2023 Green Bond Report



#GenneiaLeadershipMode

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About us

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03

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10

02 Executive summary

Leader in renewable energy

OG Green financing timeline

05 Allocated proceeds

OG Eligible green projects

Bond allocation by project

OO Green financing governance

Assurance report of the Independent Auditor

Disclaimer

OT About us

Genneia is an Argentine independent power producer, accounting 19% of market share in terms of wind and solar installed capacity, as of December 31st, 2023. We prospect, develop, build and operate a diverse portfolio of renewable (wind and solar power) and conventional (thermal power) power plants. As of March 2024, we have an installed capacity of 1.367 MW (1.004 MW of renewable energy and 363 MW of conventional energy). We also have two renewable energy projects under construction: La Elbita wind farm (162 MW) and Los Molles solar farm (93 MW). Both projects will supply energy to private off-takers under the MATER framework. Additionally, we were awarded 40 MW in Solar PV Farm Projects under the RenMDI framework in July 2023.

02 Executive summary

Our 'Green Finance Framework' is based on the Green Bond Principles (GBP) by the International Capital Market Association (ICMA), which was reviewed by Sustainalytics, BV., an affiliate of the Morningstar Company, a leading independent consultancy in the environmental sector. In the local market, our framework was reviewed by Moody's Local AR.

In 2023, we issued five local green bonds for the total amount of US\$159 million. This transaction took place in three stages throughout the year:

In February 2023, we issued US\$73 million on Series XXXVIII at a rate of 4.50%. The proceeds were exclusively entitled for the construction of La Elbita I and/or Tocota III.
In July 2023, we issued US\$30 million on Series XXXIX at a rate of 2.00%, US\$11 million on Series XL at a rate of 5.50%, and US\$30 million on Series XLI at a rate of 0.00%.
Lastly, in November 2023, we issued US\$15 million on Series XLII at a rate of 0.00%.

In 2023, green bond proceeds were allocated to two solar PV farms and one

wind farm projects: Sierras de Ullum and Tocota III in the province of San Juan, and La Elbita in the province of Buenos Aires.

We allocated about US\$167 million to Sierras de Ullum, Tocota III and La Elbita projects. Due to the successful commissioning of both Sierras de Ullum (78 MW) and Tocota III projects (60 MW) in the past 12 months, Genneia achieved a significant milestone by surpassing the 1GW benchmark of renewable energy capacity in early 2024. This milestone holds great importance for both the country and Genneia, which is closely aligned with our commitment to supply 100% renewable energy to the Argentinean Interconnected System (SADI) by 2030.

Since 2021, all new Genneia's bonds have been issued in a green format, and we will continue to analyze organic growth opportunities in the renewable energy segment going forward. As of December 31st, 2023, outstanding green bonds account for 62% of Genneia's consolidated pro forma gross debt.

03 Leader in renewable energy

Our mission is to provide sustainable and reliable energy. Genneia is a pioneer in promoting renewable energy practices in Argentina and is committed to the highest environmental standards, while simultaneously thinks about the needs of future generations.

In 2012, we built our first wind farm of 75 MW in the Province of Chubut, the biggest wind farm in the first wave of renewable energy in Argentina. Between 2018 and 2019, we built the Madryn I & II wind farm of 222 MW, the current biggest wind farm in Argentina. We are committed to the Sustainable Development Goals of the United Nations Development Program ("SDGs"), which were adopted in 2015. Additionally, in 2023, we took another step further, we assumed a **commitment to supply 100% renewable energy to the Argentinean Interconnected System (SADI) by 2030.**

Our renewable energy operations represent

our largest impact and contribution to the SDGs, with a focus on SDG #7 on "Affordable and Clean Energy" and SDG #13 on "Climate Action".

Aligned with our long-term strategy, we had a major transformation towards a more sustainable energy profile between 2016-2021. In 2016, we took advantage of favorable trends in the renewable energy sector and initiated a renewable energy investment plan of over US\$ 1 billion which increased our renewable energy gross capacity by +700MW. Our decarbonization strategy also involved the decommissioning of 279 MW of thermal power capacity from the grid.

Since 2022, we embarked a new investment phase to supply green energy to big industrial users under the MATER framework. The following wind and solar farm projects are part of this initiative: Sierras de Ullum, La Elbita, Tocota and Los Molles. In 2023, renewable energy represented 91.8% of our total energy generation compared to 25.6% in 2016.

Impact Indicators

With our allocated green bond proceeds, we support the SDGs, with a focus on #7 on "Affordable and Clean Energy" and #13 "Climate Action":



965.000 supplied homes

can be powered annually by the seventeen projects in operation and under construction after the allocation of the green bonds' proceeds.



2.0 million tones CO2

Estimated avoided emissions from allocated green bond proceeds annually.

Green financing timeline



November 2023

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U\$S 15 M Green Bond

July 2023

U\$S 71 M Green Bond

U\$S 73 M Green Bond

February 2023

November 2022 U\$S 51 M Green Bonde

SPO by Moody's Local AR

December 2021

U\$S 67 M Green Bond

September 2021

U\$S 366 M Green Bond

August 2021

February 2021 U\$S 65 M Green Bond

Green Bond Framework SPO by Sustainalytics



05 Allocated proceeds

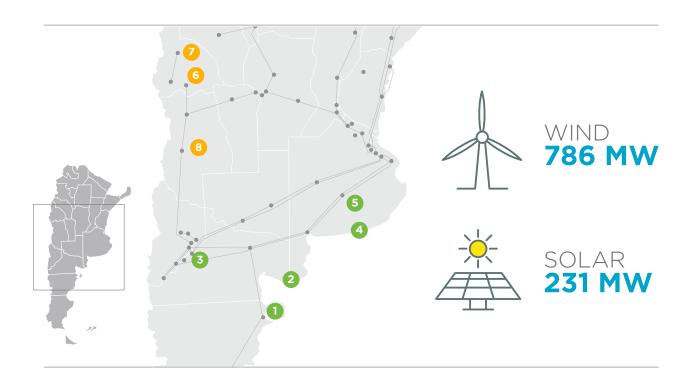
The table below provides details on Genneia's eleven green bonds issuance, including total allocated amounts.

Bond	Bond Type	Currency	Face Value	Coupon	lssue Date	Maturity	Net Proceeds		otal Allocated ceeds US\$ mi	
								2021	2022	2023
Series XXXI	Global Secured Green Bond	US\$	366	8,75%	2/9/2021	2/9/2027	366	366	0	0
Series XXXII	Local Green Bond	US\$-Linked	49	3,50%	10/8/2021	10/8/2023	49	49	0	0
Series XXXIV	Local Green Bond	US\$	16	6,00%	10/8/2021	10/8/2021	16	16	0	0
Series XXXV ^(*)	Local Green Bond	US\$-Linked	38	0,00%	23/12/2021	23/12/2024	40	17	22	0
Series XXXVI	Local Green Bond	US\$-Linked	50	5,65%	23/12/2021	23/12/2031	50	0	50	0
Series XXXVII	Local Green Bond	US\$-Linked	30	0,00%	11/11/2022	11/11/2026	30	0	30	0
Series XXXVIII	Local Green Bondl	US\$-Linked	73	4,50%	10/2/2023	10/2/2033	73	0	0	73
Series XXXIX	Local Green Bond	US\$-Linked	30	2,00%	14/7/2023	14/7/2028	30	0	0	30
Series XL	Local Green Bond	US\$	11	5,50%	14/7/2023	14/7/2025	11	0	0	11
Series XLI (**)	Local Green Bond	US\$-Linked	30	0,00%	14/7/2023	14/7/2026	34	0	0	34
Series XLII (***)	Local Green Bond	US\$-Linked	15	0,00%	16/11/2023	16/5/2027	19	0	0	19
Total			708				717	448	102	167

(*) In November 2022, the Series XXXV had a retap of US\$21 million, which was issued at a price of 107,75% of the face value, therefore, the company received net proceeds of US\$22 million. (**) In July 2023, the Series XLI was issued at a price of 113.21% of the face value, therefore, the company received net proceeds of US\$34 million. (***) In November 2023, the Series XLII was issued at a price of 122.31% of the face value, therefore, the company received net proceeds of US\$19 million.



06 Eligible green projects



Operating assets	Installed Capacity (MW)	Genneia's Ownership	Project Status	COD	Framework	PPA Term
Wind	786					
1 Madryn I	71	100%	In operations	Nov-18	Res. 202	20 years
 Madryn II Chubut Norte I 	151	100%	In operations	Sep-19	Res. 202	20 years
	29	100%	In operations	Dec-18	RenovAr	20 years
 Chubut Norte II Chubut Norte III 	26	100%	In operations	Mar-21	MATER	-
	58	51%	In operations	Feb-21	RenovAr	20 years
 Chubut Norte IV Villalonga I 	83	51%	In operations	Feb-21	RenovAr	20 years
	52	100%	In operations	Dec-18	RenovAr	20 years
2 Villalonga II	3	100%	In operations	Feb-19	MATER	-
3 Pomona I	101	100%	In operations	Jul-19	RenovAr	20 years
3 Pomona II4 Necochea	12	100%	In operations	Aug-19	MATER	-
	38	50%	In operations	Feb-20	RenovAr	20 years
5 La Elbita I, II & III Solar	162 231	100%	Under construction	4Q24E	MATER	-
 Sierras de Ullum Tocota III Los Molles 	78 60 93	100% 100% 100%	In operations In operations Under construction	Mar-23 Feb-24 1H25E	MATER MATER MATER	-

Madryn I Wind Farm Chubut





141

76,742 Supplied homes in 2023





306,966

MWh

51.7%

Commercial operation date: **Nov-2018** Construction period: **2016-2018** Current status: **In operation** Genneia ownership share: **100%** Total allocated proceeds: **20 US\$ M in 2021**

Green Bond Report 2023 GENNEIJ

Madryn II Wind Farm Chubut



50.2%



141

159,796 Supplied homes in 2023





Commercial operation date: **Sep-19** Construction period: **2017-2019** Current status: **In operation** Genneia ownership share: **100%** Total allocated proceeds: **159 US\$ M in 2021**



9

Green Bond Report 2023 GeNVela

Chubut Norte Wind Farm Chubut



<u>68,351</u> t

4







50.9%

Load Factor P50

Commercial operation date: Dec-2018 Construction period: 2016-2018 Current status: In operation Genneia ownership share: 100% Total allocated proceeds: 10 U\$S M in 2021

Chubut Norte II Wind Farm Chubut













Commercial operation date: Mar-21 Construction period: 2018-2021 Current status: In operation Genneia ownership share: 100% Total allocated proceeds: 35 U\$S M in 2021



Green Bond Report 2023 GeNNela

Chubut Norte III Wind Farm Chubut



114,119 t Less CO2 in the atmosphere in 2023







219,460

MWh

TurbineCapacityPrCommercial operation date:Feb-2021Construction period:2016-2018Current status:In operationGenneia ownership share:51%

Total allocated proceeds: 20 U\$S M in 2021



Chubut Norte IV Wind Farm Chubut



199,480 t Less CO2 in the atmosphere in 2023





83 MW Installed Capacity



Commercial operation date: **Feb-2021** Construction period: **2016-2018** Current status: **In operation** Genneia ownership share: **51%** Total allocated proceeds: **31 U\$S M in 2021**



Pomona I Wind Farm Río Negro



26

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204,234 t Less CO2 in the atmosphere in 2023





45.1%

Commercial operation date: Jul-2019 Construction period: 2017-2019 Current status: In operation Genneia ownership share: 100% Total allocated proceeds: 127 U\$S M in 2021

Pomona II Wind Farm Río Negro











44.9%

Commercial operation date: **Aug-2019** Construction period: **2017-2019** Current status: **In operation** Genneia ownership share: **100%** Total allocated proceeds: **16 U\$S M in 2021**

Villalonga I Wind Farm Buenos Aires



Commercial operation date: **Dec-2018** Construction period: **2016-2018** Current status: **In operation** Genneia ownership share: **100%** Total allocated proceeds: 1**4 U\$S M in 2021**



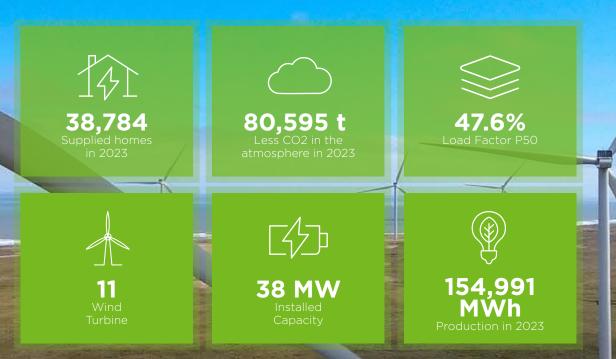
Villalonga II Wind Farm Buenos Aires



Commercial operation date: **Feb-2019** Construction period: **2017-2019** Current status: **In operation** Genneia ownership share: **100%** Total allocated proceeds: **1 U\$S M in 2021**

17

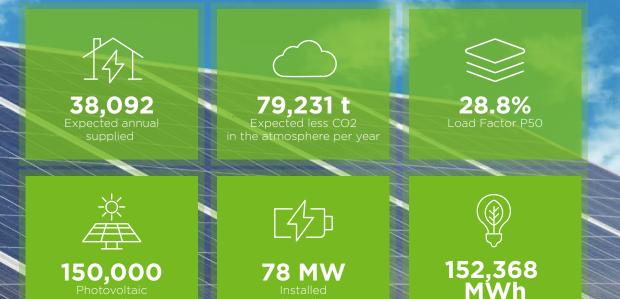
Necochea Wind Farm Buenos Aires



Commercial operation date: **Feb-2020** Construction period: **2017-2020** Current status: **In operation** Genneia ownership share: **50%** Total allocated proceeds: **15 U\$S M in 2021**

Sierras de Ullum Solar PV Farm

San Juan



Commercial operation date: Mar-23 Construction period: 2021-2023 Current status: In operations Genneia ownership share: 100% Total allocated proceeds: 58 U\$S M in 2022 2 U\$S M in 2023

Tocota III Solar PV Farm San Juan



43,362 Expected annual supplie





91,201 t

Expected less CO2 the atmosphere per year



34.8%







Commercial operation date: Feb-24 Construction period: 2023-2024 Current status: In operations Genneia ownership share: 100% Total allocated proceeds: 5 U\$S M in 2022 45 US\$ M in 2023



La Elbita I, II & III Wind Farm Buenos Aires



Expected commercial operation date: 4Q 2024 Expected construction period: 2023-2024 Current status: Under construction Genneia ownership share: 100% Total allocated proceeds: 39 U\$S mm in 2022 120 US\$ mm in 2023



Los Molles Solar PV Farm Mendoza



114,381 t Expected less CO2 in the atmosphere per year

27%



1114

93 MW



Expected commercial operation date: **1H 2025** Expected construction period: 2023-2024 Current status: Under construction Genneia ownership share: 100%

O7 **Bond allocation by project**

By February 2024, a total of US\$717 million green bond proceeds had been allocated to seventeen renewable projects in the period 2018-2023. In 2023, green bond proceeds of US\$167 million were allocated to two solar PV farms and one wind farm projects: Sierras de Ullum and Tocota III in the province of San Juan, and La Elbita in the province of Buenos Aires.

The net proceeds of the allocated green bonds will include both investments and expenses that were incurred for the construction and/or improvement of the Eligible Green Projects. These investments can be financed (or refinanced) if they occurred within the 36 months (or up to 36 months previous) of the bond issuance. For further details please review our Green Bond Framework.

Our local bonds are listed in BYMA's Social, Green and Sustainable (SVS) Bond Panel.

Bond		Shares	Net Proceeds	Total Allocated Proceeds US\$ mm			
	Eligible Projects		US\$ mm	2021	2022	2023	
Series XXXI - US\$366 m issued 9-2021			366	366	-	-	
	Madryn I	100%		20	-	-	
	Madryn II	100%		159	-	-	
	Chubut Norte I	100%		10	-	-	
	Chubut Norte II	100%		19	-	-	
	Pomona I	100%		127	-	-	
	Pomona II	100%		16	-	-	
	Villalonga I	100%		14	-	-	
	Villalonga II	100%		1	-	-	
Series	XXXII - US\$49 m issued 8-2021		49	49	-	-	
	Chubut Norte II	100%		16	-	-	
	Chubut Norte III	51%		8	-	-	
	Chubut Norte IV	51%		10	-	-	
	Necochea	50%		15	-	-	
Series	XXXIV - US\$16 m issued 8-2021		16	16	-	-	
	Chubut Norte III	51%		4	-	-	
	Chubut Norte IV	51%		12	-	-	
Series	XXXV - US\$17 m issued 12-2021	(*)	40	17	22	-	
	Chubut Norte III	51%		8	-	-	
	Chubut Norte IV	51%		9	-	-	
	Sierras de Ullum	100%		-	8	-	
	Tocota III	100%		-	5	-	
	La Elbita II	100%		-	5	-	
	La Elbita III	100%		-	5	-	
Series	XXXVI - US\$50 m issued 12-202	21	50	-	50	-	
Sierras de Ullum 100%				-	50		
Series XXXVII - US\$30 m issued 11-2022			30	-	30	-	
	La Elbita I	100%		-	28	-	
	La Elbita II	100%		-	2	-	
Series	XXXVIII - US\$73 m issued 2-202	3	73	-	-	73	
	La Elbita I	100%		-	-	73	
Series	XXXIX - US\$30 m issued 7-2023		30	-	-	30	
	Tocota III	100%		-	-	30	
Series	XL - US\$11 m issued 7-2023		11	-	-	11	
	La Elbita II	100%		-	-	11	
Series	XLI - US\$30 m issued 7-2023(**)		34	-	-	34	
	La Elbita I	100%		-	-	25	
	La Elbita II	100%		-	-	9	
Series	XLII - US\$15 m issued 11-2023(***		19	-	-	19	
	Sierras de Ullum	100%		-	-	2	
	Tocota III	100%		-	-	15	
	La Elbita II	100%		-	-	2	
Tatal			717	448	102	167	
Total			717	448	102	167	

(*) In November 2022, the Series XXXV had a retap of US\$21 million, which was issued at a price of 107,75% of the face value, therefore, the company received net proceeds of US\$22 million.

(**) In July 2023, the Series XLI was issued at a price of 113.21% of the face value, therefore, the company received net proceeds of US\$34 million. (***) In November 2023, the Series XLII was issued at a price of 122.31% of the face value, therefore, the company received net proceeds of US\$19 million.

In February 2024, our Sustainability Finance Committee approved our green bond allocations reporting for 2023.

Following the approval, we are publishing 2023 Green Bond report with the allocation of proceeds and project impacts. The Green Bond report is published each year.

Our Green Bond Framework (GBF) sets out the criteria for our green bonds to finance or refinance eligible green projects. The GBF has been developed in alignment with the Green Bond Principles of ICMA.

To provide a second opinion, the GBF was reviewed by Sustainalytics in February 2021. Additionally, Moody's Local Argentina provided a second opinion on our framework in November 2022.

In line with our framework, our green eligible projects are purely renewable energy. The allocation of funds has been verified by EY with limited assurance. EY's assurance report is included in this green bond report.

Our Green Bond Framework and Green Reports for 2021 and 2022 are available at **Genneia's web site.**







Annual green bond governance process

Green bond proceeds are alloacted to eligible projects Sustainability Finance Committee approved green bond allocations Reporting is published on allocated proceeds and projects impacts



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INDEPENDENT PUBLIC ACCOUNTANT'S LIMITED ASSURANCE REPORT ON THE PROCEDURE FOR THE ISSUANCE AND MANAGEMENT OF THE GREEN BOND CORRESPONDING TO THE FISCAL YEAR 2023.

To the Directors of **GENNEIA S.A.**

1- Introduction

We have been engaged by GENNEIA S.A. ("the Company") to issue a limited assurance report on the information published about the procedure for the issuance and management of the green bond corresponding to the fiscal year 2023 and contained in the Green Bond Report 2023 (the "Report"), March 2024 edition, following the guidelines established in the Company's Green Bond Framework.

2- Board of Directors' responsibility

The Company's Board of Directors is responsible for the preparation and presentation of the Report in accordance with the guidelines established in the Green Bond Framework. This responsibility includes defining the bases and criteria for the preparation of the Report as well as defining, adapting, and maintaining the management systems and internal controls from which the information is obtained.

3- Responsibility of the public accountant

Our responsibility is to express a limited assurance conclusion on the information mentioned in item 1 and included in the Report, based on our assurance engagement.

4- Professional work

Our professional work was conducted in accordance with standards for other assurance engagements laid down in section V.A., second part of Technical Resolution No. 37 issued by the Argentine Federation of Professional Councils of Economic Sciences ("RT 37"). These standards require that we comply with ethical requirements, as well as that we plan and execute the assignment in order to obtain limited assurance, in what is a matter of our competence, about whether the indicators included in the Report identified in item 1 have been prepared, in all their significant aspects, in accordance with the guidelines contained in the Company's Green Bond Framework. Likewise, in accordance with these standards, a limited assurance engagement provides less assurance than a reasonable assurance engagement, due to differences in nature and length of procedures applied by the accountant to gather evidence that allows him to issue his conclusion.

Consequently, our work included the review, on a selective basis, of the evidence obtained regarding compliance by the Company with the guidelines of its Green Bond Framework and the application of other procedures that we consider necessary in accordance with the circumstances. We believe that the evidence we have obtained provides an appropriate basis for our conclusion.



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The procedures mentioned in the previous paragraph have been applied to the records and documentation provided to us by the Company. Our task was based on the fact that the information provided is accurate, complete, legitimate and free from fraud and other illegal acts, for which we have considered its appearance and formal structure.

5- Conclusion

Based on the work performed and described in item 4, nothing has come to our attention that causes us to believe that the information included in the Report mentioned in item 1, is not prepared, in all material aspects, in accordance with the guidelines of the Company's Green Bond Framework.

Buenos Aires City, Argentina March 6th, 2024

> PISTRELLI, HENRY MARTIN Y ASOCIADOS S.R.L. C.P.C.E.C.A.B.A. Vol. 1 – Fo. 13

GUSTAVO A. KURGANSKY Partner Certified Public Accountant U.B.A. C.P.C.E.C.A.B.A. Vol. 309 – Fo. 176

Disclaimer



The information and opinions contained in this Framework (the Framework) are subject to change without notice. None of Genneia or any of its affliates assume any responsibility or obligation to update or revise such statements, regardless of whether those statements are afected by the results of new information, future events or otherwise. This Framework represents current Genneia policy and intent, is subject to change and is not intended to, nor can it be relied on, to create legal relations, rights or obligations. This Framework is intended to provide non-exhaustive, general information. This Framework may contain or incorporate by reference public information not separately reviewed, approved or endorsed by the Genneia and accordingly, no representation, warranty or undertaking, express or implied, is made and no responsibility or liability is accepted by the Genneia as to the fairness, accuracy, reasonableness or completeness of such information. This Framework may contain statements about future events and expectations that are "forward-looking statements" within the meaning of the Private Securities Litigation Reform Act of 1995. Forward-looking statements are generally identified through the inclusion of words such as "aim," "anticipate," "believe," "drive," "estimate," "expect," "goal," "intend," "may," "plan," "project," "strategy," "target" and "will" or similar statements or variations of such terms and other similar expressions. Forward-looking statements involve risks and uncertainties because they relate to events and depend on circumstances that may or may not occur in the future and are not guarantees of future performance or developments, which may difer materially from those made in or suggested by the Forward-looking statements contained in this Framework. No representation is made as to the suitability of any bonds to fulfil environmental and sustainability criteria required by prospective investors. Each potential purchaser of bonds should determine for itself the relevance of the information contained or referred to in this Framework or the relevant bond documentation for such bonds regarding the use of proceeds and its purchase of bonds should be based upon such investigation as it deems necessary. Genneia has set out its intended policy and actions in this Framework in respect of use of proceeds, project evaluation and selection, management of proceeds and reporting, in connection with the Genneia Green Bonds. However, nothing in this Framework is intended to modify or add to any covenant or other contractual obligation undertaken by Genneia in any Green bonds that may be issued in accordance with this Framework. This Framework does not create any legally enforceable obligations against Genneia; any such legally enforceable obligations relating to any Green bonds are limited to those expressly set forth in the indenture and notes governing such Green bonds. Therefore, unless expressly set forth in the indenture and the notes governing such Green bonds, it will not be an event of default or breach of contractual obligations under the terms and conditions of any such bonds if Genneia fails to adhere to this Framework, whether by failing to fund or complete Eligible Projects or by failing to ensure that proceeds do not contribute directly or indirectly to the financing of the excluded activities as specified in this Framework, or by failing (due to a lack of reliable information and/or data or otherwise) to provide investors with reports on uses of proceeds and environmental impacts as anticipated by this Framework, or otherwise. Factors including (but not limited to) market, political and economic conditions, any changes in government policy, changes in laws, rules or regulations, the lack of available Eligible Projects, failure to complete or implement projects and other challenges, could limit the ability to achieve some or all of the expected benefits of these initiatives, including the funding and completion of Eligible Projects. Each environmentally focused potential investor should be aware that Eligible Project may not deliver the environmental or sustainability benefits anticipated and may result in adverse impacts. This Framework does not constitute a recommendation regarding any securities of Genneia or any member of Genneia. This Framework is not, does not contain and may not be intended as an ofer to sell or a solicitation of any ofer to buy any securities issued by Genneia or any member of Genneia. In particular, neither this document nor any other related material may be distributed or published in any jurisdiction in which it is unlawful to do so, except under circumstances that will result in compliance with any applicable laws and regulations. Persons into whose possession such documents may come must inform themselves about, and observe, any applicable restrictions on distribution. Any decision to purchase any bonds should be made solely based on the information to be contained in any ofering document provided in connection with the ofering of such bonds. Prospective investors are required to make their own independent investment decisions.

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