

Green bond issuance by corporates and governments (2014-2023)

This indicator measures the green bonds which are issued specifically to finance green projects (i.e. the proceeds from green bonds are earmarked for green projects), as a share of all bonds issued by corporates and governments in Europe. The use of proceeds is typically guided by a set of criteria or green bond frameworks. The average values include the issuance of all bonds issued by corporates and governments in the calendar year that were issued in a country of the European Union. To be included in the calculation, the bond must be listed with the data provider. Only sovereign bonds issued by governments with a maturity of more than one year are included.

Similar content: [EU SDG 13_70] Green bond issuance by type of issuer. The shares per type of issuer include all bonds and green bonds issued by corporates and governments.

Data source restrictions: Data provided by ESMA based on data from commercial data provider (LSEG/Refinitive). Data are not publicly available.

Simple

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Code	10.2909/96c6ffc6-fad9-460e-b7b6-763207baa077																			
Point of contact	<table><thead><tr><th>Organisation name</th><th>Individual name</th><th>Electronic mail address</th><th>Website</th><th>Role</th></tr></thead><tbody><tr><td>European Environment Agency</td><td></td><td>sdi@eea.europa.eu</td><td>http://www.eea.europa.eu</td><td>Point of contact</td></tr><tr><td>European Environment Agency</td><td></td><td>sdi@eea.europa.eu</td><td></td><td>Custodian</td></tr></tbody></table>					Organisation name	Individual name	Electronic mail address	Website	Role	European Environment Agency		sdi@eea.europa.eu	http://www.eea.europa.eu	Point of contact	European Environment Agency		sdi@eea.europa.eu		Custodian
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No information provided.

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Maintenance and update frequency	Annually
Date of next update	2025-06
Keywords	
Keywords	
GEMET	<ul style="list-style-type: none"> statistical data EU Green Bond label
Continents, countries, sea regions of the world.	<ul style="list-style-type: none"> EU27 (from 2020)
EEA Management Plan	<ul style="list-style-type: none"> 2024 5.2.2
EEA topics	<ul style="list-style-type: none"> Sustainability

Unit of measure	<ul style="list-style-type: none"> Percentage of total
Available breakdowns	<ul style="list-style-type: none"> by corporates and governments Country
Reference period	<ul style="list-style-type: none"> Calendar year
Use constraints	Other restrictions
Other constraints	EEA standard re-use policy: unless otherwise indicated, re-use of content on the EEA website for commercial or non-commercial purposes is permitted free of charge, provided that the source is acknowledged (http://www.eea.europa.eu/legal/copyright). Copyright holder: European Environment Agency (EEA).
Other constraints	Data access: Share of bonds issued as green bonds (copyright-protected and direct link to the dataset is not available), European Securities and Markets Authority (ESMA), based on data produced by Refinitiv.
Language of dataset	English
Topic category	<ul style="list-style-type: none"> Environment Economy
Begin date	2014-01-01
End date	2023-12-31
Distribution format	<ul style="list-style-type: none"> Microsoft Excel (.xls, .xlsx) () ascii (.csv, .txt, .sql) ()

OnLine resource	Protocol	Linkage	Name
	EEA:FOLDERPATH	https://sdi.eea.europa.eu/webdav/datastore/public/eea_s_eu-sdg-13-70a_p_2014-2023_v01_r00	
	WWW:URL	https://sdi.eea.europa.eu/data/96c6ffc6-fad9-460e-b7b6-763207baa077	Direct download
	WWW:LINK-1.0-http--link	https://www.eea.europa.eu/en/analysis/indicators/green-bonds-8th-eap?activeAccordion=546a7c35-9188-4d23-94ee-005d97c26f2b	EEA indicator: Green bonds in Europe
	WWW:LINK-1.0-http--link	https://ec.europa.eu/eurostat/databrowser/view/sdg_13_70a/default/table?lang=en&category=sdg.sdg_13	Eurostat indicator: Green bond issuance by corporates and governments (sdg_13_70a)

OnLine resource

No information provided.

OnLine resource	Protocol	Linkage	Name
	DOI	https://doi.org/10.2909/96c6ffc6-fad9-460e-b7b6-763207baa077	
Hierarchy level	Dataset		

Accuracy of time measurement

Name of measure	Frequency of dissemination
Measure description	The indicator is updated annually.

Quantitative result

Value	Every year
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Accuracy of time measurement

Name of measure	Timeliness
Measure description	New data points are disseminated within one year after the reference year.

Quantitative result

Value	T+1 year
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Quantitative attribute accuracy

Name of measure	Reference area
Measure description	27 EU Member States plus EU27_2020 Total aggregation.

Quantitative result

Value	All EU MS
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Domain consistency

Name of measure	Comparability - geographical
Measure description	Limitations in comparability may occur, as the classification (type of instrument, type of issuer, country of issue and green bond) is done by the data provider (LSEG). Volumes depend on daily changing currency rates.

Quantitative result

Value	not applicable
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Domain consistency

Name of measure	Time coverage
Measure description	Presented time series (including EU aggregates) starts in 2014.

Quantitative result

Value	5 to 10 years
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Domain consistency

Name of measure	Comparability - over time
Measure description	Length of comparable time series without methodological breaks is longer than 4 data points.

Quantitative result

Value	> 4 data points
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Statement	
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This indicator is calculated based on data on the issuance of green bonds by companies, including financial institutions, and governments in the EU. Green bonds issued from supranational entities, from agencies and sub-national entities are not included. It shows green bond issuance as a percentage of all bonds issued and by type of green bond issuer. Data on corporate and government bonds were provided by the European Securities and Markets Authority (ESMA) in May 2024. As the groups of issuers were compiled by ESMA and Refinitive Eikon, minor double-counting at margins cannot be excluded, despite the utmost care.

Metadata

File identifier	96c6ffc6-fad9-460e-b7b6-763207baa077 XML		
Metadata language	English		
Character set	UTF8		
Hierarchy level	Tabular dataset		
Hierarchy level name	Tabular dataset		
Date stamp	2025-01-31T12:41:28.000136Z		
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Metadata standard version	1.0		
Metadata author	Organisation name	Individual name	Electronic mail addressWebsite Role
	European Environment Agency		sdi@eea.europa.euPoint of contact

Overviews

Dataset for indicator	Green bond issuance as a percentage of total bond issuance by corporates and governments in the EU, 2014-2023															
Conditions	Data restrictions: Data provided by ESMA based on data from commercial data provider (ISG/Refinitive). Data are not publicly available.															
Unit	(%) of total bond issuance															
Coverage	EU27_2020															
Legend	AGG= Aggregate															
	MS= Member State															
	EFTA= EFTA country															
	CC= Candidate Country															
		TIME														
Type	GEO (Labels)	GEO (Codes)	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023				
AGG	European Union (aggregate changing according to the context)	EU_V														
AGG	European Union - 27 countries	EU27_2020	0.30%	0.55%	0.73%	2.65%	2.01%	3.44%	3.61%	7.29%	9.16%	6.77%				
MS	Belgium	BE	0.00%	0.00%	0.11%	0.00%	26.26%	0.00%	2.16%	9.05%	16.68%	7.74%				
MS	Bulgaria	BG	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
MS	Czechia	CZ	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
MS	Denmark	DK	0.00%	0.36%	0.00%	1.73%	0.00%	7.39%	1.30%	10.10%	15.66%	16.63%				
MS	Germany	DE	0.00%	0.25%	0.20%	0.84%	0.93%	1.45%	4.88%	9.49%	13.76%	6.47%				
MS	Estonia	EE	0.00%	8.06%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
MS	Ireland	IE	0.00%	0.00%	0.00%	0.00%	8.51%	1.17%	1.96%	2.56%	6.28%	13.14%				
MS	Greece	EL	0.00%	0.00%	0.00%	0.00%	0.00%	1.17%	3.16%	6.54%	2.67%	0.00%				
MS	Spain	ES	0.48%	0.00%	0.41%	1.03%	1.45%	3.51%	2.95%	8.08%	6.76%	5.14%				
MS	France	FR	0.99%	1.92%	1.11%	9.65%	1.41%	4.29%	3.03%	7.94%	5.92%	3.74%				
MS	Croatia	HR	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	5.86%				
MS	Italy	IT	0.11%	0.00%	0.10%	0.29%	0.46%	1.37%	1.45%	5.45%	6.84%	6.25%				
MS	Cyprus	CY	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%				
MS	Latvia	LV	0.00%	6.84%	1.41%	3.85%	0.00%	0.00%	0.00%	5.02%	10.50%	2.07%				
MS	Lithuania	LT	0.00%	0.00%	0.00%	11.36%	32.42%	0.00%	0.00%	0.00%	0.00%	0.00%				
MS	Luxembourg	LU	0.00%	0.00%	2.14%	1.80%	0.40%	0.93%	2.38%	3.53%	3.33%	0.71%				
MS	Hungary	HU	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	11.41%	4.14%	15.14%	7.37%				
MS	Malta	MT	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.68%				
MS	Netherlands	NL	0.25%	1.33%	1.58%	2.87%	2.83%	7.53%	6.22%	9.53%	11.17%	14.28%				
MS	Austria	AT	0.74%	0.00%	1.52%	0.79%	0.56%	2.40%	1.61%	2.96%	8.45%	15.09%				
MS	Poland	PL	0.00%	0.00%	2.23%	0.00%	5.81%	6.85%	0.00%	6.03%	3.20%	6.18%				
MS	Portugal	PT	0.00%	0.00%	0.00%	0.00%	0.00%	5.88%	6.48%	13.89%	8.36%	13.19%				
MS	Romania	RO	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	2.31%	0.69%	2.94%				
MS	Slovenia	SI	0.00%	0.00%	0.00%	0.00%	2.91%	0.00%	0.00%	0.00%	0.00%	11.60%				
MS	Slovakia	SK	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	0.00%	6.48%	15.56%	5.44%				
MS	Finland	FI	0.00%	0.00%	0.00%	2.20%	0.37%	6.96%	4.53%	6.99%	10.66%	16.05%				
MS	Sweden	SE	0.83%	0.73%	1.93%	2.98%	4.82%	9.72%	11.54%	14.53%	16.58%	16.17%				
EFTA	Iceland	IS	-	-	-	-	-	-	-	-	-	-				
EFTA	Liechtenstein	LI	-	-	-	-	-	-	-	-	-	-				
EFTA	Norway	NO	-	-	-	-	-	-	-	-	-	-				
EFTA	Switzerland	CH	-	-	-	-	-	-	-	-	-	-				
CC	Bosnia and Herzegovina	BA	-	-	-	-	-	-	-	-	-	-				
CC	Montenegro	ME	-	-	-	-	-	-	-	-	-	-				
CC	North Macedonia	MK	-	-	-	-	-	-	-	-	-	-				
CC	Albania	AL	-	-	-	-	-	-	-	-	-	-				
CC	Serbia	RS	-	-	-	-	-	-	-	-	-	-				
CC	Turkiye	TR	-	-	-	-	-	-	-	-	-	-				
CC (potential)	Kosovo (under United Nations supervision)	XK	-	-	-	-	-	-	-	-	-	-				

Provided by

