASEAN Green Bond Standards, ICMA's Sustainability Bond Guidelines, ICMA's Green Bond Principles and ICMA's Social Bond Principles.

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45.	B. Grimm Power Public Company Limited	Renewable Energy	Thailand	THB	5,000.00	1,500.00	20 Dec 2018	5	Not listed	Green
46.				THB		3,500.00	20 Dec 2018	7	Not listed	Green
47.	AC Energy Finance International Limited	Renewable Energy	Philippines	USD	1,000.00	300.00	29 Jan 2019	5	Singapore Exchange	Green
48.				USD		110.00	12 Feb 2019	10	Singapore Exchange	Green
49.				USD		60.00	9 July 2020	4	Singapore Exchange	Green
50.	Rizal Commercial Banking Corporation	Renewable energy, green buildings, clean transportation, energy efficiency, pollution prevention & control	Philippines	PHP	30,000.00	15,000.00	1 Feb 2019	1.5	Philippine Dealing & Exchange	Green
51.		Renewable energy, green buildings, clean transportation, energy efficiency, pollution prevention & control, sustainable water management, environmentally sustainable management of living natural resources and land				8,000.00	4 June 2019	2	Philippine Dealing & Exchange	Sustainability

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		use, affordable basic infrastructure, access to essential services, employment generation, affordable housing, and socioeconomic advancement and empowerment								
52.	Pasukhas Green Assets Sdn Bhd	Environment & natural resource preservation, energy conservation, renewable energy and/or greenhouse gas emission reduction	Malaysia	MYR	200.00	1.20	28 Feb 2019	1	Not listed	Green
53.				MYR		1.30	28 Feb 2019	2	Not listed	Green
54.				MYR		1.40	28 Feb 2019	3	Not listed	Green
55.				MYR		1.50	28 Feb 2019	4	Not listed	Green
56.				MYR		1.60	28 Feb 2019	5	Not listed	Green
57.				MYR		1.70	28 Feb 2019	6	Not listed	Green
58.				MYR		1.90	28 Feb 2019	7	Not listed	Green
59.				MYR		2.00	28 Feb 2019	8	Not listed	Green
60.				MYR		2.10	28 Feb 2019	9	Not listed	Green
61.				MYR		2.30	28 Feb 2019	10	Not listed	Green

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62.	BTS Group Holdings Public Company Limited	Low Carbon Transportation	Thailand	THB	13,000.00	1,000.00	24 May 2019	2	Not listed	Green
63.				THB		1,300.00	24 May 2019	3	Not listed	Green
64.				THB		3,000.00	24 May 2019	5	Not listed	Green
65.				THB		2,700.00	24 May 2019	7	Not listed	Green
66.				THB		5,000.00	24 May 2019	10	Not listed	Green
67.	Energy Absolute Public Company Limited	Financing of green projects (renewable energy, clean energy and low carbon technology)	Thailand	THB	10,000.00	1,000.00	11 Jul 2019	3	Not listed	Green
68.				THB		2,000.00	11 Jul 2019	10	Not listed	Green
69.				THB		500.00	15 Aug 2019	3	Not listed	Green
70.				THB		1,500.00	15 Aug 2019	5	Not listed	Green
71.				THB		2,000.00	15 Aug 2019	10	Not listed	Green
72.				THB		3,000.00	16 Oct 2019	7	Not listed	Green
73.	Telekosang Hydro One Sdn Bhd	Renewable Energy	Malaysia	MYR	470.00	10.00	6 Aug 2019	4	Not listed	Green
74.				MYR		20.00	6 Aug 2019	5	Not listed	Green
75.				MYR		20.00	6 Aug 2019	6	Not listed	Green

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76.				MYR		20.00	6 Aug 2019	7	Not listed	Green
77.				MYR		25.00	6 Aug 2019	8	Not listed	Green
78.				MYR		30.00	6 Aug 2019	9	Not listed	Green
79.				MYR		30.00	6 Aug 2019	10	Not listed	Green
80.				MYR		35.00	6 Aug 2019	11	Not listed	Green
81.				MYR		35.00	6 Aug 2019	12	Not listed	Green
82.				MYR		35.00	6 Aug 2019	13	Not listed	Green
83.				MYR		40.00	6 Aug 2019	14	Not listed	Green
84.				MYR		40.00	6 Aug 2019	15	Not listed	Green
85.				MYR		40.00	6 Aug 2019	16	Not listed	Green
86.				MYR		45.00	6 Aug 2019	17	Not listed	Green
87.				MYR		45.00	6 Aug 2019	18	Not listed	Green
88.	Telekosang Hydro One Sdn Bhd	Renewable Energy	Malaysia	MYR	120.00	60.00	6 Aug 2019	19	Not listed	Green
89.				MYR		60.00	6 Aug 2019	20	Not listed	Green



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90.	Bank of the Philippine Islands	Renewable Energy, Energy Efficiency, Sustainable Water & Wastewater Management, Pollution Prevention & Control, & Green Buildings	Philippines	CHF	USD 2,000.00	100.00	29 Aug 2019	2	SIX Swiss Exchange	Green
91.			Philippines	USD		300.00	3 Sept 2019	5	Singapore Exchange	Green
92.	Rizal Commercial Banking Corporation	Renewable energy, green buildings, clean transportation, energy efficiency, pollution prevention & control, sustainable water management, environmentally sustainable management of living natural resources and land use, affordable basic infrastructure, access to essential services, employment generation, affordable housing, and socioeconomic advancement and empowerment	Philippines	USD	2,000.00	300.00	11 Sept 2019	5	Singapore Exchange	Sustainability

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93.	CIMB Bank Berhad	Access to essential services, gender equality, sustainable water and wastewater management, affordable basic infrastructure, renewable energy, energy efficiency, employment generation (e.g. SME financing, microfinance), clean transportation, green buildings, affordable housing, climate change adaptation, pollution prevention and control, terrestrial and aquatic biodiversity conservation, environmentally sustainable management of living natural resources and land use	Malaysia	USD	N.A.	680.00	9 Oct 2019	5	Taipei Exchange, Singapore Exchange, Bursa Malaysia	Sustainability
94.	Edra Solar Sdn Bhd	Renewable energy and socio-agricultural projects	Malaysia	MYR	245.00	10.00	11 Oct 2019	1	Not listed	Sustainability
95.				MYR		20.00	11 Oct 2019	3	Not listed	Sustainability
96.				MYR		30.00	11 Oct 2019	5	Not listed	Sustainability
97.				MYR		30.00	11 Oct 2019	7	Not listed	Sustainability

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98.				MYR		35.00	11 Oct 2019	10	Not listed	Sustainability
99.				MYR		35.00	11 Oct 2019	12	Not listed	Sustainability
100.				MYR		35.00	11 Oct 2019	15	Not listed	Sustainability
101.				MYR		50.00	11 Oct 2019	18	Not listed	Sustainability
102.	Bank of Ayudhya Public Company Limited	Women Entrepreneurs	Thailand	USD	220.00	220.00	16 Oct 2019	7	Not listed	Social
103.	Development Bank of the Philippines	Clean transport, affordable basic infrastructure, renewable energy, energy efficiency, sustainable water and wastewater management, pollution prevention and control, socio-economic advancement and empowerment, green buildings, access to essential services, affordable housing, and employment generation.	Philippines	PHP	50,000.00	18,125.00	11 Nov 2019	2	Philippine Dealing & Exchange	Sustainability

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104.	AC Energy Finance International Limited	Development, construction and production of the components, acquisitions and operation of solar energy projects; wind energy projects (onshore and offshore); and geothermal energy projects (direct emissions <100gCO2/kWh).	Philippines	USD	N.A	400.00	4 Dec 2019	Perpetual	Singapore Exchange	Green
105.	Oversea-Chinese Banking Corporation Limited	Renewable energy, energy efficiency, pollution prevention & control, clean transportation, sustainable water & wastewater management, climate change adaptation, green buildings, access to essential services, affordable housing, employment generation	Singapore	AUD	USD 30,000	500.00	5 Dec 2019	3	Singapore Exchange	Green
106.	Arthaland Corporation	Green Buildings	Philippines	PHP	6,000.00	3,000.00	6 Feb 2020	5	Philippine Dealing & Exchange	Green

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107.	Leader Energy Sdn. Bhd.	Renewable Energy	Malaysia	MYR	260.00	5.00	16 July 2020	1	Not listed	Green
108.				MYR		10.00	16 July 2020	2	Not listed	Green
109.				MYR		15.00	16 July 2020	3	Not listed	Green
110.				MYR		15.00	16 July 2020	4	Not listed	Green
111.				MYR		15.00	16 July 2020	5	Not listed	Green
112.				MYR		15.00	16 July 2020	6	Not listed	Green
113.				MYR		15.00	16 July 2020	7	Not listed	Green
114.				MYR		15.00	16 July 2020	8	Not listed	Green
115.				MYR		15.00	16 July 2020	9	Not listed	Green
116.				MYR		15.00	16 July 2020	10	Not listed	Green
117.				MYR		15.00	16 July 2020	11	Not listed	Green
118.				MYR		15.00	16 July 2020	12	Not listed	Green
119.				MYR		15.00	16 July 2020	13	Not listed	Green
120.				MYR		15.00	16 July 2020	14	Not listed	Green
121.	MYR	15.00	16 July 2020	15	Not listed	Green				

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122.				MYR		15.00	16 July 2020	16	Not listed	Green
123.				MYR		15.00	16 July 2020	17	Not listed	Green
124.				MYR		20.00	16 July 2020	18	Not listed	Green
125.	PTT Public Company Limited	Finance and/or refinance environmental projects i.e. Forestry: Reforestation and Conservation	Thailand	THB	2,000.00	2,000.00	24 July 2020	3	Not listed	Green
126.	Manila Water Company Inc.	Sustainable water and wastewater management, terrestrial and aquatic biodiversity conservation, affordable basic infrastructure	Philippines	USD	500.00	500.00	30 July 2020	10	Singapore Exchange	Sustainability
127.	Bank of the Philippine Islands	Finance and refinance eligible Micro, Small and Medium Enterprises (MSMEs)	Philippines	PHP	100,000.00	21,500.00	7 Aug 2020	1.75	Philippine Dealing & Exchange	Social

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128.	Global Power Synergy Public Company Limited	Financing of green projects (i.e. renewable energy project, energy efficiency project, pollution prevention and control project)	Thailand	THB	5,000.00	1,500.00	7 Aug 2020	5	Not listed	Green
129.				THB		1,000.00	7 Aug 2020	10	Not listed	Green
130.				THB		2,500.00	7 Aug 2020	15	Not listed	Green
131.	Bank for Agriculture and Agricultural Cooperatives	Finance and/or refinance in the eligible credit projects for environmental conservation (i.e. afforestation, reforestation and environmental enhancement)	Thailand	THB	6,000.00	4,500.00	19 Aug 20	5	Not listed	Green
132.				THB		1,500.00	19 Aug 20	10	Not listed	Green
133.	Ministry of Finance (on behalf of Kingdom of Thailand)	Finance and/or refinance Green and/or Social projects (i.e. clean transport, renewable energy, employment generation, COVID-19 financing, healthcare)	Thailand	THB	30,000.00	10,000.00	19 Aug 2020	15	Not listed	Sustainability
134.				THB		20,000.00	20 Aug 2020	15	Not listed	Sustainability
135.	Solar Management (Seremban) Sdn. Bhd	Renewable Energy	Malaysia	MYR	260.00	5.00	21 Oct 2020	1	Not listed	Green
136.				MYR		10.00	21 Oct 2020	2	Not listed	Green
137.				MYR		10.00	21 Oct 2020	3	Not listed	Green
138.				MYR		10.00	21 Oct 2020	4	Not listed	Green

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139.				MYR		15.00	21 Oct 2020	5	Not listed	Green
140.				MYR		15.00	21 Oct 2020	6	Not listed	Green
141.				MYR		15.00	21 Oct 2020	7	Not listed	Green
142.				MYR		15.00	21 Oct 2020	8	Not listed	Green
143.				MYR		15.00	21 Oct 2020	9	Not listed	Green
144.				MYR		15.00	21 Oct 2020	10	Not listed	Green
145.				MYR		15.00	21 Oct 2020	11	Not listed	Green
146.				MYR		15.00	21 Oct 2020	12	Not listed	Green
147.				MYR		15.00	21 Oct 2020	13	Not listed	Green
148.				MYR		15.00	21 Oct 2020	14	Not listed	Green
149.				MYR		15.00	21 Oct 2020	15	Not listed	Green
150.				MYR		20.00	21 Oct 2020	16	Not listed	Green
151.				MYR		20.00	21 Oct 2020	17	Not listed	Green
152.				MYR		20.00	21 Oct 2020	18	Not listed	Green



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153.	Cagamas Berhad	Purchase of eligible Islamic financing for affordable housing	Malaysia	MYR	N.A.	100.00	26 Oct 2020	3	Not listed	Sustainability
154.	Cagamas Berhad	Purchase of eligible loans related to SMEs, renewable energy and sustainable water and water waste management	Malaysia	MYR	N.A.	35.00	27 Oct 2020	1	Not listed	Sustainability
155.				MYR		20.00	27 Oct 2020	2	Not listed	Sustainability
156.				MYR		45.00	27 Oct 2020	2.5	Not listed	Sustainability
157.	Land Bank of the Philippines	Renewable energy, energy efficiency, green buildings, clean transportation, sustainable water management, pollution prevention and control, people centric urban development, building better, resilient and affordable infrastructure, access to essential services, employment generation including through the potential effect of SME financing and microfinance, socioeconomic advancement and empowerment, food security, affordable housing	Philippines	PHP	150,000.00	5,000.00	17 Nov 2020	2	Philippine Dealing & Exchange	Sustainability

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158.	AC Energy Finance International Limited	Development, construction and production of the components, acquisitions and operation of solar energy projects; wind energy projects (onshore and offshore); geothermal energy projects (direct emissions <100gCO2/kWh).	Philippines	USD	2,000.00	300.00	26 Nov 20	Perpetual	Singapore Exchange	Green

*Note: The above list of issuances that are aligned with the ASEAN Green, Social or Sustainability Bond Standards is based on the Issuers' disclosure/ confirmation.*