

Second-Party Opinion

Sunseap Green Finance Framework

Evaluation Summary

Sustainalytics is of the opinion that the Sunseap Green Finance Framework is credible and impactful, and aligns with the four core components of the Green Bond Principles 2018, the Green Loan Principles 2018, and ASEAN Green Bond Standards 2018. This assessment is based on the following:



USE OF PROCEEDS The eligibility criteria for the use of proceeds (renewable energy, energy efficiency, and green roof systems) are aligned with those recognized by the Green Bond Principles 2018, the Green Loan Principles 2018, and ASEAN Green Bond Standards 2018. Sustainalytics considers that the eligible projects will lead to positive environmental impacts and advance the UN Sustainable Development Goals 7 and 11.



PROJECT EVALUATION / SELECTION Sunseap's project selection process involves initial screening by business development teams and final validation by the senior management and the Board of Directors depending on the nature of the project. The project will then be further evaluated and selected based on a number of social and environmental determinants. This is in line with market practice.



MANAGEMENT OF PROCEEDS Sunseap has committed to tracking the allocation of funds to eligible projects using internal monitoring systems. Unallocated proceeds may be temporarily invested in cash, or cash equivalent instruments. This is in line with market practice.



REPORTING Sunseap intends to publish an annual report with information on allocation and environmental impacts. Allocation reporting is in line with market practices as the reporting will, on a best effort basis, include total amount of proceeds allocated to eligible projects, percent of portfolio dedicated to new financing vs refinancing, and may be reviewed by an auditor. Impact reporting will provide disclosure on annual energy generation, GHG emissions reduced and installed capacity. Sustainalytics' encourages Sunseap to provide additional disclosure on the achieved energy efficiency improvement of its projects.

Evaluation date	November, 2018
Issuer Location	Singapore

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Introduction

Sunseap Group Pte Ltd. (“Sunseap” or “the Group”) operates as a renewable energy firm based in Singapore. The Group offers clean energy and sustainable solutions including financing, designing, installation, and maintenance services. Sunseap Group serves commercial, industrial, residential, utility, and government sectors across Vietnam, Malaysia, Thailand, Philippines, Cambodia, Taiwan, China and Australia.

Sunseap has developed the Sunseap Green Finance Framework (the “Framework”) under which it is planning to issue Green Financing Instruments (the “GFI”) and use the proceeds to finance, or refinance, a portfolio of eligible green projects. The Framework defines eligibility criteria in three areas:

1. Renewable Energy (including, but not limited to, solar, run-of-river hydro, wind, etc.)
2. Energy Efficiency
3. Green Roof Systems

Sunseap engaged Sustainalytics to review the Sunseap Green Finance Framework and provide a second-party opinion on the GFI’s environmental credentials and the alignment of the Framework with the Green Bond Principles 2018 (the “GBP”),¹ the Green Loan Principles 2018 (the “GLP”),² and the ASEAN Green Bond Standards 2017 (the “AGBS”).³ This Framework has been published in a separate document.⁴

As part of this engagement, Sustainalytics held conversations with various members of Sunseap’s management team to understand the sustainability impact of their business processes and planned use of proceeds, as well as management of proceeds and reporting aspects of Sunseap’s GFI. Sustainalytics also reviewed relevant public documents and non-public information.

This document contains Sustainalytics’ opinion of the Sunseap Green Finance Framework and should be read in conjunction with that Framework.

¹ Green Bond Principles 2018 administered by the International Capital Market Association (the “ICMA”) <https://www.icmagroup.org/green-social-and-sustainability-bonds/green-bond-principles-gbp/>

² Green Loan Principles 2018 administered by the Loan Market Association (“LMA”) and Asia Pacific Loan Market Association (“APLMA”) https://www.icmagroup.org/assets/documents/Regulatory/Green-Bonds/LMA_Green_Loan_Principles_Booklet-220318.pdf

³ ASEAN Green Bond Standards 2018 administered by the ASEAN Capital Markets Forum <http://www.theacmf.org/ACMF/upload/GREENBONDACMF.pdf>

⁴ <http://www.sunseap.com/>

Sustainalytics' Opinion

Section 1: Sustainalytics' Opinion on the Sunseap Green Finance Framework

Summary

Sustainalytics is of the opinion that the Sunseap Green Finance Framework is credible and impactful, and aligns with the four core components of the GBP, GLP, and AGBS. Sustainalytics highlights the following elements of Sunseap's green finance framework:

- Use of Proceeds:
 - The eligibility criteria – renewable energy, energy efficiency, and green roof systems – include projects which are recognized by the GBP, GLP, and AGBS as project categories having positive environmental benefits. For additional information on Sustainalytics assessment of the environmental impacts, please see Section 3.
 - The Framework considers the inclusion of various renewable energy technologies which have clear environmental benefits, including solar (both rooftop- and ground-mounted), run-of-river hydropower projects, and wind.
 - Sunseap's Framework considers the inclusion of green roof systems.⁵ Well-developed and managed green roof systems have the potential to provide environmental benefits by not only providing aesthetic value and promoting biodiversity, but also offering quantifiable environmental benefits including reduced stormwater runoff, reduced heat flux from roof to building, and increased longevity of the roof compared to conventional roofs.⁶ Sustainalytics has a positive view of green roofs which leads to reducing heat transmission, ambient temperature, urban heat island effect, and rainwater runoff in urban areas.
 - Sunseap has included criteria in their Framework excluding any use of proceeds for hydro projects with >25MW installed generating capacity, nuclear energy technology, equipment or infrastructure, and fossil fuel extraction, refining, or transportation.
- Project Selection Process:
 - Projects will be screened by business development teams and approved by the senior management and the Board of Directors depending on the nature of the project. The project will then be further evaluated and selected based on a number of social and environmental determinants. This is in line with market practice.
- Management of Proceeds:
 - Sunseap has an internal monitoring system to track the allocation of proceeds, which is aligned with market practices. Unallocated proceeds may be temporarily invested in cash, or cash equivalent instruments. Sustainalytics considers this process to be in line with market practice.
- Reporting:
 - Sunseap has committed to annual allocation and impact reporting on the company's website. Following the issuance of green bonds, Sunseap will provide allocation and impact disclosure until all proceeds are allocated.
 - Allocation reporting will provide the total amount of the identified Eligible Green Portfolio, amounts allocated and the balance of unallocated proceeds, as well as the distribution of proceeds allocated to new financing and refinancing projects. Sustainalytics views Sunseap's allocation reporting commitments to be in line with market best practice.
 - Impact reporting will provide disclosure on annual energy generation, GHG emissions reduced and installed capacity, as well as project descriptions where relevant and possible. Additionally, Sunseap has informed Sustainalytics that energy efficiency projects are expected to reach a minimum of 20% in energy improvement measured in terms of consumption kWh. Sustainalytics encourages Sunseap to report on energy efficiency improvement metrics within its annual reporting.

⁵ Sunseap Solutions, a subsidiary of Sunseap Group, offers the full range of Optigreen's green roof solutions and components http://www.sunseap.com/SG/newsroom/2018/news_20180817.html

⁶ <https://www.gsa.gov/about-us/organization/office-of-governmentwide-policy/office-of-federal-highperformance-buildings/resource-library/integrative-strategies/green-roofs> and www.ekrost.cz/PDF/navod_velky.pdf

Alignment with ASEAN Green Bond Standards

The ASEAN Green Bond Standards provide guidance to issuers and communicate more specifically what an issuer should do to issue a credible green bond within Southeast Asia. Sustainalytics is of the opinion that the Sunseap Green Finance Framework aligns with the ASEAN Green Bond Standards 2018. See Appendix 1: Alignment to the ASEAN Green Bond Standards.

Alignment with Green Bond Principles and Green Loan Principles

Sustainalytics has determined that the Sunseap Green Finance Framework aligns to the core components of the Green Bond Principles 2018. For detailed information please refer to Appendix 2: Green Bond/Green Bond Programme External Review Form. Sustainalytics also considers the Framework to be aligned with the expectations of the Green Loan Principles 2018 which closely reflect the GBP.

Section 2: Sustainability Performance of the Issuer

Contribution of framework to issuer's sustainability strategy

Sunseap Group is engaged in the provision of a range of solutions in the space of renewable energy, particularly solar power, and therefore its business model is focused on offering sustainability related products and services. The company's strategy is summarized by its vision and mission statements, included in the Green Finance Framework, "Affordable Clean Energy for Everyone" and "Spearheading clean energy utilities and decarbonizing solutions in a sustainable manner". Through its website, the company includes examples of solar projects it has completed for clients in the commercial and industrial, residential and government segments.⁷ As of August 2018, Sunseap had over 160 megawatts peak (MWp) of contracted solar project capacity in Singapore and over 200 MWp in the larger Asia-Pacific region.⁸ However, Sunseap does not publicly disclose a sustainability strategy, nor dedicated formal policies or targets outlining its approaches and commitments in terms of environmental, social and governance (ESG) issues.

Though Sustainalytics acknowledges the environmental and social benefits of the projects included in Sunseap Green Finance Framework, Sustainalytics encourages Sunseap to formalize its sustainability commitment through policies and targets that are publicly disclosed. Despite the absence of formal group-wide environmental and social policies or principles, Sustainalytics positively views Sunseap's efforts to raise Green Financing Instruments, through both green bonds and green loans, as an initiative that effectively demonstrates Sunseap's commitment to further support and advance clean energy.

Well positioned to address common environmental and social risks associated with the projects

While the use of proceeds categories are recognized as having a positive environmental impact, Sustainalytics also notes potential environmental and social risks related to renewable energy and energy projects. Furthermore, outside of Singapore, Sunseap has operations in, or plans to enter, a number of emerging markets in South East Asia (such as Cambodia, Thailand, Philippines, Vietnam, Malaysia, Laos, Myanmar and Indonesia) where environmental and social standards are generally comparatively lower and less stringently enforced than Singapore, therefore exposing Sunseap to potential risks. These are mainly related to impacts and risks such as occupational health and safety (of construction workers and contractors), land use and biodiversity loss, and community relations.

In its Green Finance Framework, Sunseap states that projects are evaluated and selected based on "relevant Environmental and Social Impact Assessment according to the local requirements and international guidelines", among other considerations. The company clarified that these are pre-installation requirements (e.g. safety and building structure) as outlined by the Building Construction Authority (BCA) in Singapore which sets requirements on structural safety of solar energy facilities, as well as operations and maintenance.⁹ In communication with Sustainalytics, Sunseap provided evidence that

⁷ http://www.sunseap.com/SG/commercial/solar_ppa/solar.html

⁸ <http://www.sunseap.com/SG/newsroom/news.html>

⁹ https://www.bca.gov.sg/GreenMark/othershandbook_for_solar_pv_systems_edited_copy.pdf

Sunseap Leasing, one of the three group subsidiaries, has received external certification to OHSAS 18001:2007 standard as well as accreditation for bizSAFE Level Star. Both are relevant standards for occupational health and safety management.

On its website, Sunseap states that it conducts project due diligence, evaluates various operational and financial risks, and ensures compliance and operational requirements are met.¹⁰ These activities seem to be mostly focused on minimizing system downtime and ensuring quality and reliability of energy services and provision. Sustainalytics appreciates that these are important factors to manage in order to ensure customer satisfaction and to support the uptake of renewable energy.

On the international front, the company adhered to the Asian Development Bank environmental safeguards as part of the loan arrangement for a project in Cambodia.¹¹¹² In communication with Sustainalytics, Sunseap also provided evidence that it developed an environmental and social management plan for the project in Vietnam, including a stakeholder engagement plan, a community development plan, and a livelihood restoration plan. These plans were developed on a project-basis.

Sunseap does not currently publicly disclose detailed group-wide policies, processes and management systems addressing common environmental and social issues with its projects. However, in communication with Sustainalytics, Sunseap stated that it is developing a group-wide environmental and social risk management framework to be applied to its projects, as the company expands its business operations outside Singapore. Sustainalytics recommends that Sunseap strengthen its disclosure and increase transparency on its approach and strategy, as this can give investors additional confidence regarding Sunseap's governance and systems around sustainability issues.

Section 3: Impact of Use of Proceeds

All three use of proceeds criteria are recognized as impactful by GBP, GLP and AGBS. Sustainalytics has focused on two below where the impact is specifically relevant in local context.

Impact of renewable energy and energy efficiency projects in ASEAN

Asia accounted for approximately one third of global GHG emissions in 2014.¹³ These emissions are increasing globally, and at a comparatively faster rate in Asia than in other parts of the world.¹⁴ The COP21 Paris Agreement and global commitment to limit GHG emissions is translating into a growing desire and need to reduce energy use, increase energy efficiency and implement innovative technologies to tackle climate change. Accordingly, Singapore has pledged to reduce its emission intensity by 36% below 2005 levels by 2030.¹⁵ According to the Singapore government, the city-state contributes only about 0.1% of global absolute emissions, but ranks 26 out of 142 countries in terms of per-capita emission levels given its small size, dense population and economic development.¹⁶ Furthermore, as of December 2017, 95% of Singapore's electricity was generated by natural gas.¹⁷ Being an island nation with limited natural resources, Singapore especially can be particularly predisposed to continue using energy derived from fossil fuels.

Energy demand from the ten countries of the Association of Southeast Asian Nations (ASEAN) has grown by 60% over the past 15 years and is expected to continue to increase steadily in the coming years, spurred

¹⁰ The Asian Development Bank's Safeguard Policy Statement (SPS) requires borrowers to identify project impacts and assess their significance; examine alternatives; and prepare, implement, and monitor environmental management plans. The SPS requires borrowers to consult people likely to be affected by the project and disclose relevant information in a timely manner and in a form and in languages understandable to those being consulted. <https://www.adb.org/site/safeguards/environment>

¹¹ <https://www.adb.org/news/adb-backs-sunseap-build-cambodias-first-large-scale-solar-farm>

¹² <http://www.worldbank.org/en/news/opinion/2016/05/03/asia-help-lead-way-change-course-climate-change>

¹³ <https://www.climatewatchdata.org/ghg-emissions?breakBy=location&filter=AUS%2CCHN%2CEAP%2CIDN%2CJPN%2CMYS%2CMMR%2CPHL%2CSGP%2CKOR%2CTHA%2CVNM%2CIND&source=31&version=1>

¹⁴ <http://www4.unfccc.int/ndcregistry/PublishedDocuments/Singapore%20First/Singapore%20INDC.pdf>

¹⁵ <https://www.nccs.gov.sg/climate-change-and-singapore/national-circumstances/singapore's-emissions-profile>

¹⁶ <https://www.nccs.gov.sg/climate-change-and-singapore/national-circumstances/overview>

by population and economic growth in the region.¹⁸ In 2015, ASEAN ministers adopted an aspirational target of 23% renewable energy by 2025. According to analysis by the International Renewable Energy Agency (IRENA), as of 2017, the countries were on track to source 17% of their combined total primary energy need supply from renewables by 2025, thus leaving a 6% gap requiring the roll out of more renewables.¹⁹

Given this context, Sustainalytics considers that financing renewable energy and energy efficiency projects - which contribute to climate change mitigation and adaptation - is especially important for countries in the Asia-Pacific region, which due to their geographical position are prone to experience the effects of climate change more pronouncedly. Moreover, by 2025 ASEAN countries will be home to over 715 million people, many of whom currently still lack access to modern energy services. Therefore, renewables can play a key role in ensuring clean and affordable energy for people in the region.

Sunseap's Green Financing Instruments will be allocated to renewable energy projects such as solar, run-of-river hydro and wind energy; and energy efficiency projects such as smart grids, battery storage and LED lighting retrofit. Sustainalytics has a positive view of Sunseap's project portfolio and is of the opinion that such projects will contribute to the reduction of GHG emissions in high-growth emerging markets in South Asia and the wider Asia-Pacific region.

Alignment with/contribution to SDGs

The Sustainable Development Goals (SDGs) were set in September 2015 and form an agenda for achieving sustainable development by the year 2030. Sunseap's Green Financing Instruments advances the following SDG goals and targets:

Use of Proceeds Category	SDG	SDG target
Renewable Energy	7. Affordable and Clean Energy	7.2 By 2030, increase substantially the share of renewable energy in the global energy mix
Energy Efficiency	7. Affordable and Clean Energy	7.3 By 2030, double the global rate of improvement in energy efficiency
Green Roof Systems	11. Sustainable cities and communities	11.6 By 2030, reduce the adverse per capita environmental impact of cities, including by paying special attention to air quality and municipal and other waste management

Conclusion

Sunseap has developed the Sunseap Green Finance Framework, under which it intends to raise Green Financing Instruments (the "GFI") and use the proceeds to finance, or refinance green projects in three eligible areas: renewable energy, energy efficiency, and green roof systems. Though Sustainalytics acknowledges the environmental and social benefits of the projects included in Sunseap Green Finance Framework, Sustainalytics encourages Sunseap to formalize its sustainability commitment through policies and targets that are publicly disclosed.

The eligibility criteria specified in the Framework is aligned with the Green Bond Principles 2018, the Green Loan Principles 2018, the ASEAN Green Bond Standards 2018; Sunseap has described a process by which proceeds will be tracked, allocated, and managed internally; and commitments have been made for the reporting of allocation and impact. Furthermore, Sustainalytics believes that the initiatives funded by the GFI will contribute to the advancement of UN Sustainable Development Goal 7 and 11.

Overall, Sustainalytics is of the opinion that the Sunseap Green Finance Framework is credible, transparent, and aligned with the Green Bond Principles 2018, the Green Loan Principles 2018, and the ASEAN Green Bond Standards 2018.

¹⁷ <https://www.iea.org/southeastasia/>

¹⁸ http://www.irena.org/-/media/Files/IRENA/Agency/Quarterly/IRENA_Quarterly_2017_Q4.pdf

Appendices

Appendix 1: Alignment to the ASEAN Green Bond Standards

ASEAN Green Bond Standards' Criteria	Alignment with ASEAN GBS	Sustainalytics' comments on alignment with the ASEAN Green Bond Standards. ²⁰
Eligibility	Yes	The AGBS requires that issuers must be located in or that the proceeds be directed to assets in an ASEAN country. As a Singapore-based institution, Sunseap qualifies.
Use of Proceeds	Yes	The AGBS offers specific clarification that fossil fuel power generation projects are excluded; Sunseap has included criteria in the Framework to this effect.
Process for Project Evaluation and Selection	Yes	The AGBS specifies information that must be clearly communicated to investors before issuance regarding project selection. Within its framework, Sunseap has described a process by which business units originating projects will conduct an initial screen for potential qualifying assets, final validation by the senior management and the Board of Directors depending on the nature of the project. The project will then be further evaluated and selected based on a number of social and environmental determinants.
Management of Proceeds	Yes	The AGBS mandates that proceeds must be appropriately tracked and that temporary investments be disclosed. Within its Framework, Sunseap has described using internal monitoring systems and that unallocated proceeds may be temporarily invested in cash, cash equivalent instruments.
Reporting	Yes	The AGBS requires annual reporting on the allocation of funds and the expected impacts. Sunseap has committed to providing an annual report as long as there are bonds outstanding.
Annual Review	Yes	The AGBS encourages, but does not require, annual reviews. The Sunseap framework commits to engaging an external assurance provider for its annual review.

¹⁹ For detailed comments on alignment with ICMA SBG, please see [Appendix](#).

Appendix 2: Green Bond / Green Bond Programme - External Review Form Section 1. Basic Information

Issuer name:	Sunseap Group Pte Ltd.
Green Bond ISIN or Issuer Green Bond Framework Name, if applicable: <i>[specify as appropriate]</i>	Sunseap Green Finance Framework
Review provider's name:	Sustainalytics
Completion date of this form:	November 21, 2018
Publication date of review publication: <i>[where appropriate, specify if it is an update and add reference to earlier relevant review]</i>	

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 GBPs:

- | | |
|--|--|
| <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 (incl. 2 nd opinion) | <input type="checkbox"/> Certification |
| <input type="checkbox"/> Verification | <input 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 Executive Summary above.

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)*:

The eligibility criteria for the use of proceeds (renewable energy, energy efficiency, and green roof systems) are aligned with those recognized by the Green Bond Principles. Sustainalytics considers that the eligible projects will lead to positive environmental impacts and advance the UN Sustainable Development Goals 7 and 11.

Use of proceeds categories as per GBP:

- | | |
|--|--|
| <input checked="" type="checkbox"/> Renewable energy | <input checked="" 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 GBPs | <input checked="" type="checkbox"/> Other <i>(please specify)</i> : green roof systems |

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

2. PROCESS FOR PROJECT EVALUATION AND SELECTION

Overall comment on section *(if applicable)*:

Sunseap's project selection process involves initial screening by business development teams and final validation by senior management and the Board of Directors depending on the nature of the project. The project will then be further evaluated and selected based on a number of social and environmental determinants. This is in line with market practice.

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*):

Sunseap has committed to tracking the allocation of funds to eligible projects using internal monitoring systems. Unallocated proceeds may be temporarily invested in cash, cash equivalent instruments. This is in line with market practice.

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 checked="" 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 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):

Sunseap intends to publish an annual report with information on allocation and environmental impacts. Allocation reporting is in line with market practices as the reporting will include, on a best effort basis, total amount of proceeds allocated to eligible projects, percent of portfolio dedicated to new financing vs refinancing, and may be reviewed by an auditor. Impact reporting will provide disclosure on annual energy generation, GHG emission reduced and installed capacity. Sustainalytics' encourages Sunseap to provide additional disclosure on the achieved energy efficiency improvement of its projects.

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:

- | | |
|---|--|
| <input checked="" type="checkbox"/> Allocated amounts | <input type="checkbox"/> Green Bond financed share of total investment |
| <input type="checkbox"/> Other (<i>please specify</i>): | |

Frequency:

- | | |
|--|--------------------------------------|
| <input checked="" type="checkbox"/> Annual | <input type="checkbox"/> Semi-annual |
| <input type="checkbox"/> Other (please specify): | |

Impact 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 (please specify): |

Frequency:

- | | |
|--|--------------------------------------|
| <input checked="" type="checkbox"/> Annual | <input type="checkbox"/> Semi-annual |
| <input type="checkbox"/> Other (please specify): | |

Information reported (expected or ex-post):

- | | |
|---|---|
| <input checked="" type="checkbox"/> GHG Emissions / Savings | <input type="checkbox"/> Energy Savings |
| <input type="checkbox"/> Decrease in water use | <input checked="" type="checkbox"/> Other ESG indicators (please specify): annual energy generation, installed capacity |

Means of Disclosure

- | | |
|---|---|
| <input type="checkbox"/> Information published in financial report | <input type="checkbox"/> Information published in sustainability report |
| <input type="checkbox"/> Information published in ad hoc documents | <input checked="" type="checkbox"/> Other (please specify): website |
| <input type="checkbox"/> 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.)

SPECIFY OTHER EXTERNAL REVIEWS AVAILABLE, IF APPROPRIATE

Type(s) of Review provided:

- | | |
|--|--|
| <input type="checkbox"/> Consultancy (incl. 2 nd opinion) | <input type="checkbox"/> Certification |
| <input type="checkbox"/> Verification / Audit | <input type="checkbox"/> Rating |
| <input type="checkbox"/> Other (<i>please specify</i>): | |

Review provider(s):

Date of publication:

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

- i. 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.
- ii. 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.
- iii. 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.
- iv. 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.

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The Opinion was drawn up with the aim to provide objective information on why the analyzed bond is considered sustainable and responsible, and is intended for investors in general, and not for a specific investor in particular. Consequently, this Opinion is for information purposes only and Sustainalytics will not accept any form of liability for the substance of the opinion and/or any liability for damage arising from the use of this Opinion and/or the information provided in it.

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The client is fully responsible for certifying and ensuring its commitments' compliance, implementation and monitoring.

Sustainalytics

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