DNV



BCPG Public Company Limited Green Bond Climate Bond Standard Verification Report

BCPG

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Abbreviations

- Corrective Action Request Clarification request Desktop Review CAR
- CL
- DR
- Forward Action Request FAR
- Interview Ι

1 INTRODUCTION

BCPG Public Company Limited ("BCPG"), has commissioned DNV Business Assurance Australia ("DNV") to carry out the verification of the BCPG Green Bond. This report contains the findings from the verification and a verification statement regarding compliance with the Geothermal Energy and the Climate Bond Standard version 3.0, ("Climate Bond Standard").

1.1 Objective

A verification audit takes place as part of the process of a Green Bonds Issuer applying for a Climate Bonds Certification Mark for issuance of Certified Green Bonds. The purpose of verification is to have an independent third party assess whether or not an Issuer of Certified Green Bonds is complying with the Standard through a compliance audit of the procedures which are either already in place or are being established to manage the proceeds of the Bond effectively and in line with the objectives of the Climate Bond Standard.

1.2 Scope

The verification scope is defined as an independent and objective limited assurance audit of the Bond and the Issuer. The Bond and the Issuer are reviewed against the criteria stated in the Climate Bond Standard.

The verification is not meant to provide any consulting towards the Issuer. However, stated requests for clarifications and/or corrective actions may have provided input for improvement of the capacity of the Issuer to comply with the Climate Bond Standard.

2 METHODOLOGY

The verification consists of the following two phases:

- I desktop reviews of the BCPG and associated parties documentation leading up to issuance and execution of the Pre-issuance Verification
- II desktop review of the Pre-issuance BCPG and associated parties documentation and execution of the Pre-issuance Verification

This confidential report will form the basis for recording the analysis and outcome of both steps of the verification. This report currently contains the information related to the **PRE-ISSUANCE VERIFICATION**.

The following sections outline each step in more detail.

2.1 Review of Documentation

Documents provided by BCPG that relate directly to the Green Bond are listed below. These have been used as direct sources of evidence for the verification conclusions, and are also further checked, as considered appropriate, through interviews with key personnel.

- /1/ BCPG Green Financing Framework
- /2/ Star Energy Geothermal Sustainability Report 2020 Wayang Windu
- /3/ Star Energy Geothermal Sustainability Report 2020 Salak
- /4/ Star Energy Geothermal Sustainability Report 2020 Darajat
- /5/ IFC Geothermal Guidelines, as at May 2020
- /6/ Star Energy Sustainability Report Website
- (https://www.starenergygeothermal.co.id/sustainability-report/) as at 23 July 2021
- /7/ The BCPG Website (https://www.bcpggroup.com/en) as at 23 July 2021

Background documents related to the Green Bond.

- /8/ Climate Bond Standard version 3.0, July 2021.
- /9/ Climate Bond Standard Technical Criteria: Geothermal Energy, v1.0

2.2 Interviews with and Information Collected from Bond Issuer stakeholders

DNV conducted a series of discussions with BCPG representatives to gather information about the Bonds and collected information from the Issuer as follows:

The following key persons were involved in these discussions.

- /10/ Lalipat Farmpiboon Bangkok Bank Public Company Limited
- /11/ Sasithaya Kritayapimonporn BCPG Group
- /12/ Kongkiat Kanjanapan BCPG Group

2.3 Resolution of outstanding issues

The objective of this phase of the verification is to resolve any outstanding issues, which need be clarified prior to DNV's conclusion on the Bond. To ensure transparency, a verification protocol was customised for the audit. The protocol shows in a transparent manner the criteria (requirements), means of verification and the results from verifying the identified criteria. The verification protocol serves the following purposes:

• It organises, details and clarifies the requirements a Green Bond is expected to meet;

• It ensures a transparent verification process where the verifier will document how a particular requirement has been verified and the result of the verification.

The verification protocol consists of two tables. The different columns in these tables are described in the figure below. The completed verification protocol for the Bond is enclosed in Appendix A and Appendix B to this report.

A corrective action request (CAR) is raised if one of the following occurs:

- (a) The Issuer lacks or has deficient processes and procedures that will influence the ability of the Issuer to meet the requirements of the Climate Bond Standard;
- (b) The Climate Bond Standard requirements have not been met.

A clarification request (CL) is raised if information is insufficient or not clear enough to determine whether the applicable Climate Bond Standard requirements have been met.

A forward action request (FAR) is raised during verification to highlight issues related to the Issuer's implementation of the requirements of the Climate Bond Standard that require review during a subsequent verification.

Verification Protocol Table 1: Resolution of Corrective Action and Clarification Reg	uests
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Corrective action and/ or clarification requests	Ref. to checklist question in Table 2	Response by Bond Issuer	Verification conclusion
The CARs and/ or CLs raised in Table 2 are repeated here.	Reference to the checklist question number in Table 2 where the CAR or CL is explained.	The responses given by the Issuer/ to address the CARs and/or CLs.	The verification team's assessment and final conclusions of the CARs and/or CLs.

Verification Protocol Table 2: Forward Action Requests							
Forward action request	Ref. to checklist question in Table 2	Response by Bond Issuer					
The FARs raised in Table 2 are repeated here.	Reference to the checklist question number in Table 2 where the FAR is explained.	Response by Bond Issuer on how forward action request will be addressed prior to a subsequent verification.					

Verification Prot	Verification Protocol Table 3: Requirement Checklist							
Checklist question	Reference	Means of verification (MoV)	Assessme nt by DNV	Draft and/or Final Conclusion				
The various requirements that the Issuer should meet to ensure compliance with the Climate Bond Standard. The checklist is organised in different sections, following the logic of the Climate Bond Standard.	Gives reference to documents where the answer to the checklist question or item is found.	Means of verification (MoV) are document review (DR), interview (I) or any other follow- up actions (e.g., on site visit and telephone or email interviews) and cross-checking (CC) with available information relating to the Bond.	The discussion on how the conclusion is arrived at and the conclusion on the compliance with the checklist question so far.	OK is used if the information and evidence provided is adequate to demonstrate compliance with Climate Bond Stand requirements. A corrective action request (CAR) is raised when the Issuer lacks or has deficient procedures that will influence the ability of the Issuer to meet the requirements of the Climate Bond Standard, or the Climate Bond Standard requirements have not been met. A clarification request (CL) is raised if information is insufficient or not clear enough to determine whether the applicable Climate Bond Standard requirements have been met. A forward action request (FAR) during verification is raised to highlight issues related to Bond implementation that require review during a subsequent verification.				

3 VERIFICATION FINDINGS

This section summarises the findings from the verification of the Bond.

Pre-Issuance Verification

Based on the limited assurance procedures conducted, nothing has come to our attention that causes us to believe that the BCPG Green Bond is not, in all material respects, in accordance with the Pre-Issuance requirements of the Climate Bond Standard Version 3 and selected Technical Criteria.

4 VERIFICATION STATEMENT

DNV has performed the Pre-Issuance Verification of the BCPG Green Bond. It is DNV's responsibility to provide an independent verification statement on the compliance of the BCPG Green Bond with the Climate Bond Standard.

DNV conducted the verification in accordance with the Climate Bond Standard Version 3 and with International Standard on Assurance Engagements *3000 Assurance Engagements other than Audits or Reviews of Historical Information*. The verification included i) checking whether the provisions of the Climate Bond Standard were consistently and appropriately applied and ii) the collection of evidence supporting the verification.

DNV's verification approach draws on an understanding of the risks associated with conforming to the Climate Bond Standard and the controls in place to mitigate these. DNV planned and performed the verification by obtaining evidence and other information and explanations that DNV considers necessary to give limited assurance that the BCPG Green Bond meets the requirements of the Climate Bond Standard.

Based on the limited assurance procedures conducted, nothing has come to our attention that causes us to believe that the BCPG Green Bond is not, in all material respects, in accordance with the Pre-Issuance requirements of the Climate Bond Standard Version 3 and Associated Geothermal Power Technical Criteria.

David McCann Climate Bond Standard Lead Verifier DNV 6 August 2021

Mark Robinson *Climate Bond Standard Reviewer* DNV 6 August 2021

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5 VERIFICATION TEAM

Role	Last Name	First Name	Country	Туре	of invo	plveme	nt	
				Engagement Planning	Desk review	Interviews	Reporting	Peer Review
Team Leader (Lead Verifier)	Robinson	Mark	Australia	~		~		~
Reviewer	McCann	David	Australia		✓	✓	✓	
Reviewer	Leonard	Thomas	Thailand		✓	✓	✓	

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APPENDIX A

CORRECTIVE ACTION REQUESTS, CLARIFICATION REQUESTS AND FORWARD ACTION REQUESTS

Corrective action requests

CAR ID	Corrective action request	Response by Bond Issuer	DNV's assessment of response by Bond Issuer
CAR 1	None raised		

Clarification requests

CAR ID	Corrective action request	Response by Bond Issuer	DNV's assessment of response by Bond Issuer
CL 1	None raised		

Forward action requests from this verification

FAR ID	Forward action request	Response by Bond Issuer	DNV's assessment of response by Bond Issuer
FAR 1	None Raised		
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APPENDIX B

REQUIREMENTS CHECKLIST

Table 1 Pre-Issuance Requirements checklist (Part A)

Checklist Question	Ref	MoV	Assessment Checks	Draft Concl.	Final Concl.
. Selection of Nominated Projects & Assets					
Project Nomination					
				with eligible projects or physical assets and that this association can be verifie Climate Bonds. The eligible project(s) or physical assets are referred to as `No	
ssets specified as backing or linked to the Bond nderlying collateral must comply with Part B (see				rt B of the standard (sections 13-15 below). Where the asset specified is a Bond or oth	er financial instrument, then the
.1 The Issuer shall establish, document, an	d maintair	n a decision·	-making process which it	uses to determine the eligibility of the Nominated Projects & Assets.	
.1.1 How has the decision-making process	/1/ /2/	DR I		The proposed Bond is to refinance:	ОК
stablished the statement on the nvironmental objectives of the Bond?	/3/	1		Renewable Energy Generation, Geothermal projects in Indonesia.	
environmental objectives of the bond?	/4/ /5/			DNV notes that the BCPG Green Finance Framework has been prepared and structured to facilitate the inclusion of:	
				Renewable energy (Geothermal)	
				The Issuer has described the decision-making process for selection of nominated projects and assets in section 2. "Process for Project Evaluation and Selection" of the BCPG Green Financing Framework.	
				The proposed Bond is for existing projects.	
				The Issuer, BCPG may issue other bonds, however the current bond is specifically focused on Green Projects with environmental objectives.	
.1.2 What is the process to determine hether the Nominated Projects & Assets meet he eligibility requirements specified in Part B	/1/ /2/ /3/ /4/	DR I CC		For the proposed Bond, the Issuer has provided the information required by the CBI Technical Criteria to demonstrate the eligibility of the nominated projects and assets.	ОК
f the Climate Bond Standard?	/ - /			DNV has verified the eligibility of the project in Part B of this report.	
2 The Issuer shall assess that all proposed of the Climate Bond Standard	l Nominate	ed Projects a	& Assets to be associated	I with the Bond meet the Bond's documented objectives as stated under Claus	e 1.1 and are compliant under Pa
2.1 How does the Issuer ensure that projects vithin the climate bond (Bond) are compliant vith Part B of the Climate Bond Standard?	/1/ /2/ /3/ /4/	DR I		For the proposed Bond, the Issuer has made available the documentation associated with the nominated projects and assets to address the CBI Technical Criteria to demonstrate the eligibility of the nominated projects and assets.	ок
	, .,			DNV has verified the eligibility of the project in Part B of this report.	
3 The Issuer shall document Nominated Pr).	rojects & A	ssets which	are proposed to be asso	ociated with the Bond and which have been assessed as being Eligible Projects	& Assets in accordance with Cla
.3.1 How have projects and assets associated ith the Bond been documented to comply ith Clause 9?	/1/ /2/ /3/ /4/	DR I		The Issuer has made available to DNV the documentation detailing the funding for the nominated assets. The underlying projects and assets have been assessed as being eligible in accordance with Clause 9 of the CBS relating to the CBI Technical Criteria.	ОК
				DNV has assessed the eligibility of the nominated projects as per Section B.	

Checklist Question	Ref	MoV	Assessment Checks	Draft Concl.							
1.4.1 Have nominated projects or assets to be associated with the Bond been included in other bonds (or Bonds)?	/1/ /2/ /3/ /4/ /5/ /6/	DR I	 Nominated projects or assets are not associated with other bonds (or Bonds). Nominated projects 	SEG-Wayang Windu & SEG-Salak-Darajat had issued Green Bonds associated the Wayang Windu, Salak and Darajat projects in 2018 and 2020 respectively BCPG has confirmed that the Use of Proceeds from the Wayang-Windu, Salak Darajat Green Bonds are for the refinance of project finance portions, while the proposed Green Bond of BCPG is for the equity investment of the project. DN confirms this is different portions of finance.							
	/7/ /10/ /11/ /12/		or assets are associated with other bonds (or Bonds) but the portions associated by each are	Project	Total MW (MW)	BCPG Equity MW (MW)	Effective Holding (%)	Equity Investment by BCPG (MUSD)	Green Bond Issuance By BCPG (MUSD)		
			funded separately.	Wayang- Windu	227	45.4	20.0%	(1000)	(11000)		
				Salak	377	65.2	17.3%				
				Darajat	271	46.9	17.3%				
				Total	875	157.5	18.0%				
				Total (MUSD) Total (MTHB)				355.3 12,126	312.5 10,000		
				DNV notes that fu and tracked as pa					iquely identifie		
1.5 The issuance amount of the Bond shall b	e no great	ter than the	e Issuer's exposure to the	e proposed Nomina	ated Proje	cts & Asse	ts, or the F	air Market V	alue of the p		
1.5.1 Is the Issuers exposure to the proposed nominated projects and assets, or the fair market value of those, equal to or greater than the Bond issuance amount?	/1/ /2/ /3/	DR I			The Issuer, BCPG's exposure to the nominated projects and assets has verified by DNV through analysis of provided documentation.						
	/4/ /5/ /6/			contained within	verified the amounts listed in Appendix 1 of this Report with the details ained within the BCPG documentation.						
	/7/ /10/ /11/					As per confidentia is proposed to all associated with th	ow for THB	9,700 MB f			
	/11/ /12/			An approximate a expenses.	amount of T	HB 150 MB	is also inter	nded for relate	ed refinancing		
				DNV through the the individual pro up to THB 10,000	ject, verifie	d the nomi	nated projec	ts and assets			
2 Internal Processes and controls		<u> </u>									
2.1 The systems, policies and processes to b	e used for	managem	ent of Bond funds and inv	estments made sl	hall be doo	umented	by the Issu	er and disclo	osed to the V		
2.1.1 How have the net proceeds of the Bond been credited to a sub-account, moved to a sub-portfolio, or otherwise tracked by the	/1/ /7/	DR I		As per the BCPG proceeds of the B and will be held t	ond have b	een earmai	ked to the r	nominated pro	jects and asse		
Issuer by a formal internal process?				Proceeds from ea	ch BCPG Gr	reen Bond a	re proposed	l to be tracked	and reported		
				The proceeds of t manner, so as to internal financial	he green Bo maintain tr	ond shall be ansparency	e tracked by v. Tracking w	the Issuer in vas confirmed	an appropriate		
2.1.2 Have unallocated proceeds been held in temporary investments other than cash holdings?	/1/ /7/	DR I	⊠ Yes □ No	As per section Ma BCPG has commit invested in short	tted to hold and liquid r	Green Bon narketable	d proceeds securities w	raised in inter hich are consi	nal cash accou stent with the		
			Not Applicable	delivery of a low	and and	alimate rea	liont coone	my on in a ray	المثلم مسم المامين والمرا		

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propos	ed Nominated Projects & Assets.
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Checklist Question	Ref	MoV	Assessment Checks	Draft Concl.	Final Concl.
				facility for allocation to existing equity and debt obligations associated with nominated projects and assets. Proceeds will be fully allocated by BCPG within 24 months of issuance to refinance and finance the nominated projects and assets. Green Bond Proceeds will not be invested in fossil fuel related projects.	
2.1.3 Has the Issuer established an earmarking process to manage and account for funding to the Nominated Projects & Assets?	/1/ /2/ /4/	DR I	⊠ Yes □ No □ Not Applicable	As per the BCPG Green Finance Framework Section Management of Proceeds, the Issuer has established an earmarking process whereby proceeds from the BCPG Green Bond can be held against the outstanding eligible financing under the category. As the proceeds are to be fully allocated to the nominated projects and assets the basic earmarking process is deemed to require only simple tracking with BCPG internal finance reporting.	ОК
3 Reporting prior to issuance					
3.1. The Issuer shall disclose the following i	n the Bon	d Disclosure	Documentation.		
3.1.1 Will the Issuer disclose the Pre-issuance assurance engagement?	/10/ /11/	DR I	⊠ Yes □ No	The Issuer will disclose the completion of this limited assurance engagement in addition to Climate Bond Pre-issuance Certification within the Bond disclosure documentation including the Credit Agreement and BCPG Green Finance Framework.	ОК
3.1.2 Will the Issuer have periodic Assurance Engagements carried out over the life of the Bond and if so, what is the expected frequency of periodic Assurance Engagements?	/10/ /11/	DR I	□ Yes ⊠No	As per correspondence with BCPG team, periodic Assurance Engagements will be optional.	ОК
3.1.3 Will the Issuer disclose the broad project categories, as listed in Clause 9.1, into which the Nominated Projects & Assets fall?	/1/	DR I	⊠ Yes □ No	The Issuer will disclose the broad project and asset categories as listed in Clause 9.1 as • Renewable Energy Generation – Geothermal	ОК
3.1.4 Will the Issuer disclose the intended types of temporary investment instruments for the management of unallocated proceeds in accordance with Clause 2.1.2?	/1/	DR I	⊠ Yes □ No	 As per section Management of Proceeds of the BCPG Green Finance Framework, BCPG has committed to hold Green Bond proceeds raised according to the following statement: "Any unallocated net proceeds from Green Financing Instruments will be: held in cash or cash equivalents; or invested in short and liquid marketable securities which are consistent with the delivery of a low carbon and climate resilient economy; or applied to temporarily reduce indebtedness of a revolving nature, where the original loan of which is consistent with the delivery of a low carbon and climate resilient economy, before being redrawn for investments or disbursements to Eligible Green Projects." 	ОК

Table 2Post Issuance Requirements checklist (Part B and C)

Checklist Question	Ref	MoV	Assessment Checks	Draft Concl.
Part A: General Requirements	1			
double-count eligible projects or physical as	at at any p ssets that I must comp	have been a bly with eligibl	ssociated with previous (le assets specified under Par	with eligible projects or physical assets and that this association can be v Climate Bonds (or Bonds). The eligible project(s) or physical assets are re rt B of the standard (sections 13-15 below). Where the asset specified is a Bond
4.1 The Issuer shall maintain a decision-ma	king proce	ess which it	uses to determine the co	ntinuing eligibility of the Nominated Projects & Assets.
4.1.1 How has the decision-making process established the statement on the environmental objectives of the Bond?	/1/	DR I		 The proposed Bond is to refinance: Renewable Energy Generation, Geothermal projects in Indonesia. The Issuer has described the decision-making process for selection of nominate projects and assets in section 2 of the BCPG Green Financing Framework. The proposed Bond is for an existing project.
4.1.2 What is the process to determine whether the Nominated Projects & Assets meet the eligibility requirements specified in Part B of the Climate Bond Standard?	/1/	DR I		For the proposed Bond, the Issuer has provided the input parameters required the CBI Technical Criteria to demonstrate the eligibility of the nominated project and assets. DNV has verified the eligibility of the project in Part B of this report.
4.2 The Issuer shall assess that all proposed B of the Climate Bond Standard	d Nominate	ed Projects a	& Assets to be associated	I with the Bond meet the Bond's documented objectives as stated under
4.2.1 How does the Issuer ensure that projects within the Bond are compliant with Part B of the Climate Bond Standard?	/1/	DR I		For the proposed Bond, the Issuer has provided the input parameters required the CBI Technical Criteria to demonstrate the eligibility of the nominated project and assets. DNV has verified the eligibility of the project in Part B of this report.
4.3 Nominated Projects & Assets shall not b portions of the Nominated Projects & Assets				certified under the Climate Bond Certification Scheme unless it is demon
4.3.1 Have nominated projects or assets to be associated with the Bond been included in other Bonds?	/1/ /2/ /4/ /10/ /11/ /12/	DR	 Nominated projects or assets are not associated with other Bonds. Nominated projects or assets are associated with other Bonds but the portions associated by each are funded separately. 	SEG-Wayang Windu & SEG-Salak-Darajat had issued Green Bonds associated v the Wayang Windu, Salak and Darajat projects in 2018 and 2020 respectively. has confirmed that the Use of Proceeds from the Wayang-Windu, Salak-Darajat Green Bonds are for the refinance of project finance portions, while the propose Green Bond of BCPG is for the equity investment of the project. DNV confirms t different portions of finance.
5 Use of Proceeds An Issuer of a Climate Bond must use the fu	inds raised	to finance (eligible project(s).	
5.1 Are proceeds allocated to Nominated Pro	oject(s).			
5.1.1 Have the proceeds of the Bond been allocated to the Nominated Projects & Assets?		DR I	🛛 Yes	To be confirmed Post Issuance.
MoV = Means of Verification, DR= Document Review, I=	Interview, CC	C= Cross-Check	sing	· · · · · · · · · · · · · · · · · · ·

Climate Bond Verification Protocol

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referred	I. An Issuer is not permitted to I to as 'Nominated Project(s). r financial instrument, then the
ated	To be confirmed Post Issuance.
ed by jects	To be confirmed Post Issuance.
er Clause	1.1 and are compliant under Part
ed by jects	To be confirmed Post Issuance.
onstrated	by the Issuer that distinct
d with y. BCPG jat osed s this is	ОК
	To be confirmed Post Issuance.

Checklist Question	Ref	MoV	Assessment Checks	Draft Concl.
			🗌 No	
5.2 The Issuer shall allocate or re-allocate f	unds to No	ominated P	rojects & Assets within 24	months of issuance of the Bond.
5.2.1 Have the Bond proceeds been allocated to the nominated projects and assets associated with the Bond? If not, has an established procedure been established to facilitate the allocation of funds within 24 months?	/1/ /2/ /4/ /12/	DR	 Yes No There is clear documentary evidence to confirm that the procedure has been followed. There is a procedure in place to achieve this but its informality risks it not being properly followed. Summarise the procedure No 	To be confirmed Post Issuance.
5.2.2 Have issuance costs been clearly identified and excluded from the Bond funds? (Debt issue costs should include fees and costs specifically associated with the issuance of debt which could include: underwriter, legal, audit firm, financial advisor, issuing authority, rating agency, trustee, and other miscellaneous fees. Debt issue costs do not include remarketing fees associated with variable rate debt.)	/1/ /2/ /4/ /12/	DR I	 ☐ Issuance costs have been clearly calculated and excluded ☑ The basis of calculating issuance costs is in accordance with recognised practice ☐ The basis of calculating issuance costs is the same as previously applied by the Issuer ☑ No 	DNV has confirmed that issuance costs have been picked up in BCPG General Funding costs and not from the Bond proceeds as listed.
5.2.3 Have instances been identified where the value of the climate bond (Bond) exceeded the value of funds invested in nominated projects?	/1/ /2/ /4/ /12/	DR I		DNV through the review of current eligible project portfolio summary and review the individual project, verified the nominated projects and assets with exposure up to THB 9,700 MB, greater than the facility value.
5.2.4 Does the value of Bonds (excluding issuance costs) exceed the value of funds invested in nominated projects?		DR I	Yes No	DNV through the review of current eligible project portfolio summary and review the individual project, verified the nominated projects and assets with exposure of up to THB 9,700 MB, greater than the facility value.
5.2.5 Is all funding within the Bond current?		DR I	Yes No Procedures exist to replace the asset within the Bond to ensure that funds do not exceed the value of invested assets	To be confirmed Post Issuance.

	Final Concl.
	To be confirmed Post Issuance.
1	To be confirmed Post Issuance.
view of ure of	To be confirmed Post Issuance.
view of ure of	To be confirmed Post Issuance.
	To be confirmed Post Issuance.

Checklist Question	Ref	MoV	Assessment Checks	Draft Concl.
5.2.6 Do existing Bond maturity dates (available from the individual Bond documentation) agree to those shown on the Bond Pool listing?		DR I	⊠ Yes □ No	To be confirmed Post Issuance.
5.2.7 Do drawdown notices confirm the current funding levels?		DR I	 Yes No Procedures exist to replace the asset within the Bond to ensure that funds do not exceed the value of invested assets 	To be confirmed Post Issuance.
5.3. Where a proportion of the proceeds of t Nominated Projects & Assets may be refi		re used for	refinancing, the Issuer sl	nall provide an estimate of the share of the proceeds used for financing a
5.3.1 Have a proportion of proceeds been used for refinancing?If so, has the Issuer provide an estimate of the share of the proceeds used for financing and re-financing, and identify which Nominated Projects & Assets may be refinanced?		DR I	 ☑ Yes □ No ☑ Yes □ No 	DNV has identified this as being potentially up to 100% of gross exposure.
5.4. The original issuance amount of the Bou issuance.	nd shall be	e no greater	than the investment in t	he Nominated Projects & Assets or the Fair Market Value of the Nominate
5.4.1 Is the original issuance amount less than or equal to the investment in the Nominated Projects & Assets or the Fair Market Value of the Nominated Projects & Assets at the time of issuance?		DR I	⊠ Yes □ No	DNV through the review of current eligible project portfolio summary and review the individual project, verified the nominated projects and assets with exposure up to THB 9,700 MB, greater than the facility value.
6 Non-Contamination			•	1
6.1 The Net Proceeds of the Bond shall be cr that is linked to the Issuer's lending and inv	redited to restment o	a sub-accou operations fo	nt, moved to a sub-portform or Nominated Projects & A	olio or otherwise identified by the Issuer in an appropriate manner, and a Assets.
6.1.1 What procedures are in place to demonstrate that the proceeds of a climate Bond have been allocated to the nominated projects attested to by a formal internal process that is linked to the Issuer's lending and investment operations for Nominated Projects & Assets?		DR I		The proceeds have been earmarked for full allocation to the nominated projects assets. This is to be tracked by BCPG internal financial systems and reported to sole investor accordingly.
				periodically reduced by amounts matching eligible investments or disbu of unallocated proceeds shall be held in temporary investment instrumen
6.2.1 Cash, or cash equivalent instruments, within a Treasury function?		DR I	⊠ Yes □ No	 DNV Verified as per the BCPG Green Finance Framework that where complete allocation of funds to nominated projects and assets is not possible that funds pooled will be held: held in cash or cash equivalents; or

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	To be confirmed Post Issuance.
	To be confirmed Post Issuance.
g and re-	financing and identify which
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ated Proj	ects & Assets at the time of
view of sure of	To be confirmed Post Issuance.
nd atteste	d to by a formal internal process
ects and d to the	To be confirmed Post Issuance.
burseme	nts made during that period. are:
te ds	To be confirmed Post Issuance.

Checklist Question	Ref	MoV	Assessment Checks	Draft Concl.
				 invested in short and liquid marketable securities which are consistent the delivery of a low carbon and climate resilient economy; or
				 applied to temporarily reduce indebtedness of a revolving nature, when original loan of which is consistent with the delivery of a low carbon an climate resilient economy, before being redrawn for investments or disbursements to Eligible Green Projects
6.2.2. Not temporary investments that include greenhouse gas intensive projects which are inconsistent with the delivery of a Low-Carbon Economy?		DR I	□ Yes ⊠ No	NA
6.2.3 Conform to the types of temporary investment instruments set out in the Bond's Disclosure Documentation under Clause 2.1.2?		DR I	⊠ Yes □ No	NA
6.3 In the case of a Force Majeure, the Issubalance of unallocated proceeds shall be de				pard for an extension to the asset allocation period to a maximum of two
6.3.1 Has a process been defined with which replacement projects will be identified in the event that 'force majeure' causes the loss of a project from the Bond?		DR I	 Yes, a process has already been defined A process has not yet been formally defined but the issue is recognised and not yet considered relevant No 	A process has not yet been formally defined but the issue is recognised and not considered relevant.
6.3.2 Has there been a 'force majeure' loss of a project?		DR I	□ Yes ⊠ No	DNV did not identify any evidence or information to suggest that a force majeur event had occurred. No such event was reported by the Issuer.
6.3.3 If here has been a 'force majeure' loss of a project is there regular monitoring to ensure it is replaced within the (current) two-year period.		DR I	□ Yes □ No	To be confirmed Post Issuance.
6.3.4 Have any 'force majeure' project losses been replaced within the two-year period?		DR I	□ Yes ⊠ No	To be confirmed Post Issuance.
7 Confidentiality				
7.1 Information about the Nominated Project	cts & Asse	ets shall be p	provided to the Verifier ar	nd to the Climate Bonds Standards Board.
7.1.1 Has sufficient information about the nominated projects and assets been provided to the verifier and Climate Bond Standards Board?		DR I	⊠ Yes □ No	DNV was provided with sufficiently detailed information on the Bonds, documentation, internal procedures and structure associated with the BCPG Clin Bond (Bond) to perform the assurance engagement in line with the Climate Bor Standard and ISEA 3000.
7.2 The Issuer should disclose information a	about the	Bond and th	e Nominated Projects & A	Assets to the market.
7.2.1 How has the Issuer disclosed or planned to disclose information about the Bond and nominated projects or assets to the market?		DR I		The Issuer has defined a set of reporting procedures within the BCPG Green Fin Framework including the publication and disclosure of information on the Bond stakeholders.

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here the and	
	To be confirmed Post Issuance.
	To be confirmed Post Issuance.
vo years.	During the extension period the
not yet	To be confirmed Post Issuance.
jeure	To be confirmed Post Issuance.
	To be confirmed Post Issuance.
	To be confirmed Post Issuance.
Climate Bond	To be confirmed Post Issuance.
Finance nd to	To be confirmed Post Issuance.

Checklist Question	Ref	MoV	Assessment Checks	Draft Concl.
8 Reporting				
				retariat at least annually a report containing the list of Nominated Projects & he projects and the amounts disbursed, as well as the expected environment
8.1.1 Has the Issuer reported or put in place procedures to enable the annual reporting of the projects and the amounts disbursed, as well as the expected environmental objectives of the Nominated Projects & Assets?	/1/ /2/	DR I	⊠ Yes □ No	As per the BCPG Green Finance Framework: "BCPG will publish a report on BCPG's website <u>https://www.bcpggroup.com/en/investor-relations/ir-home</u> , at least annually until the full allocation of proceeds starting 1 (one) year from the date of Green Bond issuance or Green Loans financing, detailing the progress of the Green Financing Instruments. The report will include an allocation report as well as impact report."
8.1.2 Has the Issuer used qualitative performance indicators and, where feasible, quantitative performance measures of the environmental objectives of the Nominated Projects & Assets or put in place procedures to facilitate this?	/1/ /2/	DR I	⊠ Yes □ No	 As per the BCPG Green Finance Framework: BCPG confirms that Green Bond Reporting will be conducted to investors on an annual basis and will include: Financial data associated with allocation of Green Bond Proceeds to the nominated Projects and Assets, and; Impact Reporting details including: Annual GHG emissions reduced/avoided (in tonnes of CO2 equivalent) Annual renewable energy generation (in MWh) Capacity of renewable energy plant(s) constructed or rehabilitated (in MW)
8.1.3 Has the Issuer disclosed the methods and the key underlying assumptions used in preparation of the performance indicators and metrics or put in place procedures to facilitate this?	/1/ /2/	DR I	⊠ Yes □ No	The Issuer has both disclosed the methods and the key underlying assumptions used in preparation of the performance indicators and metrics and put in place procedures to facilitate this within the BCPG Green Finance Framework.
8.1.4 Where confidentiality agreements or competition issues limit the amount of detail that can be made available about specific Nominated Projects & Assets, will information be presented in at least the broad project categories, as listed in Clause 9.1 of the Climate Bond Standard, which the Nominated Projects & Assets fall into?	/1/ /2/	DR I	⊠ Yes □ No	Information on the nominated projects and assets has already been provided by BCPG identifying project types and specific project details where confidentiality allows. DNV has verified that in each case this is at least to the category level as defined within the Climate Bond Standard.

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Part B: Low Carbon Contribution

9 Eligible projects and physical assets

- Projects and physical assets will be eligible for Certification if they directly contribute to:
 developing "low carbon" industries, technologies and practices that achieve resource efficiency consistent with avoiding dangerous climate change.
 - essential adaptation to the consequences of climate change.

For a Bond to be certified as a Climate Bond, the funds raised under it must be used to finance or re-finance eligible projects or assets.

Nominated Projects & Assets, as identified by the Issuer under Clauses 1.3 and 4.2, shall fall into one or more of the approved categories.

Checklist Question	Ref	MoV	Assessment Checks	Draft Concl.	
9.1 Does the nominated project fall within the assigned category?	/1/ /2/ /3/ /4/ /5/ /6/ /7/ /8/ /9/ /10/ /11/ /12/	DR I		The proposed Bond is to refinance: Renewable Energy Generation, Geot DNV notes that the BCPG Green Finance France facilitate the inclusion of: Renewable energy (Geothermal) The Issuer has described the decision-makin projects and assets in section 2 of the BCPG The proposed Bond is for an existing project.	mework has been prepared and str g process for selection of nominate Green Financing Framework.
Does supporting documentation confirm that	at the Bond	relates to	an eligible project?		
 10.1 GEOTHERMAL CRITERIA Nominated Projects & Assets shall meet the specific eligibility requirements provided in the relevant Sector Eligibility Criteria documents. If there are different versions of the relevant Sector Eligibility Criteria documents, then the version which was current at issuance of the Bond may be used for demonstration of the eligibility of Nominated Projects & Assets for the duration of the Bond. 10.1.1 Criterion 1: Emissions threshold Exclude the project if: direct operational carbon intensity > nationally-specific threshold (gCO₂/kWh) of the geothermal facility or 100 gCO₂/kWh, whichever is higher. 	/1/ /2/ /3/ /4/ /5/ /6/ /7/ /8/ /9/ /10/ /11/ /12/	DR I	 Technical due diligence report confirms Bond is for an eligible project Technical specifications confirm Bond is for an eligible project There is evidence that the projects have been visited either as part of the due diligence process or subsequently Not applicable 	Geothermal Criteria The nominated Geothermal projects and asso in 2018 as follows: Project Name Salak Darajat Wayang Windu DNV confirms that the project was calculated 100 gCO ₂ /kWh. This in in conformance with	(CO ₂ e g/kWh) 92.93 28.97 79.18 d to have an emissions intensity of
10.1.2 Criterion 2: Emissions mitigation Criterion 2 (only applies to cases which have not passed criterion 1) include the project (subject to further criteria) if mitigation technologies will be deployed at the facility such that releases of NCGS to the atmosphere are rendered negligible.	/1/ /2/ /3/ /4/ /5/ /6/ /7/ /8/ /9/ /10/ /11/ /12/	DR I	 Technical due diligence report confirms Bond is for an eligible project Technical specifications confirm Bond is for an eligible project There is evidence that the projects have been visited either as part of 	NA	

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 10.1.3 Criterion 3: Environmental, health, safety and social criteria Projects are required to comply with best practice international guidelines / standards on environmental, health and safety (EHS) for geothermal power generation (e.g. IFC/world bank). As these detailed EHS guidelines contain guidance on air emissions, note that compliance with them is a necessary but not sufficient requirement for certification, as the emissions performance required for climate bonds certification is more stringent. In addition, the IFC have advised us that the applicability of EHS guidelines should be tailored to the hazards and risks established for each project on the basis of the results of an environmental assessment in which sitespecific variables are taken into account. Meeting IFC performance standards on environmental and social sustainability are strongly recommended (e.g. IFC PS5 land acquisition and involuntary resettlement, or IFC PS6 biodiversity conservation and sustainable management of living natural resources). 	/1/ /2/ /3/ /4/ /5/ /6/ /7/ /8/ /9/ /10/ /11/ /12/	DR I	the due diligence process or subsequently Not applicable Technical due diligence report confirms Bond is for an eligible project Technical specifications confirm Bond is for an eligible project There is evidence that the projects have been visited either as part of the due diligence process or subsequently Not applicable	 DNV has reviewed the IFC Environmental, Health, and Safety Guidelines for Geothermal Power Generation against statutes and regulations relevant to Geothermal plants from: The Ministry of Environment and Forestry, Republic of Indonesia; West Java Environmental Protection Agency; Ministry of Energy and Mineral Resources, Republic of Indonesia; These include the following: Government Regulation of the Republic of Indonesia No. 21 of 2014 on Geothermal. Government Regulation of the Republic of Indonesia No. 50 of 2012 concerning the Implementation of Occupational Safety and Health Management Systems. Star Energy Geothermal (SEG) currently has ISO14001:2015 environmental management system and ISO 45001:2018 occupational health & safety management system certification. The ISO certifications are international standard, complying with IFC EHS guidelines. SEG is also consistently awarded Green & Gold PROPER award for exceptional environmental and social programs from the Indonesian Ministry of Environment and Forestry. DNV's assessment confirmed that the regulatory framework for the nominated Geothermal projects and assets meets and, in some cases, goes further than the IFC Environmental, Health, and Safety Guidelines for Geothermal Power. DNV can confirm that the nominated projects satisfy Criteria 3. 	
10.1.4 Criterion 4: Enhanced Geothermal SystemsAny enhanced geothermal systems project must comply with US department of energy protocol for addressing induced seismicity associated with enhanced geothermal systems.	/1/ /2/ /3/ /4/ /5/ /6/ /7/ /8/ /9/ /10/ /11/ /12/	DR I	 Technical due diligence report confirms Bond is for an eligible project Technical specifications confirm Bond is for an eligible project There is evidence that the projects have been visited either as part of the due diligence process or subsequently Not applicable 	The BCPG project was confirmed by DNV not to be utilising Enhanced Geothermal Techniques.	OK
Does supporting documentation confirm tha	t the Bond	relates to a	n eligible project?		
10.2 Does supporting documentation for funding confirm that the investment relates to an eligible project (including the relevant Technical Criteria as required by the CBI?	/1/ /2/ /3/ /4/ /5/ /6/ /7/ /8/ /9/ /10/ /11/ /12/	DR I	 Technical due diligence report confirms Bond is for an eligible project Technical specifications confirm Bond is for an eligible project There is evidence that the projects have been visited either as part of the due diligence process or subsequently 	DNV has verified through review of supporting documentation and publicly available information that the nominated project relates to an eligible project / asset as defined in the Climate Bond Standard Technical Criteria for Geothermal Energy. The list of nominated projects and assets will be included here prior to submission for Pre-Issuance Certification when DNV has been provided with the updated list of nominated projects and assets.	ОК

□ Not applicable	The analysis of projects included:			
	Project	Technology	Capacity (MW)	BCPG Exposure (Th
	Salak	Geothermal	377	
	Darajat	Geothermal	271	
	Wayang Windu	Geothermal	227	
	Total	1	875	9,700M
	Geothermal Energy: DNV reviewed the documentation associated with the proposed Geothermal pro			
		DNV confirmed that this nominated project falls within the Geothermal Criteria for Geothermal Electricity Generation Facilities.		
	DNV Confirms that	this in in conform	nance with the Geoth	ermal Technical Criteri

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Part C: Requirements for Specific Bond Types

This Part sets out Clauses specific to certain Bond-types.

Bond-type

Corporate bonds are defined as a general obligation debt security issued by a corporation or other legal entity, whose credit is not tied to any specific Nominated Project(s) or asset(s). In the case of certified Corporate Climate Bonds, the Bonds are verifiably linked to eligible physical assets or to a pool of Bonds to eligible physical assets. This is in order to verify the low carbon claims of the Corporate Climate Bond. For credit purposes, the Bond retains the corporate bond rating of the Issuer.

Portfolio bonds are defined as a debt security of a securitization vehicle that contains a pool of Bonds each of which qualifies as a Nominated Project or contains a pool of equity interests in Nominated Projects.

Project Development Bonds or Bonds are defined as a debt security issued by a project development company or by the parent of a project development company that is issued to finance specific Nominated Projects on a non-recourse or limited recourse basis

Nominated Projects on a non-recourse or limited recourse basis.						
What is the Bond type?	/1/	DR I	Use of Proceeds Bond Use of Proceeds Revenue Bond Project Bond Securitized	As per the BCPG Green Finance Framework, the Bond is a Use of Proceeds Bond with an earmarked asset.	ОК	
11 Project Holding						
11.1 How has/will the Issuer of the Bond continue to hold Nominated Projects & Assets which have Fair Market Value at least equal to the original principal amount of the Bond at the time of issuance?	/1/	DR I		The proposed Bond will refinance a Geothermal project already under operation that have a defined quantum of exposure to BCPG. Full allocation of the Bond proceeds to the nominated projects and assets.	ОК	
12 Settlement Period	I	L	• •	1	A	
12.1 Has the Issuer demonstrated the distribution of the Proceeds to the nominated projects and assets at Post Issuance Verification?	/1/			Proceeds are proposed to be fully and immediately allocated to the defined financial exposures for the nominated projects and assets.	To be confirmed Post Issuance.	
12.1.1 If not, how has the Issuer arranged to allow the distribution of the Proceeds to nominated projects and assets within 24 months?	/1/			Where the Issuer is not able to fully allocate the proceeds, BCPG has in place a procedure for the allocation of proceeds within 24 months as per the BCPG Green Finance Framework.	ОК	
12.1.2 Is the Issuer proposing to hold any remaining Proceeds for more than 24 months before distributing to nominated projects and assets?	/1/			Proceeds are to be fully allocated to the nominated projects and assets within 24 months of issuance. Proposed disbursement is planned to occur immediately after the proceeds have been raised.	ОК	
13 Earmarking						
13.1 How has the Issuer proposed to maintain the earmarking process to manage and account for funding to the Nominated Projects & Assets as disclosed under Clauses 2.1 and 2.1.3?	/1/			BCPG will establish a Green Financing Register to record on an ongoing basis the allocation of net proceeds from our Green Financing Framework to Eligible Green Projects. The Green Financing Register will contain relevant information to identify each Green Bond or Green Loans and the Green Assets relating to it, including the country, category, and nature of the Green Assets. The Green Financing Instruments Register will be monitored by BCPG's Finance team and will be updated on a semi-annual basis.	ОК	

APPENDIX C

NOMINATED ASSETS

Eligible Projects & Assets Category	Sub category	Projects	Bond facility (mTHB)
Renewable Energy	Geothermal	Salak	
		Darajat	9,700
		Wayang Windu	
Total			9,700