



# GREEN BOND REPORTING

**EUR 500 mn Green Bond  
due April 2031  
issued in March 2024**

Published April 2025

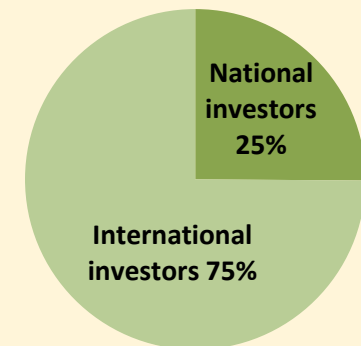


# Green Bond EUR 500 mn due April 2031 – issued March 2024 (1)

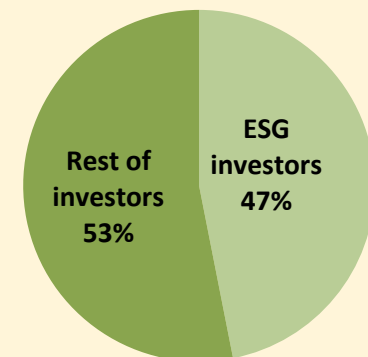
- > Issued under ICO's [Green Bond Framework](#)<sup>1</sup> last updated in 2021 receiving a favorable [Second Opinion](#)<sup>2</sup>
- > This is ICO's **sixth** Green Bond and reinforces the leadership of ICO in the Sustainability Bond market
- > Six times oversubscribed, with a demand in excess of **EUR 3.7 bn**

<b>Issuer:</b>	Instituto de Crédito Oficial
<b>Issuer Ratings:</b>	A / A / A- / Baa1 (S&P / Scope / Fitch / Moody's)
<b>Status of Notes:</b>	Senior, Unsecured
<b>Documentation:</b>	GMTN Programme
<b>Currency:</b>	EUR
<b>Principal Amount:</b>	500,000,000
<b>Trade Date:</b>	19 <sup>th</sup> March 2024
<b>Settlement Date:</b>	26 <sup>th</sup> March 2024
<b>Maturity Date:</b>	30 <sup>th</sup> April 2031
<b>Re-offer Spread:</b>	SPGB 0.1% April 2031 + 11 bps
<b>Re-offer Yield:</b>	3.088%
<b>Re-offer Price:</b>	99.756%
<b>Annual Coupon:</b>	3.05%, Fixed
<b>ISIN:</b>	XS2793252060

75% of the issue was bought by international investors



ESG investors accounted for 47% of the final allocation



1. <https://www.ico.es/documents/20124/39589/Green+Bond+Framework+Junio.pdf>

2. <https://www.ico.es/documents/77230/77304/Green+Bond+Framework+second+party+opinion.pdf>

## ICO's Green Bond Framework: Use of proceeds



### Renewable energy

- Acquisition, maintenance, refurbishment and/or repowering of existing and future renewable energy facilities from renewable sources (solar, wind and biomass)
- Energy Transmission and Distribution networks from renewable sources



### Green buildings

- Acquisition, construction, development, renovation of buildings with an Energy Performance Certificate (EPC) and Primary Energy Demand (PED)



### Energy efficiency

- Development, operation, distribution and maintenance of equipment or technology helping reduce energy consumption and increase energy savings
- Energy efficiency in buildings



### Clean transportation

- Loans to finance Public mass and freight transportation for electrified transportation systems, or low-carbon transportation systems which meet carbon intensity thresholds for a 2-degree scenario as defined by the CBI low Carbon Transportation Standard



### Pollution prevention and Control

- Loans to finance the development, manufacturing, construction, operation and maintenance of waste management activities



### Environmentally sustainable management of living natural resources and land use

- Loans to finance the development, manufacturing, construction, operation and maintenance of sustainable agriculture and climate smart farm input or Environmentally sustainable fishery and or environmentally sustainable forestry



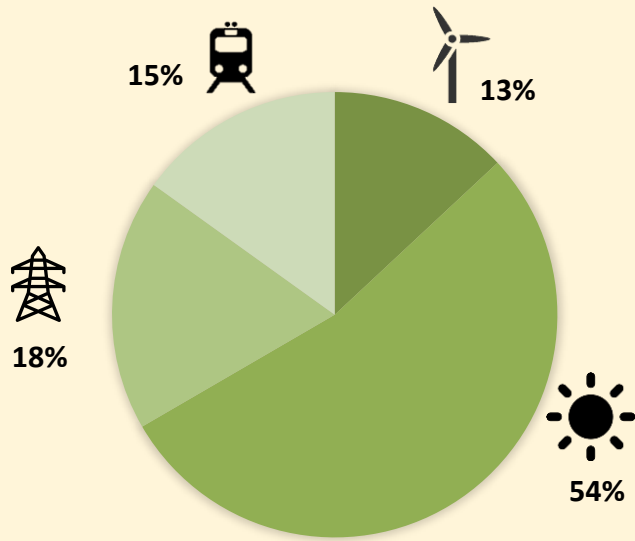
### Hydrogen production & storage

- Development, construction, and upgrade of hydrogen electrolysis, with related lifecycle emissions that comply with European Taxonomy threshold of 3tCO<sub>2</sub>e/tH<sub>2</sub>

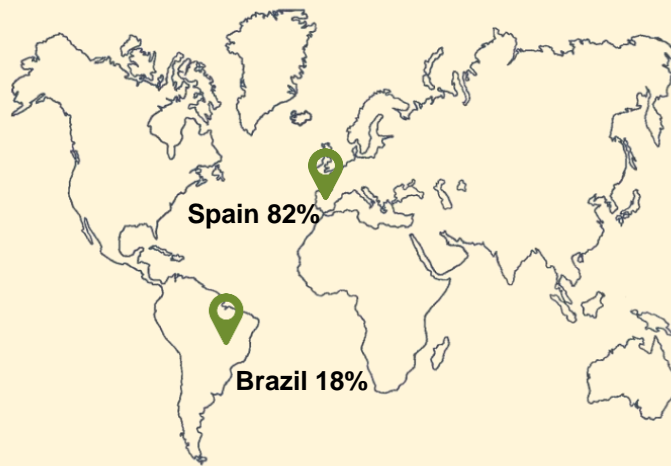


### Sustainable water and wastewater management

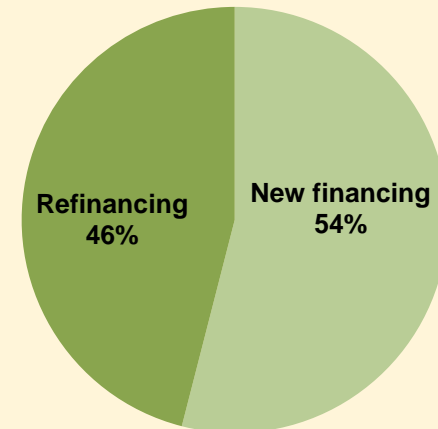
- Loans to finance the development, construction and maintenance of water network and equipment for efficient water supply, distribution and storage or Wastewater discharge, water treatment and rainwater harvesting



Breakdown by  
energy source



Breakdown by  
country



Share of financing  
vs refinancing

- **100% fund allocation** in the first year after being issued. Refinancing (loans disbursed before September 2023) accounts for 46% of the total.
- By financing the projects included in this bond, ICO has **contributed to mobilizing EUR 4,957 mn**

# Allocations and Environmental Impact (1)

Type of Project	Installed Capacity (MW)	Annual energy production distributed (MWh)	Km of energy distribution network built	Energy distributed (MWh)	Purchased trains	Annual GHG emissions avoided Tn CO2e	Allocated million EUR
Solar fotovoltaic	3,193	12,021,427	-	-	-	52,743	267,845,162
Wind	300	868,100	-	-	-	14,636	65,255,436
Energy distribution networks	-	-	236,869	1,026,328	-	18,681	91,424,392
Clean transportation	-	-	-	-	7	331	75,475,009
<b>Total</b>	<b>3,493</b>	<b>12,889,527</b>	<b>236,869</b>	<b>1,026,328</b>	<b>7</b>	<b>86,390</b>	<b>500,000,000</b>

- The **methodology** used to calculate the amount of CO2 emissions avoided is **based on internationally recognized standards** to ensure solid results. It has been implemented by ICO with the technical advice of **PwC** and is based on the **GHG Protocol** for renewable energy projects.
- This Impact Report is **based on ex-ante estimates** of expected annual results for a **representative year** once the financed projects are completed and operating at normal capacity.

## Annual review

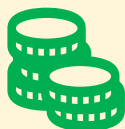
*Based on the limited assurance procedures conducted, nothing has come to Sustainalytics' attention that causes us to believe that, in all material respects, the Nominated Projects do not conform with the use of proceeds criteria and reporting commitments in the Framework. ICO has disclosed to Sustainalytics that the proceeds from the 2024 Green Bond were fully allocated as of January 2025. [Link to the report](#)<sup>1</sup>*

*Morningstar Sustainalytics, a globally-recognized provider of ESG research, ratings and data, evaluated ICO's Framework and the alignment thereof with relevant industry standards and provided views on the robustness and credibility of the Framework. The review, whether in whole or in part shall not be construed as part of the offering and shall not be considered as an offer or advertisement to buy a security, solicitation of votes or proxies, investment advice, expert opinion or negative assurance letter as defined by the applicable legislation.*

<sup>1</sup> <http://www.ico.es/documents/20124/39520/Instituto+de+Cr%C3%A9dito+Oficial+Annual+Review+2025.pdf>

# Allocations and Environmental Impact (2)

Brazil



EUR 91.42 mn  
1 project

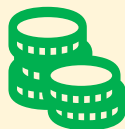


18,681 Tn



1,026,327.84 MWh  
236,868.86 Km

Spain



EUR 408.58 mn  
10 projects



67,709 Tn



3,493 MW



12,889,527 MWh



7 trains



Annual avoided CO2 emissions



Energy capacity installed



Annual energy production  
distributed



Purchased trains



Energy distributed & Km of energy  
distribution network built

# Projects overview (1)

Framework category	Environmental benefit	Economic activity (EU Taxonomy)	Project description	Total project cost (EUR mn)	Allocated amount (EUR mn)	Installed Capacity (MW)	Annual energy production distributed (MWh)	Annual GHG emissions avoided Tn CO2e
Electricity generation from renewable energies	Climate change mitigation	Electricity generation using solar photovoltaic technology	Design, construction, operation and maintenance of 4 photovoltaic plants.	264	21	290	516,770	4,061
			Construction of two 33MW photovoltaic parks.	65	21	66	123,981	3,987
			Partial financing of the construction project for renewable energy plants	617	116	259	659,000	12,427
			Construction of three photovoltaic plants	123	39	150	302,929	9,564
			Design, construction, operation and maintenance of 21 photovoltaic plants with an installed capacity of 1.2 GW	1,011	17	1,200	8,405,000	14,290
			Design, construction, operation and maintenance of 24 photovoltaic plants	991	14	1,085	1,739,000	2,505
			Financing of three photovoltaic installations	65	10	8	15,767	1,577
			Financing of three photovoltaic installations	45	7	35	70,791	1,159
			Financing of two photovoltaic plants*	129	22	100	188,189	3,173
		Electricity generation from wind power	Financing of 8 wind farms*	387	65	300	868,100	14,636

(\*) For the avoidance of doubt: these two lines belong to the same project

# Projects overview (2)

Framework category	Environmental benefit	Economic activity (EU Taxonomy)	Project description	Total project cost (EUR mn)	Allocated amount (EUR mn)	Installed Capacity (MW)	Annual energy production distributed (MWh)	Annual GHG emissions avoided Tn CO2e
Energy transmission and distribution networks	Climate change mitigation	Transmission and distribution of electricity	Investment in a power transmission line project	347	91	-	-	18,681
Clean transportation – Low carbon vehicles and infrastructure	Climate change mitigation	Urban and suburban transport, road passenger transport	Partial financing of the rolling stock investment plan for the Madrid underground system.	912	75	0	0	331
				4,957	500	3,493	12,889,527	86,390



# Case Study: Promoting sustainable transport at Metro de Madrid

**Instituto de Crédito Oficial (ICO)** participated in the acquisition of **80 new trains** for **Metro de Madrid** by financing 350 million euros, 75 million of which come from ICO's 2024 Green Bond. The total project is valued at 820 million euros and aims to modernize the train fleet, improve service quality, and promote sustainable transport.

The new trains, designed for **sustainability and energy efficiency**, will contribute to the reduction of CO2 emissions. The purchase includes 40 broad gauge and 40 narrow gauge trains, primarily for lines 1 and 6. This operation will enable a more efficient redistribution of the current fleet, increasing transport capacity while retiring older models. The first units are expected to enter service in the first half of 2027.



The trains comply with accessibility, quality and comfort standards and those for line 6 are set up to incorporate automatic driving technology.

This project will contribute to the reduction of road traffic congestion and air pollution in Madrid, encouraging a modal shift towards public transport. By achieving greater transport capacity and a more comfortable and efficient travel experience for metro users, it is expected to **significantly improve the quality of life in the region**.

Metro de Madrid, founded in 1919, is one of the main mobility companies in the Madrid region. With more than 7,000 employees and a network extending over 295 km and 302 stations, it moves some 2.2 million users every day, guaranteeing safe and sustainable mobility in the region.

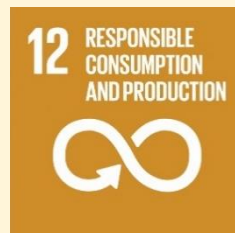
During 2024, ICO approved direct financing operations in different areas of sustainability (ESG) for a volume of more than EUR 3,50 bn. Among these operations, those with environmental impact (EUR 2,83 bn) stand out this year. ICO, in its commitment to the transition towards a resilient and low carbon economy, has promoted the financing of operations that contribute to the objectives of climate change mitigation and circular economy.

## SRI milestones

- ICO Group will channel funds from the Recovery and Resilience Facility through the EUR 22 bn **ICO-Green Facility**, the EUR 8.15 bn **ICO-Enterprises and Entrepreneurs Facility** and the EUR 4 bn **ICO-Social Housing Promotion**.
- ICO is a member of the **Sustainable Finance Council**, created in 2025 with the aim of facilitating cooperation between national public and private actors to address the challenges of the ecological transition, identify the opportunities offered by sustainable finance in Spain, and develop best practices to promote the transition towards a decarbonized, sustainable, and fair economy.
- In 2025, ICO has been reelected as member of **ICMA's Advisory Council of the Executive Committee of the Principles**.
- ICO is a member of **OFISO (Observatorio Español de la Financiación Sostenible)**, a meeting, information and debate forum for companies, financial entities, public administrations, investors and other agents of the financial industry.
- As an accredited **implementing partner of the European Union**, ICO continues to play an important role in channeling European funds through different programs besides the Recovery and Resilience Facility: InvestEU and Alternative Fuels Infrastructure Facility – Connecting Europe Facility.
- ICO's 2022-2027 Strategy identifies **sustainability as a key strategic priority** and sets a target of 40% for sustainable financing. This means that 40% of new financing must meet specific sustainability criteria.
- In 2024, ICO has approved the **update of its sustainability policy**, renewing its public commitment to sustainability and its adaptation to the regulations and experience acquired in this area.
- In 2024, the Spanish Climate Change Office has favorably resolved the **registration of the carbon footprint** (scope 1 and 2) of the ICO group and the obtaining of the "Calculo" seal. In addition, the Carbon Footprint of ICO's loan portfolio (scope 3) continued to be calculated in accordance with the PCAF methodology.
- In 2024, ICO has **joined the PCAF initiative**. This entails that ICO will disclose the carbon footprint of its loan and investment portfolio.
- In 2024, ICO has started developing a **decarbonization plan**, which will enable the establishment of concrete goals and clear strategies to reduce emissions. This effort aligns with international standards, such as PCAF, and reinforces the commitment to sustainability and transparency.

As of the date of this report, ICO has already issued **6 Green Bonds amounting to EUR 3 bn** that have help avoid **1,250,823Tn CO2e of GHG emissions** annually.

ICO's contribution to the Sustainable Development Goals through the Green Bonds **is mainly based on renewable energy**, which all financed projects impact. The relevant SDGs are #3 Good Health and Well-being, **#7 Affordable and Clean Energy**, #11 Sustainable cities and communities, #12 Responsible Consumption and Production, and #13 Climate Action.



Furthermore, as ICO is a National Promotional Bank it also has a statutory mandate to foster economic development through financing key economic sectors. In this way, it also contributes to SDG 8 on Decent Work and Economic Growth.



# SUSTAINABLE DEVELOPMENT GOALS