



BPCE SA

**SITUATION
DATE**

30 June 2020 **DATE OF REPORT:** 1 February 2021

Information regarding the output & impact, as of 30 June 2020, of the proceeds of the Green Renewable Energy Bonds issued by Groupe BPCE since 2019

Green Renewable Energy Bonds Issued since 2019:

By Natixis SA:

BONDS						
ISIN	ISSUER	Currency	Proceeds outstanding (expressed in currency)	Proceeds outstanding (expressed in EUR)	Issuance date	Repayment Date
FR0013431657	Natixis SA	EUR	102 000 000	102 000 000	05/12/19	14/01/28
FR0013431673	Natixis SA	EUR	57 000 000	57 000 000	06/09/19	28/01/28
FR0013454055	Natixis SA	EUR	50 000 000	50 000 000	23/10/19	19/10/29
FR0013407442	Natixis SA	EUR	30 000 000	30 000 000	03/05/19	25/09/27
FR0013466018	Natixis SA	EUR	30 000 000	30 000 000	13/12/19	14/12/29
FR0013423316	Natixis SA	EUR	25 000 000	25 000 000	14/06/19	14/06/34
FR0013428133	Natixis SA	EUR	15 000 000	15 000 000	03/07/19	03/07/35
XS1818356302	Natixis SA	USD	11 390 000	10 140 670	28/06/19	08/07/25
FR0013416633	Natixis SA	EUR	10 613 000	10 613 000	03/05/19	13/12/29
XS1881333121	Natixis SA	EUR	6 725 000	6 725 000	31/07/19	08/08/29
XS1818356211	Natixis SA	EUR	6 195 000	6 195 000	28/06/19	09/07/29
XS1881333048	Natixis SA	EUR	4 713 000	4 713 000	20/09/19	01/10/29
XS1849377194	Natixis SA	EUR	3 310 000	3 310 000	04/10/19	02/10/25
FI4000410576	Natixis SA	EUR	2 149 000	2 149 000	17/12/19	31/12/25
FR0013420395	Natixis SA	EUR	1 000 000	1 000 000	27/05/19	27/05/27
XS1818356484	Natixis SA	EUR	731 000	731 000	28/06/19	08/01/24
Total				354 576 670		

By BPCE SA:

BONDS	
ISSUER	BPCE SA
ISIN	FR0013464930
Currency	EUR
Proceeds	500 000 000
Issuance date	04/12/2019
Repayment Date	04/12/2024

Methodology of impact measurement:

The reporting was produced with respect to the Methodology Note dedicated to Green Renewable Energy Assets published on March 2019 and available on Groupe BPCE institutional website: <https://groupebpce.com/en/investors/funding/green-bonds>

Reporting by Technology

Breakdown of earmarked assets by technology:

Breakdown by technology	On balance sheet exposure by technology (€)	%
Solar - photovoltaic	474 130 038	55%
Onshore Wind	266 260 474	31%
Offshore Wind	79 194 298	9%
Biomass projects	33 887 900	4%
Hydro projects	1 103 960	0%
Total	854 576 670	100%

Breakdown of installed capacity by technology:

Breakdown by technology	Installed Capacity by technology (MW)	%
Solar - photovoltaic	302	55%
Onshore Wind	192	35%
Offshore Wind	31	6%
Biomass projects	28	5%
Hydro projects	0	0%
Total	552	100%

Breakdown of yearly estimated output by technology*:

Breakdown by technology	Energy Yearly output by technology (MWh)	%
Solar - photovoltaic	583 328	51%
Onshore Wind	367 035	32%
Offshore Wind	114 596	10%
Biomass projects	77 147	7%
Hydro projects	390	0%
Total	1 142 496	100%

*In case estimated output is not available on a given project, calculation is either based on the average French performance by technology communicated by Réseau de Transport Electrique (RTE) or set at zero: <https://bilan-electrique-2018.rte-france.com/wp-content/uploads/2019/02/BE-PDF-2018-1.pdf>

Breakdown of yearly estimated avoided GHG emission by technology:**

Breakdown by technology	Yearly Avoided Green House Gas Emission by Technology (KgCO2)	%
Solar - photovoltaic	156 797 726	60%
Onshore Wind	71 676 762	27%
Offshore Wind	32 032 466	12%
Biomass projects	1 720 370	1%
Hydro projects	15 343	0%
Total	262 242 667	100%

**Based on the EIB methodology:

http://www.eib.org/attachments/strategies/eib_project_carbon_footprint_methodologies_en.pdf

Reporting by Geographic Area

Breakdown of earmarked assets by Geographic Area:

Breakdown by Geographic Area	On balance sheet exposure by Geographic Area (€)	%
France	387 660 355	45%
European Union	224 324 430	26%
United Kingdom	101 473 359	12%
Latin America	41 824 209	5%
Middle East	37 901 652	4%
North America	23 569 805	3%
Other	37 822 860	4%
Total général	854 576 670	100%

Breakdown of Installed Capacity by Geographic Area:

Breakdown by Geographic Area	Installed Capacity by Geographic Area (MW)	%
France	234	42%
European Union	150	27%
United Kingdom	75	14%
Latin America	24	4%
Middle East	42	8%
North America	5	1%
Other	23	4%
Total général	552	100%

Breakdown of yearly estimated output by Geographic Area*:

Breakdown by Geographic Area	Energy Yearly output by Geographic Area (MWh)	%
France	481 599	42%
European Union	272 645	24%
United Kingdom	170 437	15%
Latin America	61 372	5%
Middle East	129 353	11%
North America	6 709	1%
Other	20 381	2%
Total général	1 142 496	100%

*In case estimated output is not available on a given project, calculation is either based on the average French performance by technology communicated by Réseau de Transport Electrique (RTE) or set at zero: <https://bilan-electrique-2018.rte-france.com/wp-content/uploads/2019/02/BE-PDF-2018-1.pdf>

Breakdown of yearly Avoided Green House Gas Emission by Geographic Area*:

Breakdown by Geographic Area	Avoided Green House Gas Emission by Geographic Area (KgCO2)	%
France	13 633 734	5%
European Union	75 694 824	29%
United Kingdom	45 180 904	17%
Latin America	26 306 988	10%
Middle East	85 312 606	33%
North America	788 356	0%
Other	15 325 257	6%
Total général	262 242 667	100%

Breakdown of Green House Gas Factor by Geographic Area*:

Breakdown by Geographic Area	Average country factor	Average technology Factor	GHG factor
France	52	-24	28
European Union	297	-19	278
United Kingdom	278	-13	265
Latin America	461	-32	429
Middle East	692	-32	660
North America	150	-32	118
Other	771	-19	752
Total général	252	-22	230

*Based on the EIB methodology:

http://www.eib.org/attachments/strategies/eib_project_carbon_footprint_methodologies_en.pdf

Paris, 1st February 2020

Julien Philippon
Head of Portfolio Management and Financial Engineering