

SOLARPACK SURIA SUNGAI PETANI SDN BHD

- **ASEAN GREEN SRI SUKUK WAKALAH FRAMEWORK
ISLAMIC MEDIUM TERM NOTES ISSUANCE OF UP TO RM285.0
MILLION IN NOMINAL VALUE**

SECOND OPINION REPORT 10 February 2023

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RAM SUSTAINABILITY'S SECOND OPINION APPROACH

RAM Sustainability has assessed Solarpack Suria Sungai Petani Sdn Bhd's (3SP or the Issuer) ASEAN Green SRI Sukuk Wakalah Framework (the Framework) against sustainability responsibilities and disclosure requirements under the following guidelines and standards:

- Securities Commission Malaysia's (SC) Sustainable and Responsible Investment **(SRI) Sukuk Framework**¹;
- The ASEAN Capital Market Forum's (ACMF) **ASEAN Green Bond Standards**² (GBS);
- The International Capital Market Association's (ICMA) **Green Bond Principles**³ (GBP).

Our assessment relies on both public information and data provided by the Issuer on the Framework and the ASEAN Green SRI Sukuk Wakalah of up to RM285.0 million (the Sukuk). We have not undertaken any audit or other related activity to ascertain the validity or accuracy of the information provided.

RAM Sustainability classifies green, social or sustainability bond frameworks as *Weak*, *Basic*, *Intermediate* or *Advanced*, in comparison to applicable regulations and guidelines or best practices.

Level	Framework Characteristics
Weak	Not observable in the framework.
Basic	Observable in the framework, but is below best practice.
Intermediate	Observable in the framework and in line with best practice.
Advanced	Observable in the framework and is more stringent, comprehensive, and establishes a new benchmark and new best practice.

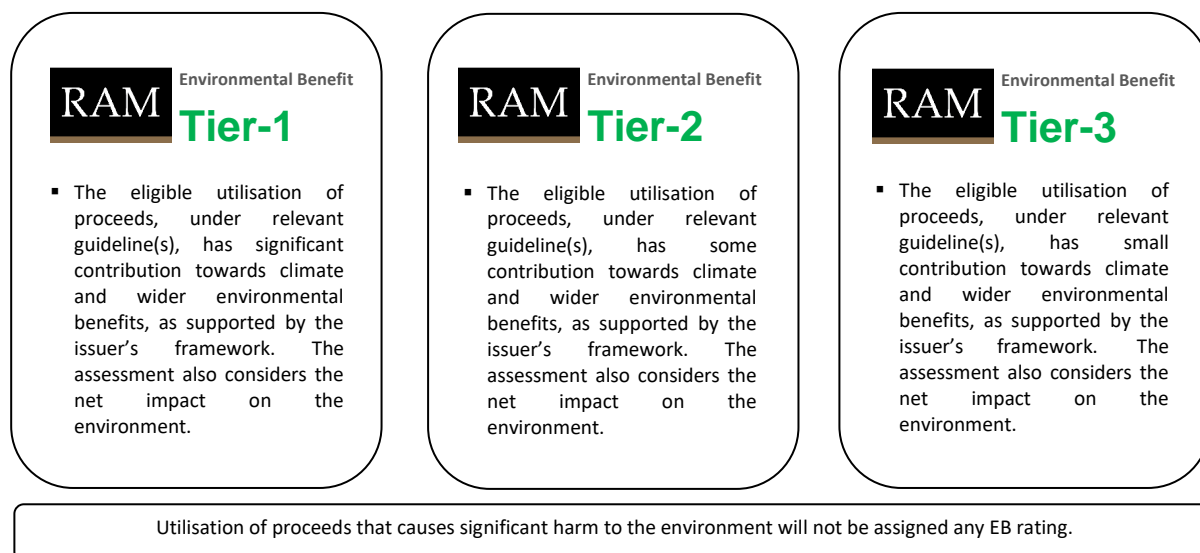
¹ Chapter 7 of Part 3 of Section B of the *Guidelines on Unlisted Capital Market Products* issued by the SC (SRI Sukuk Framework). The SRI Sukuk Guidelines were launched by the SC in August 2014 to facilitate the financing of assets and projects with sustainable benefits. The SRI Sukuk Framework was updated on 28 November 2022.

² The ASEAN GBS, developed by the ACMF, were established to enhance the transparency, consistency and uniformity of ASEAN Green Bonds. Developed based on the ICMA's GBP, the ASEAN GBS were issued in November 2017 and subsequently updated in October 2018. The ASEAN GBS are meant for issuers that intend to issue green bonds within the ASEAN region.

³ The GBP are voluntary process guidelines that recommend transparency and disclosure measures for issuers. The guidelines were issued in January 2014 and updated in June 2022. The GBP are meant for broad use by a variety of participants in the green bond market, to facilitate the flow of financing to climate-friendly solutions.

RAM SUSTAINABILITY'S ENVIRONMENTAL BENEFIT ASSESSMENT AND DEFINITION

The ultimate objective of green bonds is to facilitate the financing of environmentally friendly solutions that can help mitigate the effects of climate change and/or create value for the surrounding ecosystem. RAM Sustainability's green bonds evaluation is a qualitative and quantitative assessment of the contributions of a project or financing facility to a low-carbon, sustainable future. The transparency and disclosure strength of the green bonds is also a key consideration. RAM Sustainability's Environmental Benefit (EB) rating definitions are as follows:



SUMMARY OF SECOND OPINION ON 3SP'S ASEAN GREEN SRI SUKUK WAKALAH

3SP's ASEAN Green SRI Sukuk Wakalah Framework is, in RAM Sustainability's view, aligned with the requirements of the SC's SRI Sukuk Framework, the ASEAN GBS and the GBP. The Framework is aligned with all core areas and 12 out of 19 recommendations as guided under the latest pre-issuance checklist⁴ of the GBP.

Issuance proceeds from 3SP's Sukuk will be used to refinance costs related to the construction, ownership and operation of a 90.88 MW_{AC} solar photovoltaic (PV) power plant in Sungai Petani, Kedah, Malaysia (referred to as the Project), as well as defray ancillary costs. For the purposes of this report, the solar PV power plant in Sungai Petani will be referred to as "the Plant".

The Project falls under the renewable energy (RE) category, which is classified as "green" under the three guidelines and standards. Solar power as a source of RE is clean and infinite, with a smaller carbon footprint compared to traditional power generation from fossil fuels. The Plant will contribute about 0.7% of the government's goal of having a 31% proportion of RE, i.e., an installed RE capacity of 12,916 MW, by 2025.

While producing power via solar PV systems does not cause air pollution or emit greenhouse gases (GHG), the Project could still negatively affect the environment if soil erosion during construction is unmitigated. Sediment runoff from site clearing, earthworks and construction activities can result in water pollution. Soil and groundwater contamination could also occur during the Plant's operation due to improper management of discarded solar PV modules.

To address these issues, 3SP has established an Environmental and Social Management Plan (ESMP) to ensure necessary mitigation measures are implemented. Based on management's representation, the Issuer had conducted turfing following the completion of earthworks to minimise soil erosion during construction. 3SP is currently replacing temporary earth drains with concrete drains to collect and divert surface runoff into sediment basins. It is also in the process of identifying a licensed recycler to recycle its discarded solar PV modules. The Issuer's Power Generation department will continue to monitor the implementation of these pollution prevention and mitigation measures and ensure compliance with relevant environmental regulations.

3SP adheres to the policies and guidelines developed by Solarpack Corporación Tecnológica S.A.U. (Solarpack or the Group). The Group's Environmental Policy outlines its commitment to operating solar energy projects in an environmentally responsible manner. Its Occupational Health and Safety (OSH) Policy specifies the requirement of safe and healthy working conditions for employees, contractors and other third parties. Solarpack's Environmental, Social and Governance Steering Committee (ESG Committee), comprising the Group's Chief Executive Officer (CEO) and other senior management, is responsible for monitoring, assessing and improving the Group's ESG performance, including 3SP's.

RAM Sustainability's EB assessment tiers projects based on their contribution towards climate and wider environmental benefits. We have assigned **the highest Tier-1 EB rating** to the Project considering its significant net contribution to climate change mitigation. The Plant commenced operations on 8 March 2022.



⁴ https://www.icmagroup.org/assets/documents/Sustainable-finance/2022-updates/Pre-Issuance-checklist-Green-Bonds_June-2022-280622.pdf

We further find the Framework to have an *Intermediate* level of disclosure, incorporating details that we view to be in line with best practices. Our key assessment areas are illustrated in **Table 1** below.

Table 1: RAM Sustainability's Assessment of 3SP's Framework

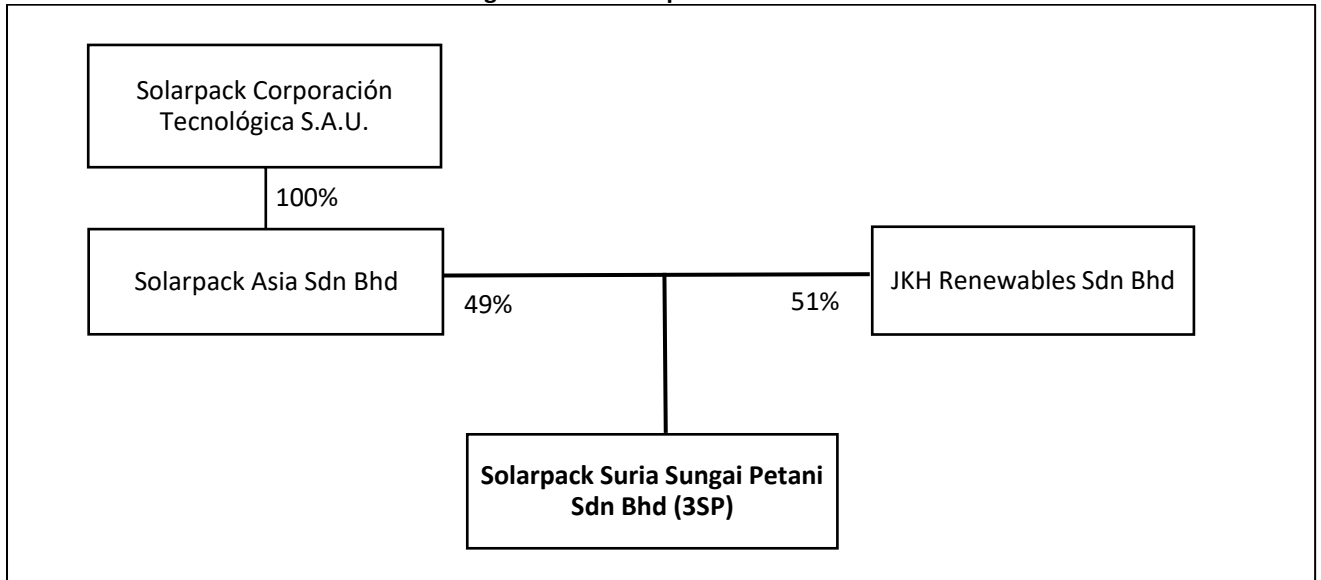
Components	SRI SUKUK	ASEAN	ICMA	Best Practices	RAM's Overall Opinion
Utilisation of Proceeds (By Asset/Project Category):	Core	Core	Core	Applicable	<i>Intermediate</i>
i) Eligibility Criteria Disclosure Quality	-	-	-	Applicable	<i>Intermediate</i>
ii) Indicative Proceeds Allocation	-	-	-	-	<i>Intermediate</i>
iii) Exclusion List:					
- Issue Transaction-level	-	Fossil fuel power generation ineligible	-	Applicable	<i>Intermediate</i>
- Group-level	-	-	-	Applicable	<i>While there is no explicit exclusion list, the Issuer's shareholders – JKH Renewables Sdn Bhd and Solarpack – are principally engaged in the generation of RE.</i>
Project Evaluation & Selection	Core	Core	Core	Applicable	<i>Intermediate</i>
Management of Proceeds	Core	Core	Core	Applicable	<i>Intermediate</i>
Reporting Commitments:					
i) Allocation reporting	Core	Core	Core	Applicable	<i>Intermediate</i>
ii) Impact reporting	Core	Core	Core	Applicable	<i>Intermediate</i>

1. CORPORATE PROFILE

3SP is an entity established and jointly owned by Solarpack Asia Sdn Bhd (Solarpack Asia) and its consortium partner, JKH Renewables Sdn Bhd (JKH Renewables), for the implementation of the Project. Solarpack Asia is a wholly owned subsidiary of Solarpack, a multinational company specialising in the development, construction and operation of utility-scale solar power plants. Since its inception in 2005, the Group has developed 1,151 MW of installed solar capacity across Europe, Latin America, Asia and Africa.

JKH Renewables is a local company principally engaged in the development and operation of solar, biogas and biomass power plants. It is equally owned by Chan Kok Hoe and his wife Wong Jan Chai, both of whom are Malaysians. Mr Chan is also Solarpack’s Head of South-East Asia and leads the Group’s business development activities in Southeast Asia. Despite Solarpack Asia’s 49% stake in 3SP, Solarpack Asia will be the controlling shareholder of 3SP throughout the Sukuk’s tenure, as per the transaction terms.

Figure 1: 3SP’s corporate structure



Source: 3SP

Under a power purchase agreement entered into by the Issuer and Tenaga Nasional Berhad (TNB) on 24 June 2020, TNB will be the sole offtaker of electricity generated by the Plant for a 21-year concession period effective from the commercial operation date. The Plant commenced operations on 8 March 2022. Solarpack Asia provides operation and maintenance (O&M) services for the Plant.

Figure 2: Plant site in Sungai Petani, Kedah



Source: 3SP

2. REVIEW OF 3SP'S ASEAN GREEN SRI SUKUK WAKALAH FRAMEWORK

Our review examines the four principles embedded in the following applicable guidelines and standards – the SC's **SRI Sukuk Framework**, the **ASEAN GBS** and the **GBP**.

Table 2: Four core components

Item	Focus Area
2.1	Utilisation of proceeds
2.2	Project evaluation & selection
2.3	Management of proceeds
2.4	Reporting commitments

For detailed comparisons, please refer to **Appendix 1** for the SRI Sukuk Framework Checklist, **Appendix 2** for the ASEAN GBS Checklist, and **Appendix 3** for the GBP External Review Form.

2.1. Utilisation of Proceeds

Approximately, 90.4% of the proceeds from 3SP's Sukuk (or RM258 million) will be used to refinance a bridge loan obtained to part-finance the Project's development costs. Remaining proceeds will be utilised for general working capital purposes as well as to defray adviser fees and expenses related to the issuance, prefund reserve accounts and partially repay shareholder loans.

Details on the utilisation of proceeds from the Sukuk are outlined in **Table 3** below.

Table 3: Utilisation of issuance proceeds from the Sukuk

Utilisation of Proceeds	Nominal Amount (RM '000)	%
Bridge loan principal repayment	257,527	90.4%
General working capital, adviser fees and other miscellaneous expenses	18,765	6.6%
Accrued interest payment on shareholders' loans	2,329	0.8%
Prefunding of Finance Service Reserve Account	3,591	1.3%
Prefunding of Sinking Fund Account	2,788	1.0%
Total	285,000	100%

Source: 3SP

The SC's SRI Sukuk Framework, the ASEAN GBS and the GBP recognise several categories of eligible green projects. Broadly defined, green projects refer to innovative, climate-friendly solutions that help deliver clear environmental benefits.

The Project falls under the RE category⁵, which is classified as "green" under the three guidelines and standards (**Table 4**). Solar power as a source of RE is clean and infinite, with a smaller carbon footprint compared to traditional power generated from fossil fuels.

Table 4: RE – eligibility under GBP, ASEAN GBS and SRI Sukuk Framework

⁵ The Plant does not use fossil fuels to generate electricity. Emergency power is provided by backup batteries and a 150 kV standby diesel generator.

GBP	ASEAN GBS	SRI Sukuk Framework ⁶
Use of proceeds – renewable energy (including production, transmission, appliances and products)	Item 4.1.5 (i) Use of Proceeds – renewable energy	Item 7.07 (c) and 7.08 (a) (i) – an Eligible SRI project refers to a project that promotes the use of renewable energy; and may include green projects that relate to renewable energy.

Ineligible Projects

Consistent with the ASEAN GBS, 3SP will not provide funding for projects utilising fossil fuel for power generation, as stated in the Framework. Projects related to nuclear energy generation, the weapon and defence industries, potentially environmentally harmful resource extraction, gambling and tobacco are also on the list of ineligible projects.

2.2. Project Evaluation & Selection

The Group has led the project evaluation and selection process for the financing and refinancing of the Project. Solarpack, in collaboration with Solarpack Asia and the Issuer, has conducted the following studies and evaluations:

- (i) Initial Environmental Evaluation
- (ii) Power system studies
- (iii) Yield assessment
- (iv) Hydrological, geotechnical and topographical studies

An Environmental and Social Impact Assessment (ESIA) report, produced by ERE Consulting Group Sdn Bhd in March 2021, concluded that the Project would not generate any significant adverse environmental and social impact, given the adequate control measures and safeguards in place.

3SP's ESMP identifies appropriate mitigation measures to ensure the Project does not negatively impact the environment and local communities. The plan was prepared with reference to the ESIA and in compliance with the Department of Environment's guidelines. It outlines the requirement of a biannual environmental performance monitoring exercise throughout the Plant's operational phase, encompassing compliance checks to ensure the effectiveness of control measures.

Solarpack's Green Financing Subcommittee, whose members include the head of its ESG team and the Head of Finance, has reviewed the studies and evaluations conducted, and approved the Project's selection as an Eligible Green Project to be refinanced through the Sukuk. The selection was validated by the ESG Committee, a cross-functional management committee spearheading the Group's ESG strategy and initiatives.

In our view, the processes employed by Solarpack are good governance practices for the development of the large-scale solar PV plant.

2.3. Management of Proceeds

3SP has clearly defined formal internal processes linked to the management of proceeds. Net issuance proceeds from the Sukuk will be deposited into a **designated disbursement account** known as the "Revenue Account". This account will be jointly managed by the Issuer and Malaysian Trustees Berhad (Malaysian Trustees).

⁶ As per Guidelines on Unlisted Capital Market Products Under the Lodge and Launch Framework.

Disbursement of funds from the Revenue Account will be supported by documentation submitted by 3SP such as invoices, billings and/or other evidence as may be requested by Malaysian Trustees. As a further precaution, the Issuer has established an additional process for tracking and authorising payments. All invoices must be approved by management before payment is processed. Invoices for large sums, in particular, require multiple signatories for approval.

Pending utilisation, proceeds in the designated accounts may be invested in liquid shariah-compliant products approved by the Shariah Advisory Council (SAC) of the SC and/or the SAC of Bank Negara Malaysia (BNM), subject to terms and conditions. Investment products include:

- i. Islamic treasury bills, Islamic money market instruments and sukuk issued by BNM and the Malaysian government.
- ii. Shariah-compliant deposits and investment accounts with licensed Islamic financial institutions and/or development financial institutions in Malaysia.
- iii. Islamic banker acceptances, Islamic bills, and other Islamic money market instruments issued by licensed financial institutions.

2.4. Reporting Commitments

Transparency in reporting is crucial in the issuance of green sukuk. The ASEAN GBS and the SC's SRI Sukuk Framework require issuers to establish a formal process to communicate the allocation of proceeds and the positive impact created.

3SP is committed to publishing an ASEAN Green SRI Sukuk Wakalah Report that provides the necessary information. The report will be made publicly available on BNM's Fully Automated System for Issuing/Tendering (FAST) website (<https://fast.bnm.gov.my>) and/or Solarpack's corporate website (www.solarpack.es) within one year of the Sukuk's issuance. The Issuer will update this report annually for as long as the Sukuk is outstanding.

Table 5: 3SP's reporting commitments

Allocation Reporting	<ul style="list-style-type: none"> ▪ The original amount earmarked for the Project. ▪ The amount of proceeds allocated to the Project including broad descriptions of utilisation. ▪ The amount of proceeds allocated to financing and refinancing. ▪ The remaining balance, if any, of unallocated proceeds at the end of the reporting period and where it is placed/invested pending utilisation.
Impact Reporting	<ul style="list-style-type: none"> ▪ Installed RE capacity (MW_{AC}) ▪ Annual RE generation (MWh) ▪ Annual CO₂ emission reduction/avoidance (tonnes)

*Note: Impact reporting is subject to data availability.
Source: 3SP*

3SP will disclose any assumptions made in relation to units of measurement used for its impact indicators or the relevant benchmark emissions. The Issuer may also report additional impact indicators and/or related information at its own discretion.

3. SUSTAINABILITY ASSESSMENT

3.1. National-Level Drivers

The Sukuk to be issued by 3SP enables the financing of the RE sector and will support national-level objectives and plans on RE.

Table 6: National-level objectives and plans

Category	National-Level Objectives and Plans
Renewable Energy	<p><u>Increasing RE generation</u></p> <p>Under the Malaysia Renewable Energy Roadmap, the government targets achieving a 31% proportion of RE, i.e., 12,916 MW of installed RE capacity, by 2025. To this end, it will expand the Large-Scale Solar (LSS) programme and further promote floating solar PV in LSS auctions, among other initiatives. The LSS programme is a competitive bidding programme that reduces the costs of producing solar energy, thus spurring the development of large-scale solar PV power plants. The Energy Commission is the implementing agency for this scheme.</p> <p>Through the Sukuk, 3SP will finance the development of 90.88 MW_{AC} of solar RE capacity, contributing approximately 0.7% of the government’s target.</p>

3.2. Group-Level Assessment

Providing Sustainable Solar Energy Solutions

Solarpack invests in and operates concessions in the solar energy industry with the goal of improving access to clean and affordable energy. The Group’s medium-term growth strategy includes diversifying its portfolio across different geographic regions. It aims to strengthen its presence in existing high-growth markets like Spain and the US, and expand into emerging markets, especially in Southeast Asia and Africa. Solarpack expects to achieve 4 GW of solar capacity installed and/or under construction by the end of 2026.

The Project to be financed through the Sukuk represents Solarpack’s venture into the Malaysian RE industry. It is aligned with the Group’s growth strategy of geographical diversification and its overarching mission to increase access to sustainable energy.

Sustainability Strategies

Solarpack’s 2021-2023 Strategic ESG Plan outlines six strategic axes to enhance its corporate sustainability.

Table 7: Solarpack’s 2021-2023 Strategic ESG Plan

Axis	Objective
ESG Strategy	<ul style="list-style-type: none"> To produce an ESG management model that promotes the incorporation of sustainability into Solarpack’s strategy. To establish lines of communication and distribute the ESG management model to stakeholders.
Organisation and Governance	<ul style="list-style-type: none"> To produce governance, organisation and risk management models underpinned by sustainability considerations, to prepare the business for future global challenges.
Responsible Corporate Culture	<ul style="list-style-type: none"> To develop a responsible and inclusive corporate culture in which all employees feel comfortable.
Social Action and Promotion of Sustainable Development	<ul style="list-style-type: none"> To make a positive impact globally particularly in communities in which Solarpack operates, by promoting and introducing a programme of social measures underpinned by the Group’s purpose and commitment to the Principles of the Global Compact, the 2030 Agenda and the United Nation’s Sustainable Development Goals (SDGs).

Axis	Objective
Managing a Sustainable Value Chain	<ul style="list-style-type: none"> To foster a sustainable value chain. Solarpack’s suppliers, contractors and partners are expected to comply with internationally accepted standards of transparency and business ethics, human and social rights, health and safety, quality and the environment.
Energy Transition and Climate Change	<ul style="list-style-type: none"> To continue advocating for environmental sustainability.

Source: Solarpack

In accordance with its Strategic ESG Plan, the Group recently updated its General Sustainability Policy to further incorporate sustainability into its operations. The policy specifies Solarpack’s ESG and stakeholder engagement commitments. A select few commitments are highlighted in **Table 8** below.

Table 8: Solarpack’s ESG and stakeholder engagement commitments

Area	Commitment
Environment	<ul style="list-style-type: none"> Generating clean energy, promoting energy efficiency, mitigating the adverse effects of climate change and providing adaptation mechanisms to drive decarbonisation. Practising conscious and responsible use of natural resources throughout the value chain and responsible management of waste.
Social	<ul style="list-style-type: none"> Creating a safe and healthy work environment. Respecting the Universal Declaration of Human Rights and rejecting any form of child and forced/compulsory labour. Developing a socially responsible value chain.
Governance	<ul style="list-style-type: none"> Complying with legislation and rejecting any illegal or potentially fraudulent practices. Affirming ethical behaviour and integrity as key corporate values.
Stakeholder Engagement	<ul style="list-style-type: none"> Involving Solarpack’s stakeholders in practices derived from the Group’s ESG commitments, maintaining effective and transparent communication, and requiring compliance in activities carried out across the Group.

Source: Solarpack

The Group has identified eight SDGs that are material to its business and corporate sustainability strategy (**Figure 3**).

Figure 3: Solarpack’s focus SDGs



In our view, the Project is aligned with Solarpack's Strategic ESG Plan and General Sustainability Policy, specifically its climate change mitigation objectives. The Project will also support the Group's contribution to SDG 7: Affordable and Clean Energy, and SDG 13: Climate Action.

Sustainability Governance

Solarpack has a formal governance structure to manage and oversee the implementation of its corporate sustainability agenda. The Group's ESG Committee supports its senior leadership in the following matters:

- i. Setting general strategies on ESG matters such as the environment, occupational health and safety, and corporate social responsibility.
- ii. Developing, implementing and monitoring ESG initiatives and policies.
- iii. Overseeing communications with Solarpack's stakeholders with respect to ESG matters.
- iv. Monitoring, assessing and improving the Group's ESG performance.

Members of the ESG Committee include the Group CEO, Director of Sustainability and People, Compliance Officer, Risk Manager, Head of People and Organization, Quality Manager and the Head of Health & Safety, Environment and Community Relations. The committee meets quarterly or as and when necessary. It reports to Solarpack's Board of Directors, which is responsible for providing oversight of the Group's sustainability strategy.

Controversy Scan

Based on publicly available information up to 10 February 2023 on 3SP and its shareholders, there were no controversies pertaining to the entities' ESG practices.

3.3. Sustainability Management

This section assesses the overall management approach to incorporating sustainability considerations into the Issuer's decision making processes and operations.

Environmental and Social Impact Management

ERE Consulting Group Sdn Bhd – the independent environmental consultant appointed by 3SP to conduct an ESIA study – in its analysis of the Project's impact in the investigation, construction and operation phases, raised the following key concerns:

- Heightened risk of soil erosion and sedimentation due to exposed bare soil during construction.
- Water pollution due to sediment runoff from site clearing, earthworks and construction activities.
- Potential soil and groundwater contamination from improper management of discarded solar PV modules.

In addressing these risks, 3SP's ESMP ensures mitigation measures recommended in the ESIA are implemented and the Project adheres to all regulatory requirements and criteria. Based on discussion with management, turfing was done following the completion of earthworks to minimise soil erosion during construction. The Issuer is currently replacing temporary earth drains with concrete drains to collect and divert surface runoff into sediment basins.

3SP is also in the process of identifying a licensed recycler to recycle discarded solar PV modules. The Issuer's Power Generation department will continue to monitor the implementation of pollution prevention and mitigation measures and ensure compliance with relevant environmental regulations.

Review of Policies and Guidelines

The Issuer adheres to policies and guidelines developed by Solarpack. The Group's Environmental Policy includes the following commitments:

- i. To implement an Environmental Management System based on continuous improvement and quantifiable environmental objectives.
- ii. To comply with applicable environmental legislation and other regulatory requirements.
- iii. To prevent pollution and protect the environment through sustainable use of resources and the best available technologies.
- iv. To develop and promote the use of clean energy, specifically solar PV technology, to drive decarbonisation of the energy system and minimise the adverse impact of climate change.

3SP's OSH management is guided by the Group's OSH Policy which outlines the requirement of safe and healthy working conditions for employees, contractors and other third parties. Accordingly, the Issuer's Emergency Response Plan details appropriate responses to emergencies at the plant site like major fires and medical emergencies.


O&M of the Plant

The Plant's O&M include provision of site security, periodic maintenance of vegetation, and preventative maintenance, repair and replacement of solar and electrical equipment. Electricity generation from solar PV modules will not cause air pollution or emit GHG. The environmental and social impact of the Plant's O&M activities is anticipated to be minimal.

3.4. Creation of Positive Impact via the Sukuk

We expect the Project to create a positive impact on the environment, as highlighted in **Table 9** below.

Table 9: Positive impact created and alignment with United Nations' SDGs

Eligible Project Category	Positive Impact Creation	Alignment with SDGs and Targets
Renewable Energy	<p>Climate change is an acute planetary threat which may have costly repercussions for communities and global economies. Approximately 35% of the world's GHG emissions today can be attributed to energy production and systems. Therefore, the energy sector plays a critical role in global efforts to mitigate the effects of climate change. The transition towards low-carbon energy systems is already happening. RE systems provide means to generate electricity from clean and sustainable sources such as sunlight, water and wind. The deployment of RE solutions has the potential to significantly reduce the GHG emission intensity of the global energy system. As such, investments in RE ought to be scaled up so the world can achieve the emission reduction goals set out in the Paris Climate Accord.</p> <p>RE systems will be a key component in building a low-carbon future. RE systems should not however create a negative environmental or social impact. According to the International Renewable Energy Agency, renewable sources could constitute 65% of global energy use by 2050.</p> <p>The Plant will generate approximately 177 GWh of energy annually throughout the 20-year tenure of the Sukuk. Compared with the grid emission intensity⁷ of Peninsular Malaysia, this translates into potential avoidance of approximately 103,545 tonnes of carbon emissions per year.</p>	<div data-bbox="1190 383 1358 551" style="text-align: center;">  <p>7 AFFORDABLE AND CLEAN ENERGY</p> </div> <p>7.2 – By 2030, substantially increase the share of renewable energy in the global energy mix.</p> <p>7a – By 2030, enhance international cooperation to facilitate access to clean energy research and technology, including renewable energy, energy efficiency, and advanced cleaner fossil-fuel technology, as well as promote investment in energy infrastructure and clean energy technology.</p>

⁷ Baseline CO₂ for Peninsular Malaysia = 0.585 tonnes of CO₂/MWh (2017) (source: Ministry of Energy, Science, Technology, Environment and Climate Change)

APPENDIX 1

APPENDIX 1: SRI SUKUK FRAMEWORK CHECKLIST

Reference:

Guidelines on Unlisted Capital Market Products Under the Lodge and Launch Framework

Part 3: Corporate Bonds and Sukuk

Chapter 7: Sustainable and Responsible Investment (SRI) Sukuk

No.	Item	Requirement	Alignment	Comment
7.07 & 7.08	Eligible SRI Projects	<p>An Eligible SRI project refers to a project that seeks to achieve any one or a combination of the following objectives:</p> <ul style="list-style-type: none"> (a) Preserving and protecting the environment and natural resources. (b) Conserving the use of energy. (c) Promoting the use of RE. (d) Reducing greenhouse gas emissions. (e) Addressing or mitigating a specific social issue or seeking to achieve positive social outcomes, especially but not exclusively for a target population. (f) Improving society's quality of life. <p>Eligible SRI projects may include, but are not limited to, the following:</p> <ul style="list-style-type: none"> (a) Green projects that relate to: <ul style="list-style-type: none"> (i) Renewable energy. (ii) Energy efficiency. (iii) Pollution prevention and control. (iv) Environmentally sustainable management of living natural resources and land use. (v) Terrestrial and aquatic biodiversity conservation. (vi) Clean transportation. (vii) Sustainable water and wastewater management. (viii) Climate change adaptation. (ix) Eco-efficient and/or circular economy-adapted products, production technologies and processes. (x) Green buildings which meet regional, national or internationally recognised standards or certifications. (b) Social projects that relate to: <ul style="list-style-type: none"> (i) Affordable basic infrastructure. (ii) Access to essential services. (iii) Affordable housing. (iv) Employment generation, including the potential effects of SME financing and microfinancing. (v) Food security. (vi) Socioeconomic advancement and empowerment. (c) Projects which are the combination of green and social projects, as described in (a) and (b) above. (d) Waqf projects that relate to the development of waqf properties or assets. 	Yes	<p>Approximately, 90.4% of proceeds from the Sukuk (or RM258 million) will be used to refinance the bridge loan acquired to part-finance costs related to the development, construction, operation and maintenance of a 90.88 MW_{AC} solar PV power plant in Sungai Petani, Kedah, Malaysia.</p> <p>Remaining proceeds will be utilised for general working capital purposes as well as to defray adviser fees and expenses related to the Sukuk's issuance, prefund reserve accounts and partially repay shareholder loans.</p> <p>The eligible SRI project relates to renewable energy.</p>

No.	Item	Requirement	Alignment	Comment
7.10 & 7.11	Utilisation of Proceeds	An issuer must ensure that the proceeds raised from the issuance of the SRI sukuk are utilised only for the purpose of funding any activities or transactions relating to the Eligible SRI projects, as described in paragraph 7.08 above.	Yes	As in 7.07 & 7.08 above.
		In relation to the activities or transactions that involve the acquisition of a company undertaking Eligible SRI projects, an issuer must ensure that the company to be acquired does not carry on any other business or projects except the Eligible SRI projects.	N/A	No activities/transactions relating to the acquisition of a company.
7.12	Process for Project Evaluation and Selection	An issuer must establish internal processes for the evaluation and selection of the Eligible SRI projects, as identified in paragraph 7.08 above.	Yes	<p>Solarpack has led the project evaluation and selection process for the financing and refinancing of the Project. The Group, in collaboration with Solarpack Asia and the Issuer, has conducted an ESIA and various technical studies and assessments for the development and implementation of a large-scale solar PV power plant in Kedah, Malaysia.</p> <p>Solarpack's Green Financing Subcommittee has reviewed studies and assessments conducted and approved the Project's selection as an Eligible Green Project to be refinanced through the Sukuk. This selection was validated by the Group's ESG Committee.</p> <p>For more detailed information, please refer to Section 2.2 Project Evaluation and Selection.</p>
7.13	Management of Proceeds	An issuer must ensure that the proceeds allocated to the Eligible SRI projects are deposited into a designated account or otherwise tracked in an appropriate manner.	Yes	Net issuance proceeds from the Sukuk will be deposited into a designated disbursement account jointly managed by the Issuer and Malaysian Trustees. 3SP may invest unutilised funds in the designated accounts in liquid shariah-compliant products approved by the SAC of the SC and/or the SAC of BNM. Please refer to Section 2.3 Management of Proceeds.
7.14	Reporting	<p>An issuer must provide the following information to the sukukholders, annually through a designated website:</p> <p>(a) The original amount allocated to the Eligible SRI projects.</p> <p>(b) The amount utilised for the Eligible SRI projects.</p> <p>(c) The unutilised amount and where such unutilised amount is placed or invested pending utilisation.</p> <p>(d) The list of Eligible SRI projects to which the SRI sukuk proceeds have been allocated, and a brief description of the said Eligible SRI projects and their impact or expected impact, including the key underlying methodology or assumptions used to determine the impact or expected impact.</p>	Yes	3SP has committed to disclosing the necessary information to sukukholders via an ASEAN Green SRI Sukuk Wakalah Report published on FAST and/or the Group's corporate website (www.solarpack.es). The report will be made publicly available within one year of the Sukuk's issuance. The Issuer will update the report annually for as long as the Sukuk is outstanding.

No.	Item	Requirement	Alignment	Comment
7.05 & 7.16	Disclosure Requirements	The information relating to the issuer and the details of the issuer's SRI Sukuk Framework must be made publicly accessible via a designated website to be disclosed by the issuer. Such information on the designated website must be made available at the point of issuance and throughout the tenure of the SRI sukuk.	Yes	The Framework will be made publicly available on FAST and/or the Group's corporate website at the point of issuance and throughout the tenure of the Sukuk.
		<p>For the purpose of disclosure of the details of the issuer and the SRI Sukuk Framework under paragraph 7.05 above, the following information must be included:</p> <ul style="list-style-type: none"> (a) The overall SRI objectives that the issuer intends to achieve. (b) The utilisation of proceeds from the issuance of the SRI sukuk. Where all or part of the proceeds are used for refinancing, an issuer must provide the amount of proceeds allocated to refinancing and which Eligible SRI projects will be refinanced. (c) The Eligible SRI projects to which the proceeds will be allocated. (d) The details of the Eligible SRI projects and, to the extent possible, the impact objectives of the Eligible SRI projects. (e) The processes used by the issuer to evaluate and select the Eligible SRI projects. (f) The criteria used by the issuer to identify and manage material environmental or social risks associated with the Eligible SRI projects. (g) The processes used by the issuer to manage the proceeds from the issuance of the SRI sukuk. (h) A statement that the issuer has complied with the relevant environmental, social and governance standards or recognised best practices relating to the Eligible SRI projects. 	Yes	The Issuer is committed to publishing the Framework, which contains (a) – (h), on FAST and/or the Group's corporate website.
7.17	External review	If an external reviewer is appointed to assess and provide a report on the Eligible SRI projects or the issuer's compliance with the requirements under these guidelines, such external reviewer's report must be made available on the designated website.	Yes	RAM Sustainability has been appointed to provide a second opinion on the Issuer's Framework. The review covers an assessment of the Issuer's alignment with the requirements of the SRI Sukuk Framework, the ASEAN GBS, and the GBP as well as the sustainability responsibilities of the Issuer. The second opinion report will be made available on FAST and/or Solarpack's corporate website, and RAM's website (www.ram.com.my).

APPENDIX 2

APPENDIX 2: ASEAN GREEN BOND STANDARDS (ASEAN GBS) CHECKLIST

Reference:

ASEAN Capital Markets Forum – ASEAN Green Bond Standards (GBS)

Item	No.	Requirement	Alignment	Comment
Eligible Issuers and Issuance	3.1	(i) Must be an ASEAN Issuer; or (ii) In the case of a Non-ASEAN Issuer, the eligible Green Projects must be located in any of the ASEAN countries.	Yes	The Issuer is an entity incorporated in Malaysia, a member of ASEAN. The Project is in Sungai Petani, Kedah, Malaysia.
	3.2	ASEAN Green Bonds issuances must be originated from any of the ASEAN member countries.	Yes	The Sukuk to be issued under the Framework will originate from Malaysia.
Eligible Green Projects	4.1.5	There are several broad categories of eligibility for Green Projects which contribute to environmental objectives such as climate change mitigation, climate change adaptation, natural resource conservation, biodiversity conservation, and pollution prevention and control. The categories include renewable energy and energy efficiency.	Yes	The bulk of proceeds from the Sukuk will be used to refinance the bridge loan acquired to part-finance the development costs for a 90.88 MW _{AC} solar PV power plant in Sungai Petani, Kedah, Malaysia. Remaining proceeds will be utilised for general working capital purposes as well as to defray adviser fees and expenses related to the Sukuk's issuance, prefund reserve accounts and partially repay shareholder loans.
Ineligible Projects	4.1.6	For clarification purposes, fossil fuel power generation projects are excluded from the ASEAN GBS.	Yes	The Project is a solar renewable energy project. The Issuer has also stipulated in the Framework that projects utilising fossil fuel for power generation are not eligible for funding.
Continuous Accessibility to Information and Reporting	4.2.1	The Issuer of ASEAN Green Bonds must clearly communicate to investors – (i) The environmental sustainability objectives; (ii) The process by which the Issuer determines how the projects fit within the eligible Green Projects categories identified above; and (iii) The related eligibility criteria, including, if applicable, exclusion criteria or any other process applied to identify and manage potentially material environmental and social risks associated with the Green Projects.	Yes	Through the Sukuk, 3SP aims to promote the development of renewable energy. The process for the evaluation and selection of the Project is detailed in the Framework.
	4.2.5	The Issuer must make the following publicly available on a website designated by the Issuer at the time of the issuance and throughout the tenure of ASEAN Green Bonds: (i) The process for project evaluation; (ii) The use of proceeds; and (iii) External review report on the process (if any).	Yes	The Issuer is committed to publishing the Framework on FAST and/or Solarpack's corporate website (www.solarpack.es). The Framework includes information describing the project evaluation process, the intended use of proceeds and the requirement to obtain a second opinion to confirm the validity of the Framework. The second opinion report will be made publicly available on FAST and/or the Group's corporate website, and RAM's website (www.ram.com.my).
	4.3.1	Prior to the issuance of the ASEAN Green Bonds, the Issuer must disclose to investors in the documentation for the issuance of the ASEAN Green Bonds the process for managing the net proceeds from the ASEAN Green Bonds.	Yes	Net issuance proceeds from the Sukuk will be deposited into a designated disbursement account jointly managed by 3SP and Malaysian Trustees. The Issuer may invest unutilised funds in the designated accounts in liquid shariah-compliant products approved by the SAC of the SC and/or the SAC of BNM.

Item	No.	Requirement	Alignment	Comment
	4.3.4	The Issuer must also disclose to investors in the documentation for the issuance of the ASEAN Green Bonds the intended types of temporary placement for the balance of unallocated proceeds.	Yes	3SP may invest unutilised proceeds in liquid shariah-compliant products approved by the SAC of the SC and/or the SAC of BNM. The process for managing net proceeds is described in the Framework.
	4.4.5	The Issuer must provide to investors the annual reporting and the external review on the annual reporting, if any, through a website designated by the Issuer and/or annual reports throughout the tenure of the ASEAN Green Bonds.	Yes	The Issuer is committed to publishing an ASEAN Green SRI Sukuk Wakalah Report, consisting of allocation reporting and impact reporting, on FAST and/or Solarpack's corporate website. The report will be made publicly available within one year from the Sukuk's issuance and will be updated annually for as long as the Sukuk is outstanding.
Encourage More Frequent Reporting	4.4.1	Issuers must report to investors at least on an annual basis and encouraged to make more frequent reporting on the use of proceeds until full allocation, and as necessary thereafter in the event of material developments. This should include a list of the projects to which the ASEAN Green Bonds proceeds have been allocated, as well as a brief description of the projects and the amounts allocated and their expected impact.	Yes	3SP is committed to publishing an ASEAN Green SRI Sukuk Wakalah Report, consisting of allocation reporting and impact reporting, on FAST and/or the Group's corporate website. The report will be made publicly available within one year of the Sukuk's issuance and will be updated annually for as long as the Sukuk is outstanding.
External Review	5.1	Issuers are recommended to appoint external review providers for their ASEAN Green Bonds issuances.	Yes	RAM Sustainability has been appointed to provide a second opinion of the Issuer's Framework. The review covers an assessment of the Issuer's Framework against disclosure requirements of the ASEAN GBS, the SRI Sukuk Framework, and the GBP as well as the sustainability responsibilities of the Issuer.
	4.2.4	It is recommended that the Issuer's process for project evaluation and selection be supported by an external review.	Yes	The second opinion report by RAM Sustainability covers project evaluation and selection.
	4.3.5	It is recommended that the Issuer's management of proceeds be supplemented by the use of an auditor, or other third party to verify the internal tracking method and the allocation of funds from the ASEAN Green Bonds proceeds.	No	This is a voluntary process. The Issuer has not stated any intention to appoint an auditor or other third party to verify the internal tracking method and allocation of issuance proceeds from the Sukuk.
	4.3.6	Where the Issuer appoints an auditor or other third party to verify the Issuer's management of proceeds, the Issuer must make the report produced by the auditor or other third party publicly available on a website designated by the Issuer at the time of issuance of the ASEAN Green Bonds.	No	This is a voluntary process. The Issuer has not stated any intention to appoint an auditor or other third party to verify the internal tracking method and allocation of issuance proceeds from the Sukuk.
	4.4.4	It is recommended that the Issuer's annual reporting on the use of proceeds be supplemented by a confirmation of such use of proceeds by an external reviewer along with any relevant updates of the external review.	No	This is a voluntary process. The Issuer has not stated any intention to appoint an external reviewer to confirm the accuracy of its annual reporting on the use of proceeds.

APPENDIX 3



Green Bond/ Green Bond Programme External Review Form

Section 1. Basic Information

Issuer name: Solarpack Suria Sungai Petani Sdn Bhd

Green Bond ISIN or Issuer Green Bond Framework Name, if applicable: ASEAN Green SRI Sukuk Wakalah Framework

Review provider's name: RAM Sustainability Sdn Bhd

Completion date of this form: 10 February 2023

Publication date of review publication: 10 February 2023

Section 2. Review Overview

SCOPE OF REVIEW

The following may be used or adapted, where appropriate, to summarise the scope of the review.

The review assessed the following elements and confirmed their alignment with the GBP:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Use of Proceeds | <input checked="" type="checkbox"/> Process for Project Evaluation and Selection |
| <input checked="" type="checkbox"/> Management of Proceeds | <input checked="" type="checkbox"/> Reporting |

ROLE(S) OF REVIEW PROVIDER

- | | |
|--|--|
| <input checked="" type="checkbox"/> Consultancy (including second opinion) | <input type="checkbox"/> Certification |
| <input type="checkbox"/> Verification | <input checked="" type="checkbox"/> Rating |
| <input type="checkbox"/> Other (<i>please specify</i>): | |

Note: In case of multiple reviews / different providers, please provide separate forms for each review.

EXECUTIVE SUMMARY OF REVIEW and/or LINK TO FULL REVIEW (*if applicable*)

Please refer to the Second Opinion Report on 3SP's ASEAN Green SRI Sukuk Wakalah Framework.

Section 3. Detailed Review

Reviewers are encouraged to provide the information below to the extent possible and use the comment section to explain the scope of their review.

1. USE OF PROCEEDS

Overall comment on section (if applicable):

Approximately, 90.4% of proceeds from the Sukuk (or RM258 million) will be used to refinance the bridge loan acquired to part-finance the development costs of a 90.88 MW_{AC} solar PV power plant in Sungai Petani, Kedah, Malaysia. Remaining proceeds will be utilised for general working capital purposes as well as to defray adviser fees and expenses related to the Sukuk's issuance, prefund reserve accounts and partially repay shareholder loans.

Use of proceeds categories as per GBP:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Renewable energy | <input type="checkbox"/> Energy efficiency |
| <input type="checkbox"/> Pollution prevention and control | <input type="checkbox"/> Environmentally sustainable management of living natural resources and land use |
| <input type="checkbox"/> Terrestrial and aquatic biodiversity conservation | <input type="checkbox"/> Clean transportation |
| <input type="checkbox"/> Sustainable water and wastewater management | <input type="checkbox"/> Climate change adaptation |
| <input type="checkbox"/> Eco-efficient and/or circular economy adapted products, production technologies and processes | <input type="checkbox"/> Green buildings |
| <input type="checkbox"/> Unknown at issuance but currently expected to conform with GBP categories, or other eligible areas not yet stated in GBP | <input type="checkbox"/> Other (please specify): |

If applicable please specify the environmental taxonomy, if other than GBP:

2. PROCESS FOR PROJECT EVALUATION AND SELECTION

Overall comment on section (if applicable):

Solarpack has led the project evaluation and selection process for the financing and refinancing of the Project. The Group, in collaboration with Solarpack Asia and the Issuer, has conducted an ESIA and various technical studies and assessments for the development and implementation of a large-scale solar PV power plant in Kedah, Malaysia.

Solarpack's Green Financing Subcommittee has reviewed the studies and reports produced and approved the Project's selection as an Eligible Green Project to be refinanced through the Sukuk. This selection was validated by the Group's ESG Committee.

The processes employed by Solarpack are good governance practices for the development of the large-scale solar PV power plant.

Evaluation and selection

- | | |
|--|---|
| <input checked="" type="checkbox"/> Credentials on the issuer's environmental sustainability objectives | <input checked="" type="checkbox"/> Documented process to determine that projects fit within defined categories |
| <input checked="" type="checkbox"/> Defined and transparent criteria for projects eligible for Green Bond proceeds | <input checked="" type="checkbox"/> Documented process to identify and manage potential ESG risks associated with the project |
| <input checked="" type="checkbox"/> Summary criteria for project evaluation and selection publicly available | <input type="checkbox"/> Other <i>(please specify)</i> : |

Information on Responsibilities and Accountability

- | | |
|--|---|
| <input checked="" type="checkbox"/> Evaluation / Selection criteria subject to external advice or verification | <input checked="" type="checkbox"/> In-house assessment |
| <input type="checkbox"/> Other <i>(please specify)</i> : | |

3. MANAGEMENT OF PROCEEDS

Overall comment on section *(if applicable)*:

Net issuance proceeds from the Sukuk will be deposited into a designated disbursement account jointly managed by 3SP and Malaysian Trustees. The Issuer may invest unutilised funds in the designated accounts in liquid shariah-compliant products approved by the SAC of the SC and/or the SAC of BNM. These include Islamic bankers' acceptances, Islamic treasury bills, Islamic money market instruments, and other Islamic instruments or sukuk issued by BNM or the Malaysian government.

Tracking of proceeds:

- | |
|---|
| <input checked="" type="checkbox"/> Green Bond proceeds segregated or tracked by the issuer in an appropriate manner |
| <input checked="" type="checkbox"/> Disclosure of intended types of temporary investment instruments for unallocated proceeds |
| <input type="checkbox"/> Other <i>(please specify)</i> : |

Additional disclosure:

- | | |
|---|--|
| <input type="checkbox"/> Allocations to future investments only | <input type="checkbox"/> Allocations to both existing and future investments |
| <input type="checkbox"/> Allocation to individual disbursements | <input type="checkbox"/> Allocation to a portfolio of disbursements |
| <input checked="" type="checkbox"/> Disclosure of portfolio balance of unallocated proceeds | <input type="checkbox"/> Other <i>(please specify)</i> : |

4. REPORTING

Overall comment on section *(if applicable)*:

The process for reporting is in line with expected norms for green sukuk. 3SP is committed to publishing an ASEAN Green SRI Sukuk Wakalah Report, consisting of allocation reporting and impact reporting, on FAST and/or the Group's corporate website. The report will be made publicly available within one year of the Sukuk's issuance and will be updated annually for as long as the Sukuk is outstanding.

Use of proceeds reporting:

- | | |
|--|--|
| <input type="checkbox"/> Project-by-project | <input checked="" type="checkbox"/> On a project portfolio basis |
| <input type="checkbox"/> Linkage to individual bond(s) | <input type="checkbox"/> Other <i>(please specify)</i> : |

Information reported:

- Allocated amounts Green Bond financed share of total investment
 Other (please specify):

Frequency:

- Annual Semi-annual
 Other (please specify):

Impact reporting:

- Project-by-project On a project portfolio basis
 Linkage to individual bond(s) Other (please specify):

Frequency:

- Annual Semi-annual
 Other (please specify):

Information reported (expected or ex-post):

- GHG Emissions / Savings Energy Savings
 Decrease in water use Other ESG indicators (please specify): See Section 2.4 of the Second Opinion Report.

Means of Disclosure

- Information published in financial report Information published in sustainability report
 Information published in ad hoc documents Other (please specify): Report published on BNM's FAST website and/or Solarpack's corporate website
 Reporting reviewed (if yes, please specify which parts of the reporting are subject to external review):

Where appropriate, please specify name and date of publication in the useful links section.

USEFUL LINKS (e.g., to review provider methodology or credentials, to issuer's documentation, etc.)

BNM's FAST website (<https://fast.bnm.gov.my>), Solarpack's corporate website (www.solarpack.es).

SPECIFY OTHER EXTERNAL REVIEWS AVAILABLE, IF APPROPRIATE**Type(s) of Review provided:**

- Consultancy (incl. 2nd opinion) Certification
 Verification / Audit Rating
 Other (please specify):

Review provider(s):**Date of publication:**

ABOUT ROLE(S) OF REVIEW PROVIDERS AS DEFINED BY THE GBP

- 1) **Second Party Opinion:** An institution with environmental expertise, that is independent from the issuer may issue a Second Party Opinion. The institution should be independent from the issuer's adviser for its Green Bond framework, or appropriate procedures, such as information barriers, will have been implemented within the institution to ensure the independence of the Second Party Opinion. It normally entails an assessment of the alignment with the Green Bond Principles. In particular, it can include an assessment of the issuer's overarching objectives, strategy, policy and/or processes relating to environmental sustainability, and an evaluation of the environmental features of the type of projects intended for the Use of Proceeds.
- 2) **Verification:** An issuer can obtain independent verification against a designated set of criteria, typically pertaining to business processes and/or environmental criteria. Verification may focus on alignment with internal or external standards or claims made by the issuer. Also, evaluation of the environmentally sustainable features of underlying assets may be termed verification and may reference external criteria. Assurance or attestation regarding an issuer's internal tracking method for use of proceeds, allocation of funds from Green Bond proceeds, statement of environmental impact or alignment of reporting with the GBP, may also be termed verification.
- 3) **Certification:** An issuer can have its Green Bond or associated Green Bond framework or Use of Proceeds certified against a recognised external green standard or label. A standard or label defines specific criteria, and alignment with such criteria is normally tested by qualified, accredited third parties, which may verify consistency with the certification criteria.
- 4) **Green Bond Scoring/Rating:** An issuer can have its Green Bond, associated Green Bond framework or a key feature such as Use of Proceeds evaluated or assessed by qualified third parties, such as specialised research providers or rating agencies, according to an established scoring/rating methodology. The output may include a focus on environmental performance data, the process relative to the GBP, or another benchmark, such as a 2-degree climate change scenario. Such scoring/rating is distinct from credit ratings, which may nonetheless reflect material environmental risks.

ABOUT RAM SUSTAINABILITY

RAM Sustainability Sdn Bhd (RAM Sustainability) is a provider of sustainability services and ESG analytics. Incorporated on 31 May 2000, RAM Sustainability is a wholly owned subsidiary of RAM Holdings Berhad (RAM Group). RAM Sustainability is the first ASEAN-based provider of sustainability ratings and second opinions and has the distinction of being the first Registered Observer of ICMA’s Green Bond Principles, Social Bond Principles and Sustainability Bond Guidelines in ASEAN. It is a member of ICMA’s Advisory Council to the GBP and SBP Executive Committee for three consecutive terms. On 12 August 2020, RAM Sustainability became an Approved Verifier for the certification of climate bonds under the Climate Bonds Standard & Certification Scheme after having been awarded the status by the Climate Bonds Standards Board. For further details, please refer to <https://www.ram.com.my/sustainability>.

About the RAM Group

The RAM Group is a leading provider of independent credit ratings, research, training, risk analysis and bond pricing. Formerly known as Rating Agency Malaysia Berhad, the RAM Group was established in November 1990 as a catalyst for the domestic debt capital market and as the nation’s first credit rating agency. On 1 July 2007, its rating operations were novated to RAM Rating Services Berhad (RAM Ratings). RAM Ratings is a wholly owned subsidiary of the RAM Group.

RAM Ratings is the leading and largest credit rating agency in both Malaysia and ASEAN. Established in 1990 by the central bank of Malaysia as part of the “institutional infrastructure” to support the development of Malaysia’s bond market, RAM Ratings has rated over USD450 billion of bonds issued by over 750 entities. Its rating portfolio encompasses corporates, sovereign nations, financial institutions, insurance companies, project finance and structured finance obligations.

RAM Ratings is also the world’s leading rating agency for securities issued under Islamic principles, or sukuk. RAM Ratings’ experience in and contributions to the fast-growing sukuk market has won numerous awards, including Best Rating Agency (South-East Asia 2017) from CPI Financial and Best Islamic Rating Agency in 2016 from Islamic Finance News. On 26 May 2016, RAM Ratings joined the line-up of pioneer credit rating agency signatories to the United Nations-supported Principles for Responsible Investment’s Statement on ESG in Credit Ratings. The Statement on ESG in Credit Ratings is a way for RAM Ratings to communicate its commitment to a more systematic and transparent incorporation of ESG into credit ratings and analysis.

RAM Solutions Sdn Bhd, founded in 2016, provides independent credit opinions on ventures listed on a multi-bank, web-based platform known as the Investment Account Platform. As a subsidiary of RAM Holdings, Bond Pricing Agency Malaysia Sdn Bhd is the sole provider of bond-pricing and valuation data on the Malaysian bond market. For further Details, please refer to <https://www.ram.com.my>.





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