

Green Bond Roadshow Presentation

10th & 11th January 2022 www.esb.ie/ir



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ESB Team





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Financial Review
Strategy Update
& ESG









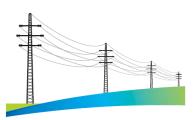
Overview of ESB





- Established 1927 leading Irish diversified and vertically integrated utility
- C. 96% Government-owned
- Operating in Ireland and Great Britain
- Strategy is to deliver a Brighter future, net zero by 2040

REGULATED NETWORKS



ESB NETWORKS

NIE NETWORKS

- Owner of the Regulated ROI & NI transmission & distribution networks contributing 73%* of Group EBITDA and Group Assets
- Strategic focus is to enable the connection of increased renewable and distribute generation
- ESB Networks PR5 aligns with Climate Action Plan

GENERATION



GENERATION & TRADING

- 19%* of EBITDA and 18%* of Group Assets
- Strategic focus is to transition the generation portfolio to low carbon technologies

CUSTOMER SOLUTIONS



ELECTRIC IRELAND

ESB ENERGY

- 6%* EBITDA
- Strategic focus is to meet customer energy needs through value driven solutions at appropriate margins

*31 December 2020

2021 Highlights



- ESB delivered improved financial results for H1 2021 as it continues its transition to a low carbon energy future
- EBITDA €742 million; Operating Profit (before exceptional items) €363 million; Capex €435 million; Gearing 51%
 - Exceptional items: Net €24 million charge; €106 million impairment of Neart na Gaoithe (offshore wind) offset by €82 million gain on disposal of 47% stake in Tilbury waste energy project
- Easing of **COVID-19** restrictions: recovery of electricity demand and capital work programmes.
- **Networks:** Regulated Networks Businesses in Ireland contributed over 70% of Group EBITDA supported by established and transparent regulatory frameworks.
- **Generation & Trading:** Continuing investment in low carbon renewable generation (including announcement of Green Atlantic) with a market share of 29%*.
- Customer Solutions (including Electric Ireland): Competing effectively with an Irish market share of 34%.*
- Strong Liquidity position of €1.7 billion at 30 June 2021; Credit ratings reaffirmed A- (stable) / A3 (stable) (S&P/Moodys)
- Strategy refreshed in December 2021 increasing the ambition in respect of decarbonisation targets and a net zero commitment.
- Climate Action Progress: ESB strategy is aligned with the Irish Government's Climate Action Plan which is targeting significant increases in renewables and the electrification of heat and transport.
- Paddy Hayes succeeded Pat O'Doherty as Chief Executive. Paddy was previously MD of ESB Networks and joined ESB in 1999.







*31 December 2020

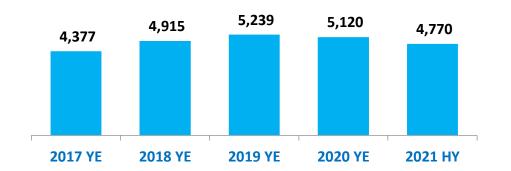
Financial Overview



EBITDA (€m)



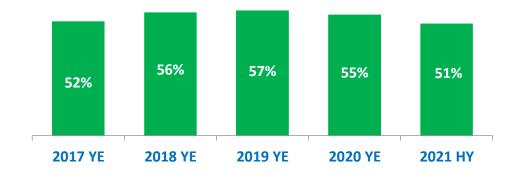
Net Debt (€m)



Capital Expenditure (€m)*



Gearing (%)





ESB Strategy — Making a Difference, ESB Strategy for a Brighter Future - Net Zero by 2040



ESB Strategy

- ESB Board approved strategy refresh in Q4 2021:
 - Net Zero target in place (by 2040)
 - Increased ambition in decarbonisation targets:
 - Networks to enable electrification
 - Increased Renewable GW ambition
 - Steeper reduction in carbon intensity
- Strategic Objectives align with UN SDGs
- Investment Focus Smart reliable networks & Low carbon generation
- Core markets Ireland & UK

Climate	Action	Plan	$(C\Delta P)$
Cilliate	Action	i idii (

- ESB Strategy is fully aligned with Government of Ireland CAP (2021)
 - > Target of 80% of electricity from renewable sources by 2030
 - > Targeting c. 1 million EV's by 2030
 - 600k heat pumps to be installed by 2030
- ESB critical role in delivery of the Governments CAP

Strategic Performance Indicators (SPIs)					
INDICATOR	METRIC	2020	2030 TARGET		
Renewable	GW	1GW	>5GW		
Generation					
Scale of Low-Carbon Energy	GW of Renewable	6.4 GW	>15GW		
Connected to our Networks	Connected				
Carbon Intensity of the	g CO ₂ /kWh	378g CO2/kWh	<140g CO2/kWh		
Electricity ESB Produce					
Networks Asset Base	€BN	€10 BN	~€16 BN		
(both ROI & NI)					
EVs and Heat Pumps	Millions	0.1	2 M		
connected Networks					
Home	K	0	35 K		
Retrofits					
Share of ESB Generation net	%	~20%	63%		
zero					



How ESB is Leading the Transition



Generation & Trading:

- 1 GW of renewable generation in operation
- Offshore:
 - In Operation: 12.5% stake in 353MW Galloper (GB) Offshore wind farm
 - In Construction: ongoing on the 448MW Neart na Gaoithe (GB) offshore wind project
 - In Development: 370MW Oriel (ROI) and 1,080MW Inch Cape Offshore Wind (GB)
- Onshore: Joint ventures with Bord na Mona (83MW Oweninny 2) and Coillte (1 GW of projects)
- Announcement of "Green Atlantic" transformation of the Moneypoint coal site into a Green energy hub

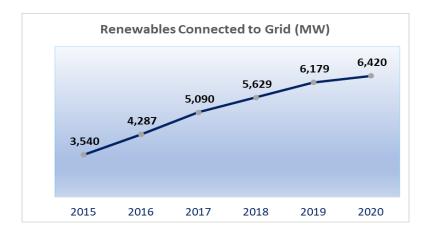
Networks:

- ESB Networks Price Review 5 (2021-2025) aligned with Ireland's Climate Action Plan
- National Smart Metering Programme (NSMP) rollout continues over 600k now installed
- 6.4 GW of renewable generation connected to the national grid (All-Island)

Customer Solutions:

- Electric Vehicle (EV) infrastructure upgrade continues
- 100% green tariffs offerings
- Joint Venture "Electric Ireland Super Homes" with TEA to deep retrofit 35k homes by 2030



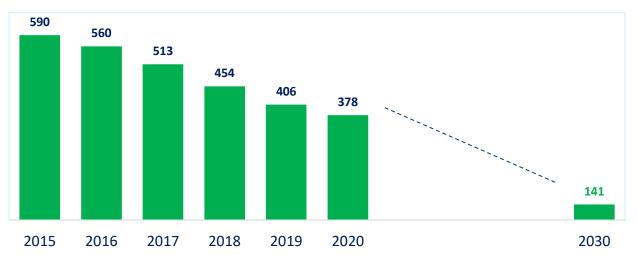


ESG Commitment, Progress & Reporting



- Annual Sustainability Report
- 2020 increased climate disclosures, aligned with GRI standards
- Preparation for EU Taxonomy reporting underway
- ESB has committed to put Science based targets in place (2022)
- Carbon intensity* in 2020 of 378 g/kWh (44% improvement since 2005)
- Green Bond Framework in place with Second Party Opinion

Carbon Intensity (g/kWh)



CDP SCORE REPORT - CLIMATE CHANGE 2021



ESB Group

Region Europe

Country Ireland

Questionnaire Electric utilities

Activity Group Thermal power generation

The CDP Score Report allows companies to understand their score and indicate which categories require attention to reach higher scoring levels. This enables companies to progress towards environmental stewardship through benchmarking and comparison with peers, in order to continuously improve their climate governance. Investors will additionally receive a copy of the CDP Score Report upon request. For further feedback please contact your account manager or your key CDP contact.

Your CDP score

A-







Thermal power generation

Europe

Global Average

- Gender pay gap and human rights assessment published
- Modern Slavery statement published annually (includes supply chain focus)
- Established Social & Community Purpose supports

https://esb.ie/tns/brighter-future/sustainability-in-esb

*reported annually 13



Green Bond Framework



Green Bond Framework



- ESB's Green Bond Framework established in May 2019 with SPO* from Sustainalytics
- In June 2019 ESB issued a €500m 2030 Green Bond under this Framework, tapping the Bond again in July 2020 increasing the bond size by €200m to €700m

https://esb.ie/investor-relations/debt/green-financing



USE OF PROCEEDS

- Net proceeds from bond will be used to finance Eligible Green Projects
- Funds allocated to relevant spend in last 24 months or in next 24 months
- <u>Exclusions</u>: Power generation project wholly or partly powered by fossil fuels or nuclear power

EVALUATION & SELECTION

- A dedicated Green Finance Committee has been created to ensure compliance with the Green Bond Framework and oversee the entire issuance process
- The Committee will review proposed projects with respect to the Eligibility Criteria

MANAGEMENT OF PROCEEDS

- In accordance with the evaluation and selection process an amount equal to the Green Bond net proceeds will be allocated to Eligible Green projects
- Unallocated proceeds will be held in cash or cash equivalent

REPORTING

- ESB will produce an Allocation & Impact Report at least annually until full allocations of the Green Bond proceeds
- Reports on ESB website:

Green Financing (esb.ie)

^{* &}quot;The ESB Green Bond Framework is robust, transparent, and in alignment with the Green Bond Principles 2018." Sustainalytics 2019

Green Bond Framework – Use of Proceeds



Eligible Project C		Examples of Potential Projects	Example Impact reporting	Relevant SDG
Renewable Energy		 Renewable power - Wind and Solar Infrastructure required to connect renewables to the grid 	MW of renewables connected	9 INDUSTRY INNOVATION 13 CLIMATE ACTION
Energy Efficiency		 Energy efficiency solutions including smart metering and other technologies designed to manage/reduce demand 	 Number of smart meters installed Number of customers using smart meters Annual energy savings Capacity of energy storage facilities installed Estimated annual GHG emissions avoided / reduced 	9 NOUSTRY, INNOVATION 11 SUSTAINABLE COMMUNITY AND COMMUNITY ADDRESS OF THE PROPERTY OF THE PR
Clean Transportation	(Electric VehiclesInfrastructure to facilitate EV penetration	 Number of EV charging points installed or upgraded Number of EV's in ESB Fleet 	11 SUSTAINABLE CITIES AND COMMUNITIES
Green Buildings		 Green Certified Sustainable Buildings 	 Annual energy savings Certification (BREEAM) Estimated annual GHG emissions avoided / reduced 	11 SUSTAINABLE CITIES AND COMMUNITIES

Green Bond Framework – Project Evaluation and Selection



Framework Second Party Opinion

Annual Report until Full Allocation

Green Bond Framework

Board Approved Strategy

Green Finance Committee

Eligible Projects
Proposed by Business Units
Eligibility Criteria
Environmental Risk Process

Green Bond Allocation

Used to finance Eligible Projects

Management of Proceeds / Reporting



Management of Proceeds

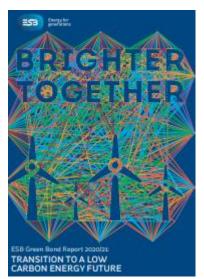
- Green Bond net proceeds to be allocated to Eligible Green projects
- Full allocation to Eligible Projects is expected within 2 years of the Green Bond issuance
- A register and internal controls are in place to track the net proceeds on Eligible Green Projects and this will be reported to the Green Finance Committee
- ESB will maintain a minimum level of cash or cash equivalents to the unallocated funds of the Green Bond.
- During the life of the issued Green Bond, if the Eligible Projects are sold, cease to fulfil the Eligibility Criteria, or determined incompatible with the environmental objectives of the Green Bond Framework, the proceeds will be re-allocated to replacement Eligible Projects that comply with the Eligibility Criteria, as soon as reasonably practicable.

Allocation & Impact Reporting

- Allocation and Impact Report will produced annually
- ually

- Annual Report will cover
 - Total Funds distributed per eligible category
 - Total Funds used for re-financing or allocated to newly financed projects
 - Amount unallocated

Green Financing (esb.ie)





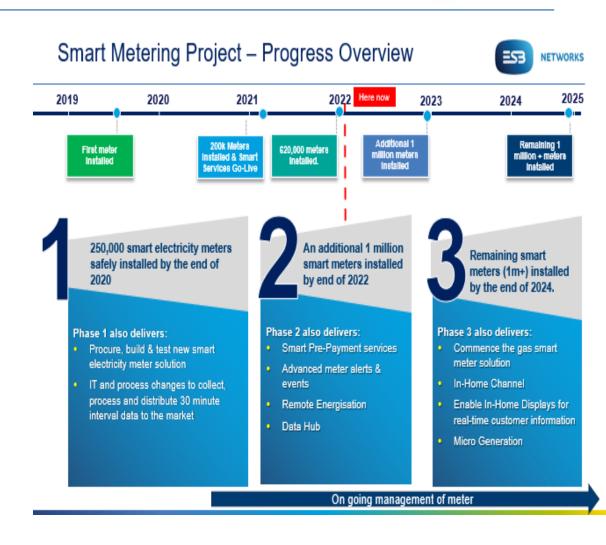
GREEN BOND PROJECTS



Energy Efficiency Solutions – Smart Meters



- The National Smart Meter Programme in the Republic of Ireland had installed over 600,000 smart electricity meters at the end of 2021
- This included a major IT investment that has enabled Suppliers offer new time of use tariffs since the end of February 2021
- Phase 2 of the project has started that will see further IT enhancements delivered by the end of 2023
- 2.3 million meters are due to be installed by 2025 over the three phases of the Programme



Renewable Energy (Offshore Wind) – Neart na Gaoithe Windfarm



- Neart na Gaoithe (NnG) is a wind farm currently under construction off the East Coast of Scotland
- In 2019 ESB bought a 50% stake in the project from EDF Renewables, ESB's joint venture partner in the development
- The wind farm is expected to be approximately 448MW in capacity and have up to 54 turbines
- NnG is expected to provide power for around 375,000 homes and offset more than 400,00 tonnes of CO₂ emissions
- Construction began in 2020 with commissioning expected in 2024







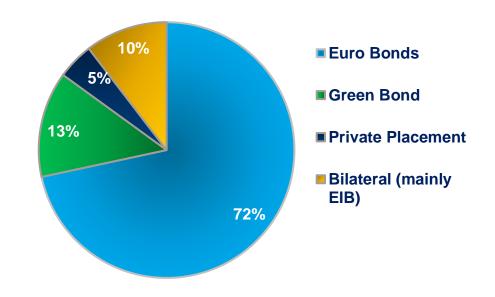


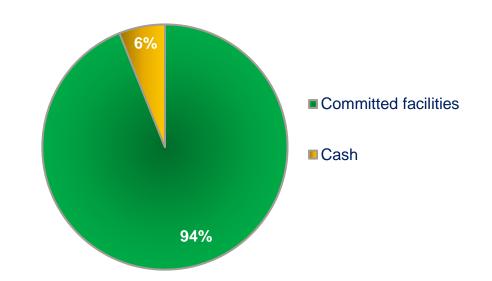
ESB Group Debt – Diversified Funding Liquidity



Group Debt 30 June 2021 - €5.2 billion

Available Liquidity 30 June 2021 - €1.7 billion



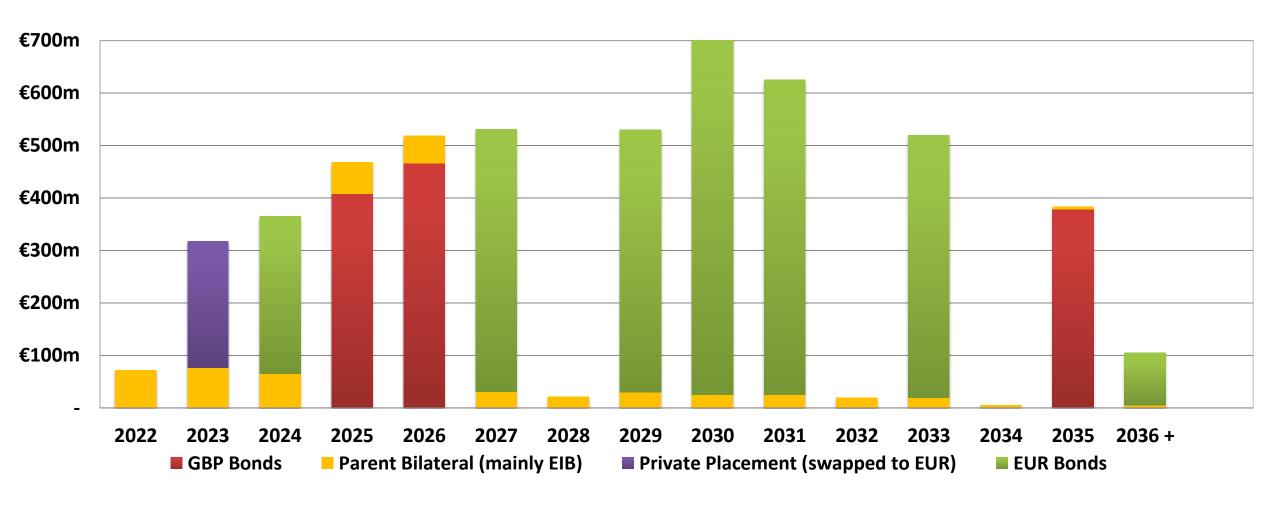


RPI Swap Portfolio (GBP £550m) refinancing – April
 2021

• €1.4 billion Sustainability linked RCF with 14 banks (Feb 2026)

Debt Repayment Profile





Note: Excludes Joint Venture Debt

Proposed Transaction Terms and Conditions



Issuer:	ESB Finance DAC	
Guarantor:	Electricity Supply Board	
Expected Issue Ratings:	Moody's: A3, S&P: A-	
Format:	Senior, Unsecured, Green, Reg S, Bearer, NGN	
Currency:	EUR	
Tenor:	[12.5yr]	
Size:	€500m (expected)	
Documentation:	EMTN Programme dated 6 August 2021, and Supplemented 6 January 2022, CoC, 3m Par Call, MWC	
Denominations:	100k +1k	
Governing Law:	English Law	
Listing:	Euronext Dublin (Regulated Market)	
Use of Proceeds:	The Net Proceeds of the issuance will be applied exclusively to finance or refinance, in whole or in part, Green Projects which meet the Eligibility Criteria	
Joint Bookrunners:	BBVA, BNP Paribas, Danske Bank, J.P. Morgan, Société Générale	

ESB Credit Ratings



S&P Global

Ratings



(Stable Outlook)

Long Term Rating

MOODY'S
INVESTORS SERVICE

A3

(Stable Outlook)

Long Term Rating

Outlook & Summary







Outlook & Summary





Improved financial performance in H1 2021 with operating profit before exceptional items of €363 million and EBITDA of €742 million reflecting the recovery of electricity demand.



ESB's refreshed **strategy** will deliver a brighter future; creating & connecting sustainable, reliable, affordable energy and supporting the customers and communities we serve to achieve net zero.



Ongoing focus on strategy delivery while maintaining financial strength.

Key Credit Strengths



Leading Irish Energy Utility

- 96% IrishGovernment owned
- Markets —
 Ireland and
 Great Britain
- Owns all networks in ROI and NI
- Irish electricity
 market: 29% share
 of generation and 34%
 share of supply





Stable Business Profile

- Regulated electricity networks businesses in Ireland accounts for 73% of Group Assets of Group EBITDA at YE 2020
- Supported by established and transparent regulatory frameworks regarded as robust by credit rating agencies



Consistent Financial Performance

- Average EBITDA€1.3bn & Gearing54% (2016–2020)
- Diversified funding and strong liquidity position
- Credit ratings of A- and A3 (both stable)







Contacts





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