

Fostering clarity in sustainability: EIB's CABs and SABs within the framework of the EU Taxonomy Regulation

First priority: tackle lack of clarity in sustainable finance





"The lack of clarity as to what constitutes green finance activities and products (such as green loans and green bonds) can be an obstacle for investors, companies and banks seeking to identify opportunities for green investing"

...and what is a possible solution?

"....more clarity about green finance definitions is demanded from the market and policy makers, although it does not require a 'one size fits all' approach. Some internationally comparable indicators are also useful in facilitating cross-border and cross-market green investment, for evaluating green performance of financial firms, and for analyzing the macro implications of green finance activities."

G20 Green Finance Synthesis Report, September 2016

The strive for more clarity is key to the development of the green bond market





March 2007: Berlin Declaration, 2020 Energy and Climate Change Package

July 2007: Motivation of EIB's first Climate Awareness Bond:

"Accountability in the future disbursement in the fields of renewable energy and energy efficiency and precise definition of the types of projects to be included in this category"

September 2016: G20 pleads for more clarity and EC engages in reform of sustainable finance

Oct 16/Jan 18: EIB contributes to High-Level Expert Group on sustainable finance (HLEG)

July 2017: HLEG-Interim Report recommends that the European Commission:

"First, invites the European Investment Bank to coordinate the development of an EU classification for climate change finance, conducted in consultation with relevant constituencies (...) and taking account of work already accomplished or in progress in this area."

Nov 17/Jan 18: CGFC-EIB White Paper on the need for a common language in green finance and EIB's classification proposal for climate change mitigation is presented to the HLEG; is retained in retained in its Final Report

June 18/Sep 2020: EIB is part of the Technical Expert Group on sustainable finance (TEG) in the fields of EU Taxonomy and

EU Green Bond Standard

June/July 2020: <u>EU Taxonomy Regulation is adopted, enters into force</u>

EUSTR-objective: uniform classification along the sustainable investment chain





"This Regulation establishes the criteria for determining whether an economic activity qualifies as environmentally

sustainable for the purposes of establishing the degree to which an investment is environmentally sustainable"

June 2020, Regulation proposal on the establishment of a framework to facilitate sustainable investment - Article 1

GREEN INVESTMENTS

Investor **REPORTS**

on the greenness of the economic activities underlying his financial investment, as defined by the EU

GREEN BONDS

Issuer

ALLOCATES PROCEEDS

to loans to economic activities contributing to environmental objectives as defined by the EU

GREEN LOANS

Issuer

LENDS

to economic activities contributing to environmental objectives as defined

GREEN ACTIVITIES

Borrower

MEASURES AND REPORTS

the contribution of his economic activities to environmental objectives by the EU as defined by the EU

Intermediary

Source: TEG Report on EU GBS

EIB Group Climate Bank Roadmap 2021-2025 (November 2020): green lending targets, alignment with EU Taxonomy Regulation, CABs and SABs





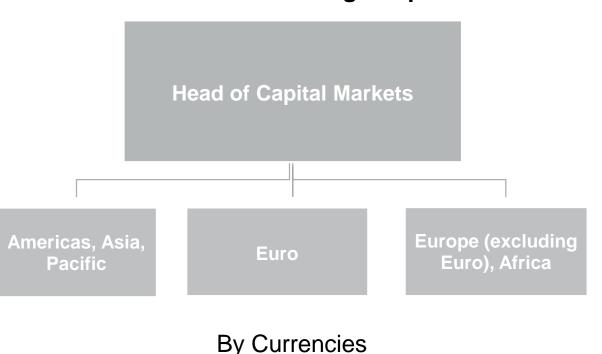
- 1. "the EIB will increase its level of support to climate action and environmental sustainability to exceed 50% of its overall lending activity by 2025 and beyond" (item 6 p. vi)
- 2. "The EIB Group, as the EU Climate Bank, will align its tracking methodology for climate action and environmental sustainability ("green") finance with the framework defined by the EU Taxonomy Regulation, as this develops over time." (item 5.3 p. 51)
- 3. "The EIB will reflect such alignment to the capital markets via progressive extension of CAB and SAB eligibilities..." (item 2.49 p.19)
- 4. "The EIB plans to gradually align CABs/SABs with the proposed EU Green Bond Standard (item 2.49 p.19)

EIB has anticipated EU regulatory developments with the creation of a dedicated Sustainability Funding Team ("SFUND", 09/2018)

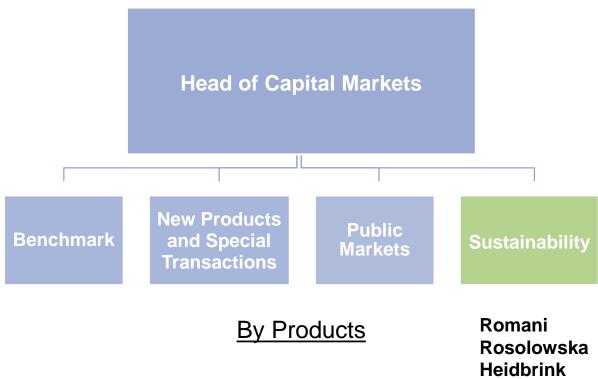




OLD distribution of Funding Responsibilities



NEW distribution of Funding Responsibilities



Maruta **Krauss**

SFUND has taken timely action in close cooperation with the Projects Directorate (PJ) Climate Awareness





SFUND is entirely dedicated to the development and issuance of CABs and SABs. In cooperation with the "PJ CAB/SAB Coordination Groups", SFUND has notably:

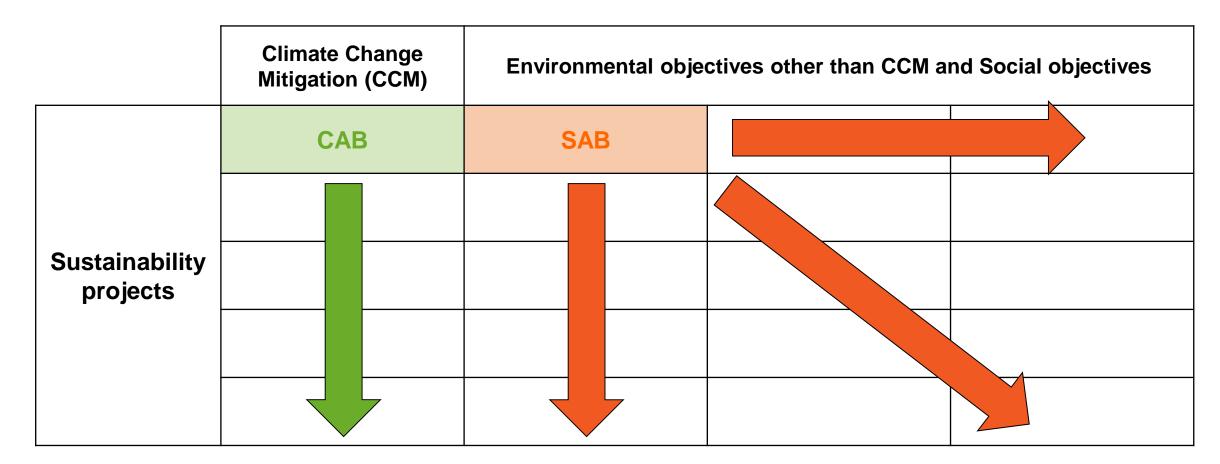
- 1. a) extended the CAB-approach to areas of sustainability beyond Climate Change mitigation with the first Sustainability Awareness Bond or "SAB" (09/2018)
- 1. b) adopted CAB/SAB documentation that foresees allocation of proceeds to EIB's lending activities aligned with the EU Taxonomy Regulation (09/2018)
- 2. developed jointly with PJ "Initial Plans for CAB/SAB Product Development" in the context of the CBR-workplan (04/2020)
- 3. highlighted in the 2019 CAB/SAB Frameworks (**07-10/2020**) EIB's plan to gradually align the CAB Internal Criteria with the EU Green Bond Standard
- 4. illustrated to banks and investors EIB's direction and progress via timely issuance and presentation of CABs and SABs within the framework provided by the Green Bond Principles (since 01/2014) and the EU Taxonomy Regulation (since 03/2018)

Progressive extension of CAB/SAB eligibilities goes hand in hand with Taxonomy development and implementation





EU Sustainability Taxonomy



CAB & SAB Sustainability Objectives & Activities – *status quo*



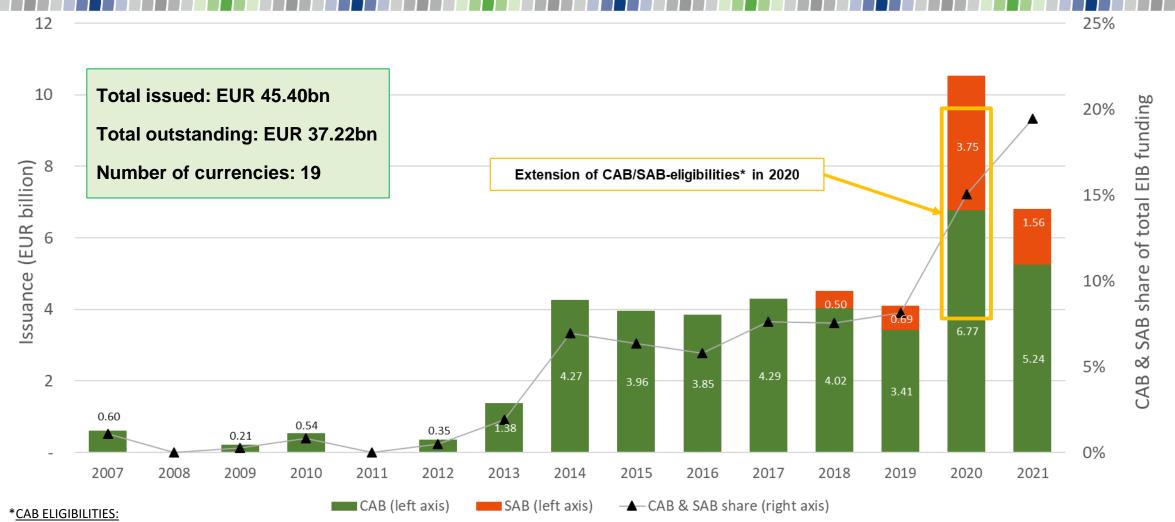


	Climate Awareness Bonds	Sustainability Awareness Bonds				
	Environmental	Environmental (other than climate change mitigation)	Social			
Objectives	Climate Change Mitigation (2007)	 Sustainable Use and Protection of Water and Marine Resources (2018) Pollution Prevention and Control (2018) Protection and Restoration of Biodiversity and Ecosystems (2021) 	 So far: Access to Water and Sanitation (2018) Natural Disaster Risk Management (2018) Access to Equitable and Inclusive Education (end 2019) Universal Access to Affordable Health Services (end 2019) Health Emergencies Response & Preparedness Capacity (2020) 			
Activities	 Eligible activities: Renewable Energy (2007) Energy Efficiency (2007) Research, development and deployment of innovative low-carbon technologies (06/2020) Electric rail infrastructure and rolling stock, and electric buses (06/2020) 	 Eligible activities: Water Supply and Management (2018) Wastewater Collection and Treatment (2018) Sustainable Forest Management (2021) 	 Eligible activities: Water Supply and Management (2018) Wastewater Collection and Treatment (2018) Flood Protection (2018) Education (2019), including higher education (2020) Health (2019), including Covid-related activities (2020) 			

CAB/SAB issuance and their share in EIB's total funding programme







2007-2020: RE&EE projects; **2020:** Extended to: (a) Electric rail infrastructure and vehicles and other electric public land transport vehicles, (b) Research, development and deployment of innovative low carbon technologies. *SAB ELIGIBILITIES:

2018-2020: Water projects; 2020: Extended to Education and Health projects (incl. COVID-19)

Source: EIB Sustainability Funding Team
Data as of 6 May 2021

CABs & SABs - core features



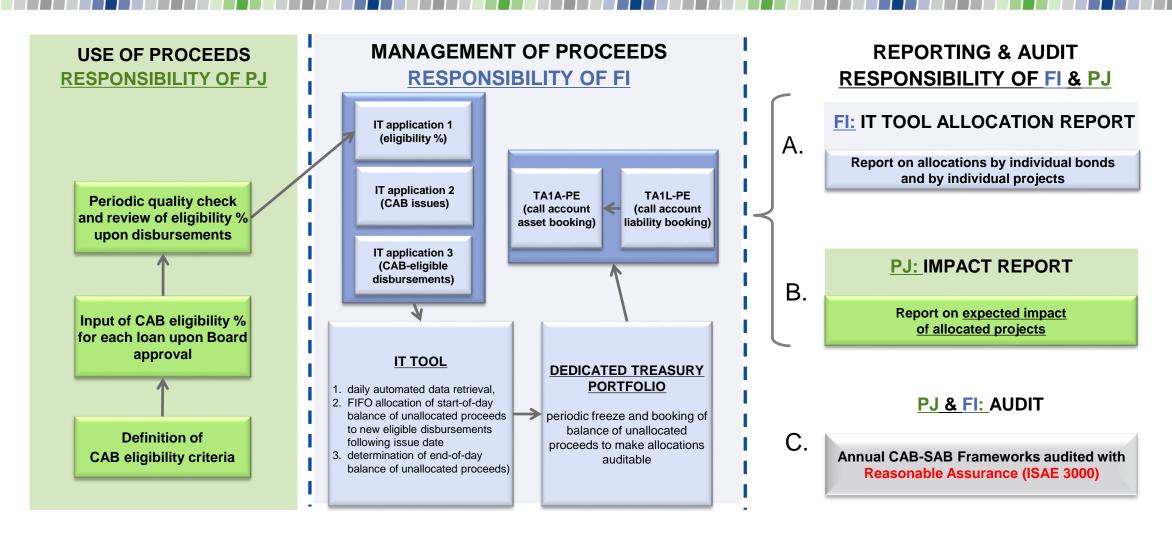


- Loan eligibilities are decided upon Board approval and reviewed upon disbursements (in case of new information), in both cases by the Projects Directorate
- Double counting is excluded
- Proceeds are allocated only to new eligible disbursements taking place after bond issue date
- Allocations are automated and follow a "first in, first out" rule
- Allocations are frozen and booked twice a year in a separate treasury portfolio
- Allocation and impact reports are published in yearly "CAB/SAB Frameworks"
- CAB/SAB Frameworks are audited by KPMG with Reasonable Assurance (ISAE 3000)

How do CABs/SABs work in practice? Why do they shed further light on EIB's loans?







FI: Finance Directorate
PJ: Projects Directorate

2020 CAB/SAB Frameworks to be published and assured in 2021 - objectives:

- Alignment with GBP/SBP
- 2. Alignment with non-EUST components of EUGBS
- 3. UoP-alignment with logic of EUST, and with TEG proposal where feasible, with clear description thereof





Green/Social Bond Principles

objectives/project categories

Description of issuer's approach

regarding process for project

evaluation and selection and

Allocation and Impact reporting

Appointment of an external

reviewer recommended

management of proceeds

recommended

Alignment with the GBP/SBP

EU Green Bond Standard (EUGBS)

Alignment with the EU Sustainability Taxonomy (EUST)

Disclosure of issuer's alignment with: the EU taxonomy; overall green bond strategy; project selection; methodologies and processes for allocation and impact reporting

- Allocation and Impact reporting mandatory
- Issuers shall appoint an accredited external verifier
- Verification applies: (i) to the Green Bond Framework and at least (ii) to the Allocation Reporting

EIB CAB/SAB

- EUST Transition Plan (5.3 CBR)
- CAB/SAB documentation already aligned (since 09/2018)
- Gradual extension of CAB/SAB eligibilities
- CAB Framework since 2016
- SAB Framework since 2020

(including both allocation and impact reports)

 KPMG's Reasonable Assurance on CAB/SAB Framework covering framework, allocation and impact reports











Verification

Green

projects

Green bond

framework

Reporting







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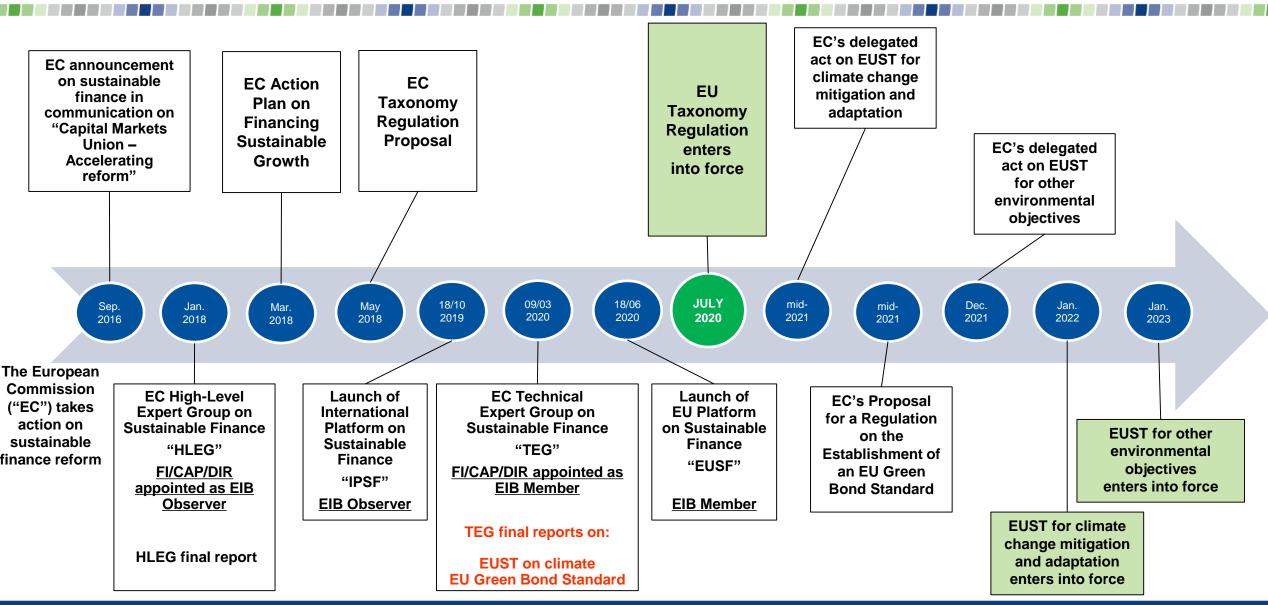
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EU regulatory developments in green finance in 2016-2023







EUST: focus on environmental objectives thus far





A list of economic activities with technical screening criteria for determining their substantial contribution to – initially - six environmental objectives.

Environmental objectives

- Climate change mitigation
- 2. Climate change adaptation
- 3. Sustainable use and protection of water and marine resources
- 4. Transition to a circular economy
- 5. Pollution prevention and control
- 6. Protection and restoration of biodiversity and ecosystems

Substantially contribute to at least one of the six environmental objectives as defined in the proposed Regulation, according to technical screening criteria (as defined by the EC)



Do no significant harm to any of the other five environmental objecties as defined in the proposed Regulation



Comply with minimum social safeguards

HLEG final report 2018: social objectives to be also considered in the EUST





	From explic	itly climate cha	nge to bro	ader environme	ntal sustainab	ility to br	oader environi	mental and soc	cial sustainabili	ty
SECTORS	Climate change mitigation	Climate change adaptation	Healthy natural habitats	Water resource management & conservation	Waste minimisation	Pollution prevention and control	Agricultural & fisheries productivity	Access to food	Access to basic infrastructure	Access essential services
	Avoided emissions or increased sequestration	Reduced disruption and damage arising from acute or chronic effects of climate change	Protecting and enhancing land & marine habitats and biodiversity	Water efficiency and sustainable management and withdrawals	Reuse of waste and circular economy	Pollutants to and in air, land, water and sea	Sustainable production and intensification	Nutritional needs being met	Access to water, energy, transport, housing and waste management infrastructure	Access to health, education, IT and financial services
Electricity production			1 -1 -1	(- ((- !						

Current state of affairs:

- Taxonomy Regulation this stage, the EU includes only environmental objectives.
- By 31 December 2021, the Commission shall publish a report describing the provisions that would be required to cover other sustainability objectives, such as social objectives.
- A new EU Platform on Sustainable Finance has been created to advise the Commission on this extension of scope.
- On 27 October 2020, the European Commission has announced the formation of a working group on social taxonomy within this platform.

Climate Awareness Bond Framework 2019

tainability Awareness Bond Framework Q4 2018 - 2019

Management responsibilities SABs

"Management plans to gradually align the SAB Internal Criteria with the EU Green Bond Standard and any future "Social Bond Standard" as retained and over time amended by the EC." (p.3)

Buildings Urban development

and storage

Industry

Transport

Water supply, management, & wastewater treatment

Products & supply chain activities

Heat production and supply Electricity transmission, distribution

Solid waste management

Agriculture, husbandry, aquaculture & fisheries

Forestry

Natural ecosystems

Education

Healthcare

Information & communication technology

Financial products & services

Cross cutting activities

CAB issuance since inception of the Sustainability Funding Team



	Issuance		Cu	rrencies		Transactions			
2019	EUR 3.4bn		AUD, DKK, EU	6 AUD, DKK, EUR, GBP, PLN, USD			2 taps)		
2020	EUR 6.8bn			12 AUD, BRL (JPY), CAD, DKK, EUR, GBP, HKD, INR (JPY), MXN, NOK, SEK, USD			24 (11 new lines; 13 taps)		
	EUR m eq.	Issue date	Туре	CCY	CCY m	Coupon	Maturity date		
	797	05 Jan 2021	New line	AUD	1,250	0.750%	Jul 2027		
	650	14 Jan 2021	New line	CAD	1,000	1.000%	Jan 2028		
	33	08 Feb 2021	New line	RUB	3,000	4.250%	Feb 2026		
	130	08 Feb 2021	New line	AUD	200	1.900%	Feb 2036		
	500	11 Mar 2021	New line	EUR	500	0.010%	Nov 2030		
	147	12 Mar 2021	New line	SEK	1,500	0.250%	Mar 2026		
2024	500	18 Mar 2021	Тар	EUR	500	0.010%	Nov 2035		
2021	193	25 Mar 2021	Тар	AUD	300	1.700%	Nov 2024		
	500	30 Mar 2021	Тар	EUR	500	1.500%	Nov 2047		
	128	08 Apr 2021	New line	CNH	1,000	2.700%	Apr 2024		
	274	13 Apr 2021	New line	PLN	1,250	1.000%	Feb 2027		
	150	23 Apr 2021	New line	NOK	1,500	1.250%	Feb 2027		
	1,250	06 May 2021	New line	USD	1,500	1.625%	May 2031		
	EUR 5	5.25bn							
TOTAL	EUR 1	EUR 15.45bn							

Highlights

2019

- April: First new CAB with documentation tuned to evolving EU legislation on sustainable finance
- First new CABs in PLN, AUD, DKK, GBP, USD
- First SSA green bond in DKK (first EIB DKK bond since 2009)
- Largest GBP green transaction ever
- First Global CAB since 2017

June: EIB-GPIF partnership in capital markets to promote sustainable finance (see here)

2020

- First new CAB in CAD & 4th in CAD
- First CAB Uridashi since 2010
- First-ever CAB in NOK
- GBP CAB 2024 largest green bond in sterling market
- EUR CAB 2035 extends eligibilities to two new sectors contributing substantially to climate change mitigation
- Largest CAB under new documentation (USD CAB 2030)
- · First-ever CAB in HKD

2021

- · Largest green Maple ever
- First-ever CABs in RUB and CNH (CABs now in 19 currencies)
- EUR CAB 2030 exclusively with German savings banks
- CAB 2035 becomes largest outstanding EIB green bond

As of 6 May 2021

SAB issuance since inception of the Sustainability Funding Team



	Issuance	Currencies	Transactions	
2018	EUR 500m	1 EUR	1 First-ever SAB	
2019	EUR 687m	2 EUR, SEK	3 (1 new line; 2 taps)	
2020	EUR 3.8bn	4 AUD, EUR, SEK, USD	7 (5 new lines; 2 taps)	

	EUR m eq.	Issue date	Туре	CCY	CCY m	Coupon	Maturity date
	1,500	11 Jan 2021	New line	EUR	1,500	0.01%	May 2041
2021	65	17 Feb 2021	Тар	AUD	100	1.4%	May 2030
	EUR	1.57bn					

TOTAL EUR 6.5bn

Highlights

2018

 EIB issues first SAB ever, with documentation tuned to evolving EU legislation on sustainable finance

2019

 Extension of SAB Framework from water to include health and education in accordance with EU Sustainability Taxonomy

June 2019: EIB-GPIF partnership in capital markets to promote sustainable finance (see here)

2020

- SABs highlight action against COVID-19 & SAB-eligibilities under extension to other financing areas directly related to the fight against the pandemic
- Inauguration of the SAB in USD with an SEC Registered Global
- USD SAB 2027 highlights:

delivery of inaugural SAB Framework

2021

Extension of SAB scope to Biodiversity (see here)

SFUND issues and press releases 09/2018-present



Issue date	Transaction type	CCY	Amount (CCY m)	Amount (EUR m eq.)	Coupon	Maturity date	Press release		
06 Sep 2018	New line	EUR	500	500	0.375%	May 2026	<u>link</u>		
04 Apr 2019	New line	EUR	500	500	1%	Nov 2042	<u>link</u>		
13 May 2019	New line	PLN	1,000	232	2.88%	Nov 2029	<u>link</u>		
28 May 2019	New line	AUD	400	248	1.70%	Nov 2024	<u>link</u>		
27 Jun 2019	New line	DKK	3,000	402	0%	Nov 2031	<u>link</u>		
25 Jul 2019	Tap	AUD	150	94	3.30%	Feb 2028	n/a		
30 Jul 2019	New line	GBP	800	874	0.75%	Nov 2024	<u>link</u>		
05 Sep 2019	Тар	EUR	250	250	0.375%	May 2026	<u>link</u>		
09 Sep 2019	New line	SEK	2,000	187	0.125%	Sep 2026	n/a		
02 Oct 2019	New line	USD	1,000	913	1.625%	Oct 2029	<u>link</u>		
06 Nov 2019	Tap	EUR	250	250	0.375%	May 2026	n/a		
15 Nov 2019	Tap	EUR	150	150	0.50%	Nov 2023	n/a		
8 Jan 2020	New line	CAD	500	345	1.90%	Jan 2025	<u>link</u>		
14 Jan 2020	Tap	SEK	1,200	114	0.875%	Jan 2025	n/a		
15 Jan 2020	Tap	GBP	200	233	0.750%	Nov 2024	n/a		
15 Jan 2020	Tap	EUR	250	250	0.375%	May 2026	<u>link</u>		
16 Jan 2020	Тар	DKK	1,500	201	0.000%	Nov 2031	<u>link</u>		
21 Jan 2020	Тар	AUD	150	93	3.30%	Feb 2028	<u>link</u>		
10 Mar 2020	New line*	BRL (JPY)	20	3.8	3.050%	Mar 2023			
10 Mar 2020	New line*	MXN	40	1.7	5.180%	Mar 2023	n/a		
11 Mar 2020	New line*	INR (JPY)	1,078	12.8	4.130%	Mar 2023			
27 Mar 2020	Тар	EUR	250	250	1%	Nov 2042	n/a		
31 Mar 2020	New line	SEK	3,000	271	0.275%	May 2023	<u>link</u>		
2 Apr 2020	New line	EUR	1,000	1,000	0%	May 2028	<u>link</u>		
14 Apr 2020	New line	NOK	2,000	175	0.625%	Apr 2023	<u>link</u>		
23 Apr 2020	Тар	EUR	500	500	1%	Nov 2042	<u>link</u>		
12 May 2020	New line	AUD	350	210	1.400%	May 2030	<u>link</u>		
12 May 2020	New line	USD	1,000	919	0.875%	May 2030	<u>link</u>		
18 May 2020	Тар	EUR	500	500	1.125%	Nov 2032	<u>link</u>		
03 Jun 2020	Тар	GBP	400	449	0.750%	Nov 2024	<u>link</u>		
18 Jun 2020	New line	EUR	1,000	1,000	0.010%	Nov 2035	<u>link</u>		
	see next page for continuation								

Overview of all CAB&SAB transactions since inception of Sustainability Funding Team in September 2018.

Coherent SFUND-communication on EU Taxonomy Regulation via related press releases.

Page 1/2

SFUND issues and press releases 09/2018-present





Issue date	Transaction type	CCY	Amount (CCY m)	Amount (EUR m eq.)	Coupon	Maturity date	Press release
30 Jul 2020	Тар	EUR	300	300	0.010%	Nov 2035	<u>link</u>
08 Sep 2020	New line	SEK	1,600	155	0.375%	Sep 2030	<u>link</u>
14 Sep 2020	New line	USD	1,500	1,270	0.750%	Sep 2030	<u>link</u>
16 Sep 2020	New line	HKD	300	33	0.320%	Sep 2022	n/a
16 Sep 2020	Тар	SEK	450	42	0.375%	Sep 2030	n/a
18 Sep 2020	Тар	EUR	250	250	0%	May 2028	n/a
22 Sep 2020	Тар	SEK	950	91	0.375%	Sep 2030	n/a
30 Sep 2020	Тар	EUR	500	500	0.010%	Nov 2035	<u>link</u>
06 Oct 2020	Тар	EUR	500	500	1%	Nov 2042	<u>link</u>
21 Oct 2020	New line	USD	1,000	850	0.625%	Oct 2027	n/a
19 Oct 2020	New line *	BRL (JPY)	21.6	3.3	3.250%	Oct 2023	n/a
20 Oct 2020	New line *	INR (JPY)	342	4	3.767%	Oct 2023	11/a
05 Jan 2021	New line	AUD	1,250	797	0.750%	Jul 2027	<u>link</u>
11 Jan 2021	New line	EUR	1,500	1,500	0.01%	May 2041	<u>link</u>
14 Jan 2021	New line	CAD	1,000	650	1%	Jan 2028	<u>link</u>
08 Feb 2021	New line	RUB	3,000	33	4.250%	Feb 2026	n/a
08 Feb 2021	New line	AUD	200	130	1.900%	Feb 2036	n/a
17 Feb 2021	Тар	AUD	100	65	1.4%	May 2030	n/a
11 Mar 2021	New line	EUR	500	500	0.010%	Nov 2030	<u>link</u>
12 Mar 2021	New line	SEK	1,500	147	0.250%	Mar 2026	n/a
18 Mar 2021	Тар	EUR	500	500	0.010%	Nov 2035	<u>link</u>
25 Mar 2021	Тар	AUD	300	193	1.7%	Nov 2024	n/a
30 Mar 2021	Тар	EUR	500	500	1.5%	Nov 2047	n/a
08 Apr 2021	New line	CNH	1,000	128	2.7%	Apr 2024	<u>link</u>
13 Apr 2021	New line	PLN	1,250	274	1%	Feb 2027	<u>link</u>
23 Apr 2021	New line	NOK	1,500	150	1.25%	Feb 2027	n/a
06 May 2021	New line	USD	1,500	1,250	1.625%	May 2031	n/a
			TOTAL	21,943m			

Overview of all CAB&SAB transactions since inception of Sustainability Funding Team in September 2018.

Coherent SFUND-communication on EU Taxonomy Regulation via related press releases.

Page 2/2

*Uridashi As of 6 May 2021



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