



Green Bond Fact Sheet

Ferrovie dello Stato Issue date: 05-07-2019	Italiane Maturity date: 09-07-20)26 Tenor: 7 years	Date: 08/07/2019	
Issuer Name	Ferrovie dello Stato Italiane	Amount Issued	EUR700m/USD788m	
Country of risk	Italy	CBI Database	Included	
Issuer Type ¹	Government-backed entity	Bond Type	Use of Proceeds	
Green Bond Framework	<u>Link to Framework</u>	Second party opinion	Second Party Opinion	
Certification Standard	Climate Bonds Standard V2.1, as well as Sector Criteria for: • Low Carbon Transport	Assurance report	Pre-Issuance Verification	
Certification Verifier	Sustainalytics	Green bond rating	N/A	
Use of Proceeds				
□ Energy	 □ Solar □ Onshore wind □ Offshore wind □ Geothermal □ Hydro □ Tidal 	 ☐ Biofuels ☐ Bioenergy ☐ Waste to energy ☐ District heating ☐ Electricity grid 	 □ Energy storage □ Energy performance □ Infrastructure □ Industry: components □ Adaptation & resilience 	
□ Buildings	☐ Certified Buildings☐ HVAC systems☐ Energy performance	☐ Water performance☐ Energy storage/meters☐ Other energy related	☐ Industry: components ☐ Adaptation & resilience	
⊠ Transport	 ☐ Electric vehicles ☐ Low emission vehicles ☐ Bus rapid transit ☒ Passenger trains ☐ Urban rail 	☑ Freight rolling stock☐ Coach / public bus☐ Bicycle infrastructure☐ Energy performance	☐ Transport logistics☐ Infrastructure☐ Industry: components☐ Adaptation & resilience	
☐ Water & wastewater	☐ Water distribution☐ Water treatment☐ Wastewater treatment☐ Water storage	 □ Storm water mgmt □ Flood protection □ Desalinisation plants □ Erosion control □ Energy performance 	☐ Infrastructure☐ Industry: components☐ Adaptation & resilience	















☐ Waste management	☐ Recycling☐ Waste prevention☐ Pollution control	□ Landfill, energy capture□ Energy performance□ Infrastructure	☐ Industry: components ☐ Adaptation & resilience	
☐ Land use & agriculture	☐ Afforestation/parks☐ FSC Forestry☐ FSC Cellulose & paper	☐ Land remediation☐ Energy/water efficiency	☐ Sustainable agriculture☐ Adaptation & resilience	
☐ Other	☐ Adaptation & resilience	□ ІСТ	☐ Industry: process	
Issue details				
Reporting	FS will provide annual public reports on the green bond. The reports will include the numbers of trains financed by the proceeds, and quantitative impact indicators such as the estimated electricity saved, and the corresponding amount of avoided CO ₂ emissions. The reports will be included in the annual sustainability reports.			
Company information	FS is a state-owned company, which owns and manages the national rail infrastructure across Italy. It wholly owns Trenitalia, which is the national operator of both regional and long - distance trains. FS estimates that it operates 9000 trains per day and carries 600 million passengers per year, as well as 23 billion ton-km of freight traffic. In 2017, FS estimated that its rail network consumed an amount of electricity that is similar to the consumption of an Italian province, Umbria, or 1.3 million average UK detached houses. FS notes that they are one of the largest consumers of electricity in Italy and has a strategy to reduce this consumption. Part of this strategy includes replacing its trains with more energy efficient models. In December 2017, FS issued their first green bond of EUR 600m. Around half of the orders came from institutional investors with sustainability commitments. The issuance received much interest and achieved a coupon of 0.875%, which was the lowest coupon ever obtained by FS.			
Firsts, records and certifications	This is the first Certified Climate Bond to be issued in Italy. This is the second national rail network in Europe to issue Certified Climate Bonds.			
Proceeds description	refficient compared to the train 2019, and the replacement profession of the ETR 1000 is the fastest long fastest in Europe. They operate Hitachi and Bombardier. They approximately 500. They emit to be professional to the train 2019, and the replacement professional to the train 2019, and the replacement professional to the train 2019. They approximately 500. They emit to be professional trains to be professional trains to be professional trains to be professional trains are some professional trains to be professional trains are some professional trains to be professional trains are some p	uble deck regional trains and up of the body and up of the body and trains and up of the body assengers and may travel at speed ove passenger comfort and will body as which they replace. The new trains	to 600 may be procured, mainly whilst Rock is built by Hitachi. It is do f up to 160km/h. They will be up to 30% more energy ains began entering service in the trains are manufactured by assenger capacities of trains which they replaced.	















	FS sees that this upgrade of its electric train fleet encourages passengers and freight to be carried on its network. Therefore, CO_2 emissions from road transport may be reduced.		
Climate Bonds view	A massive modal shift of passengers and freight from fossil fuel powered individual vehicles to a fully electrified rail network is a very essential part of the low carbon transition.		
Underwriters	Banca IMI (Gruppo Intesa Sanpaolo), BNP Paribas, CITI, Crédit Agricole CIB, UniCredit acted as Joint Lead Managers and Joint Bookrunners.		
Deal comments			
Credit Rating	BBB (S&P, Fitch)		
Pricing summary	Coupon at 1.125%, with a final spread set at mid swap +128 basis points; equivalent to 16 basis points under the BTP duration equivalent, at the books' closing.		
Investors summary	The robust demand exceeded the offer by 3.5 times, with total orders of around 2.5 billion euro from 156 investors, of which 65% from abroad, largely from France (36%), Germany/Austria (8%) and UK/Ireland (7%).		
	Around 47% of the orders came from SRI investors. The main investors are fund managers and insurance companies (60% of the final allocation).		

¹ Issuer categories: ABS, development bank, financial corporate, government-backed entity, loan, local government, non-financial corporate, sovereign









