

Green Bond Fact Sheet

ESB		Date: 18/06/2019	
Issue date: 11-06-2019 Maturity date: 11-06-2030 Tenor: 11			
Issuer Name	ESB	Amount Issued	EUR500 (USD566m)
Country of risk	Ireland	CBI Database	Included
Issuer Type ¹	Government-backed entity	Bond Type	Senior unsecured
Green Bond Framework	Link to framework	Second party opinion	Sustainalytics
Certification Standard	Not certified	Assurance report	N/A
Certification Verifier	N/A	Green bond rating	N/A
Use of Proceeds			
<input checked="" type="checkbox"/> Energy	<input checked="" type="checkbox"/> Solar <input checked="" type="checkbox"/> Onshore wind <input type="checkbox"/> Offshore wind <input type="checkbox"/> Geothermal <input type="checkbox"/> Hydro	<input type="checkbox"/> Tidal <input type="checkbox"/> Biofuels <input type="checkbox"/> Bioenergy <input type="checkbox"/> District heating <input checked="" type="checkbox"/> Electricity grid	<input type="checkbox"/> Energy storage <input checked="" type="checkbox"/> Energy performance <input checked="" type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input checked="" type="checkbox"/> Buildings	<input checked="" type="checkbox"/> Certified Buildings <input type="checkbox"/> HVAC systems <input checked="" type="checkbox"/> Energy performance	<input type="checkbox"/> Water performance <input checked="" type="checkbox"/> Energy storage/meters <input checked="" type="checkbox"/> Other energy related	<input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input checked="" type="checkbox"/> Transport	<input checked="" type="checkbox"/> Electric vehicles <input type="checkbox"/> Low emission vehicles <input type="checkbox"/> Bus rapid transit <input type="checkbox"/> Passenger trains <input type="checkbox"/> Urban rail	<input type="checkbox"/> Freight rolling stock <input type="checkbox"/> Coach / public bus <input type="checkbox"/> Bicycle infrastructure <input type="checkbox"/> Energy performance	<input type="checkbox"/> Transport logistics <input checked="" type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Water & wastewater	<input type="checkbox"/> Water distribution <input type="checkbox"/> Water treatment <input type="checkbox"/> Wastewater treatment <input type="checkbox"/> Water storage	<input type="checkbox"/> Storm water mgmt <input type="checkbox"/> Flood protection <input type="checkbox"/> Desalination plants <input type="checkbox"/> Erosion control <input type="checkbox"/> Energy performance	<input type="checkbox"/> Infrastructure <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience
<input type="checkbox"/> Waste management	<input type="checkbox"/> Recycling <input type="checkbox"/> Waste prevention <input type="checkbox"/> Pollution control	<input type="checkbox"/> Landfill, energy capture <input type="checkbox"/> Energy performance <input type="checkbox"/> Infrastructure	<input type="checkbox"/> Waste to energy <input type="checkbox"/> Industry: components <input type="checkbox"/> Adaptation & resilience

<input type="checkbox"/> Land use & agriculture	<input type="checkbox"/> Afforestation/parks <input type="checkbox"/> Land remediation <input type="checkbox"/> Sustainable agriculture <input type="checkbox"/> FSC Forestry <input type="checkbox"/> Energy/water efficiency <input type="checkbox"/> Adaptation & resilience <input type="checkbox"/> FSC Cellulose & paper
<input type="checkbox"/> Other	<input type="checkbox"/> Adaptation & resilience <input type="checkbox"/> ICT <input type="checkbox"/> Industry: process
Issue details	
Reporting	ESB commits to producing, at least annually, an allocation and impact report either as a stand-alone dedicated report or integrated into ESB's existing annual sustainability report, which will be made available via the company's website.
Company information	ESB is an integrated energy company that engages in the production, transmission, distribution and supply of electricity in the Republic of Ireland, Northern Ireland and other parts of the UK. The company produces energy through different sources, including both fossil fuel sources and renewables. Moreover, ESB has expanded its business activities to new areas, including the installation of electric vehicle public charging points and providing telecommunication services for mobile and wireless operators. The Government of Ireland owns 95% of ESB.
Firsts, records and certifications	First issuance from Ireland in 2019, as well as the first ever from an Irish government-backed entity. It is the first bond from Ireland to specifically target electric vehicles and their surrounding infrastructure. It is also the first benchmark-sized deal from Ireland, excluding last year's sovereign.
Proceeds description	To finance/refinance, in whole or in part, existing and future projects that will provide a positive environmental impact, such as mitigating and reducing GHG emissions and generating renewable energy. The Framework defines eligibility criteria in four areas: <ol style="list-style-type: none"> 1. Renewable Energy – wind and solar projects, as well as infrastructure (e.g. transmission) to connect new renewable sources to the grid 2. Energy Efficiency – mainly in buildings (solutions including smart metering and other technologies designed to manage/reduce demand, as well as projects designed to improve the energy efficiency of ESB's commercial buildings), and some in energy (upgrade of power transmission infrastructure to improve efficiency/reduce transmission losses) 3. Clean Transportation – electric vehicles and infrastructure to increase their penetration 4. Green Buildings - certified buildings
Climate Bonds view	<p>As part of the EU, Ireland has several targets related to renewable energy, including 40% of production, 12% of heat production and 10% clean transportation by 2020. In April 2019, it also increased its target for renewable electricity by 2030 from 55% to 70% (it is currently close to 30%). ESB's other market (the UK) has also set emissions target for the coming decades. We therefore view ESB's green investments favourably and believe they will help Ireland and the UK reach their targets.</p> <p>This is also only the third green bond to be issued in Ireland, and the first from a government-backed entity. We hope this issuance will spur other Irish state-owned enterprises, as well as other issuer types, to raise funds via green bonds.</p>
Underwriters	BBVA, Danske Bank, JPM, SocGen
Deal comments	
Credit Rating	

Pricing summary	1.125% coupon
Investors summary	Heavily over-subscribed. Purchased primarily by European institutional investors, with orders received of over EUR4bn. This enabled ESB to price the bond at 1.125%, its lowest ever coupon for a senior bond, with strong participation of socially responsible investors from different countries.

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