





THANKS TO OUR SPONSORS



PWM UK Ltd



Welcome from
Billy Griffin,
Dublin Chapter
Chair



Kight
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BITA Intl

PEOPLE WHO KNOW PEOPLE THAT HELP PEOPLE.



circet
Ireland & UK



Kight
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PWM UK Ltd



INTRODUCTION
FROM PAUL
WHITNELL
BITA PRESIDENT

BITA CONSTRUCTION

- Four Construction Networking Lunches per year
- Thriving Construction Community:
 - Creating BITA Supply Chains
 - Successfully lobbying government to address the skills and labour shortage
 - Currently lobbying on tachographs

Over the last 10 years, BITA has created a community for the construction industry, generating work, business growth, and genuine friendships.



**MICHAEL DANAHER
CHAIRMAN OF BITA RAIL**

BITA RAIL DIVISION

- Sharing better practice
- Sharing capital knowledge
- Providing a platform for lobbying
- Building a network for the Rail Industry, with regular events
- Demonstrating compliance
- Providing frameworks for tendering

The logo for Circet Ireland & UK. It features the word "circet" in a bold, black, lowercase sans-serif font. Above the letter "i" in "circet" are three curved lines representing a signal or Wi-Fi icon. Below "circet" is the text "Ireland & UK" in a bold, orange, italicized sans-serif font.

circet
Ireland & UK



26th April, 2024

London Chapter Construction Networking Lunch

Royal Horseguards Hotel,
SW1A 2EJ



BITA *Gala Ball and* Awards Ceremony

Saturday 19th October 2024

Raffles, Whitehall



In aid of:





EMER O'NEILL,
CHIEF EXECUTIVE &
CLINICAL OFFICER
OF CARI



INTRODUCTION TO CARI

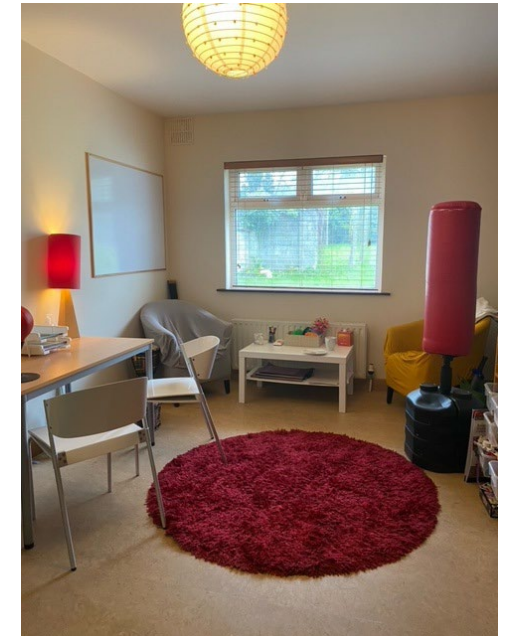


CARI is the only specialized service across the Republic of Ireland supporting children from 3 years up to 18 years and their families affected by child sexual abuse

CARI also provides therapy to children, up to (and including) twelve-year-old’s who present with sexually harmful behaviors.

35 years in Ireland

Dublin, Limerick and outreach in Wexford.



CARI SERVICE'S

Support

- Information
- Listening
- Signposting.
- Parents/carers are offered
- Advice appointments
- Parenting support sessions
- phone, online or face to face

Therapy

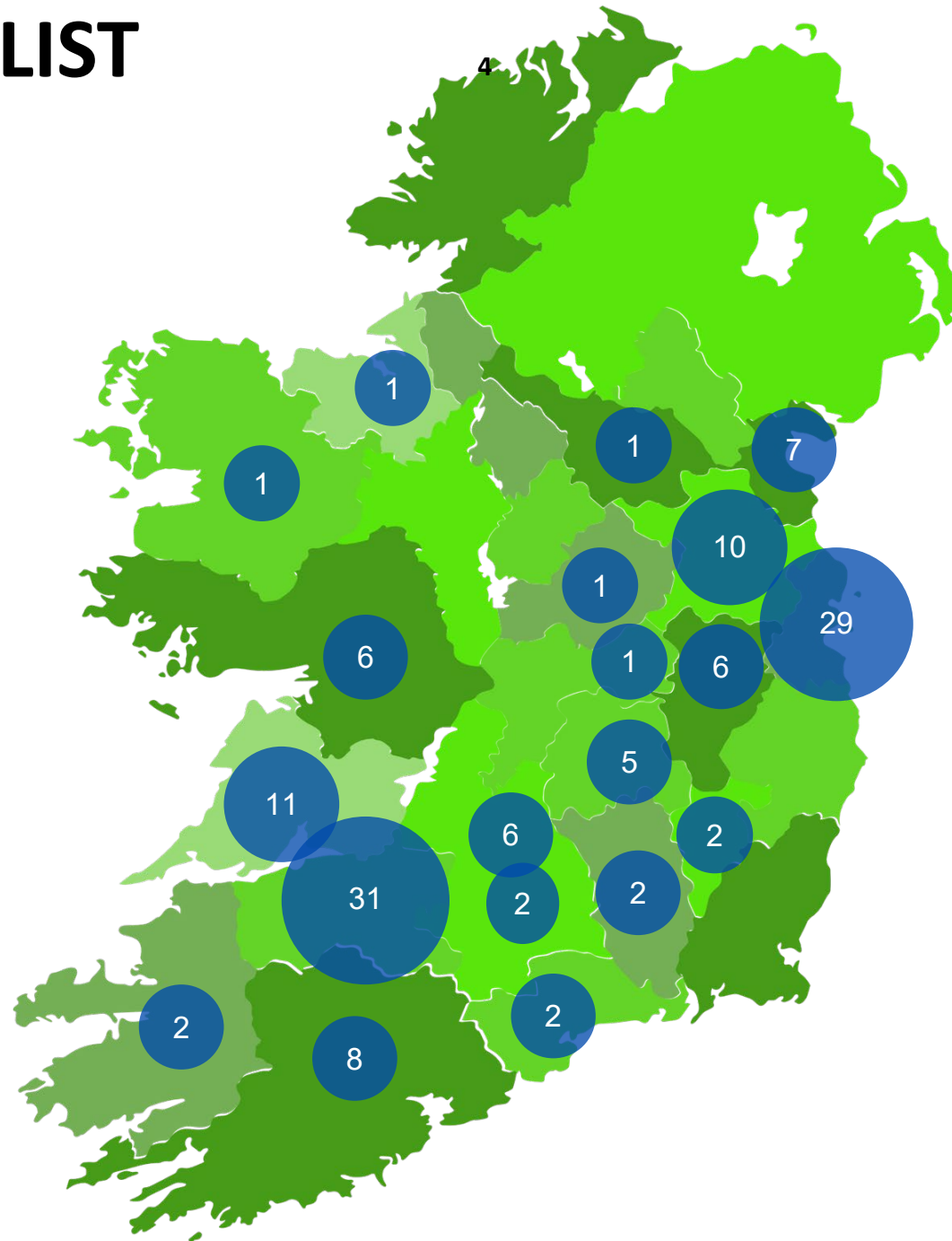
- Child/teenager and parent
- 46 sessions yearly
- Groups for Teenagers
- Safe environment
- Feelings explored
- Play, music, art, talking



CARI WAITING LIST



Average waiting time
3 Years



County	Children
Cavan	1
Carlow	2
Clare	11
Cork	8
Dublin	29
Galway	6
Kerry	2
Kildare	6
Kilkenny	2
Laois	5
Limerick	31
Louth	7
Mayo	1
Meath	10
Offaly	1
Sligo	1
Tipperary (North)	6
Tipperary (South)	2
Waterford	2
Westmeath	1
Total	134



Child Sexual Abuse in Ireland

3,926 of TUSLA primary referrals were for sexual abuse in 2022.

There is some debate over whether it is One in Four or One in Five, that are abused.

The question we ask often is, “How many go unreported?”

IMPACT:



- **Child:**
Feelings of shame and guilt.
Feeling unsafe
- **Family:**
Parents question ability to parent
Unsure how to respond
- **Impacts short and long term:**

Up to 90% of abuse victims can develop some form of mental illness by age 18

Suicidal ideation and self-harm is significant amongst people who have been abused

Physical health, relationship, substance abuse, violent and criminal behaviors.





THERAPY HELPS:



- Regulates and emotional release.
- Communication- learn to talk about the hard to talk about thing, verbalize feelings.
- **Most importantly it helps heal hurt, stop's silence and gives a voice.**





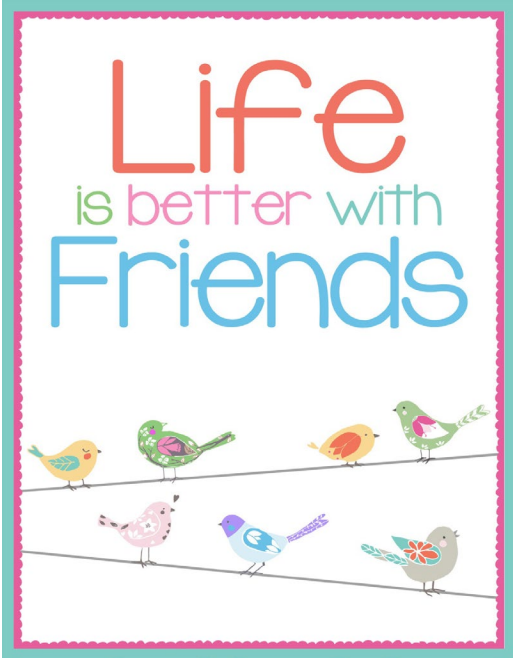
CARI Challenges:

- Funding, doors nearly closed in December 2023.
- Inability to meet demand for services- Waiting list average 3 years
- No equality of service- children travelling
- Fundraising challenges - topic/ covid/profile/cost of living

SUPPORT US BY:



Charity Partner
Making a difference together



Thank you!



INTRODUCING OUR SPONSOR



PWM UK Ltd

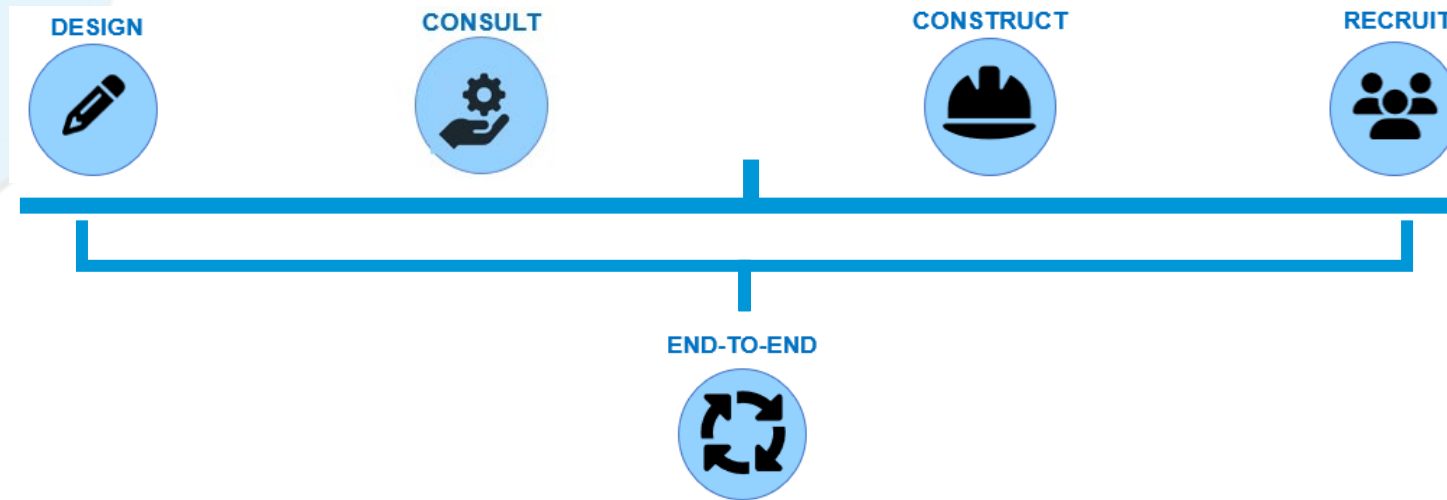


PWMLUK

REDEFINING MOBILE TRANSPORT INFRASTRUCTURE SERVICE SOLUTIONS

Our mission is to provide exceptional infrastructure turnkey solutions that transform visions into reality, driven by integrity, innovation, and a commitment to sustainability, with safety and compliance at our core

Services:



Sectors:



Rail



Highways



Aviation



Ports




Integrated Transport

INTRODUCING OUR SPONSOR



Kight
Off Grid



GREEN ENERGY LIGHTING
& ENERGY GENERATION
SOLUTIONS

Kight
Off Grid

KIGHT TECHNOLOGY



Efficient LED Lantern

Requires very low energy, produces 2200 lumen.



Dual Energy Input

Benefits from both solar & wind input to give 'dusk-to-dawn' lighting throughout the year.



Vertical Solar Array

Captures low levels of light and efficient in low sun conditions.



Advanced Battery Technology

Designed to meet the specific needs of our products. No loss of performance in cold/hot temperatures, 20+ year life cycle.



Smart Management System

Manages input from sun & wind. Multi-channel input & output.



Connectivity & Monitoring

Connected via private LoRa Wan network. Remotely monitored & adjustable.

OFF-GRID STREET LIGHTING SOLUTIONS (Model KV2)

The future of street lighting, fully off-grid, reliable all year round with no running costs and no emissions.

- Direct replacement for traditional on-grid street lighting
- Easy and quick to install with no infrastructure required
- Compliant to BS 5489
- P4 compliance up to 35m spacing
- Kight optic equivalent to CS1 2862
- Lantern options from 2.7K – 4K with range of colour options
- Dual energy input for maximum performance and all year-round reliability
- Fully monitored and controlled via private network
- Zero running costs, zero emissions
- Next generation battery technology with 20 year plus life span
- No loss of battery efficiency in sub-zero conditions



Questions?



BITA Intl

PEOPLE WHO KNOW PEOPLE THAT HELP PEOPLE.



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Ireland & UK



Iarnród Éireann
Irish Rail



JIM MEADE
CEO IRISH RAIL



01 - 90 101

10th April 2024

BITA Dublin

Jim Meade, Chief Executive





Our Network & Services



>5,000 Train
Services run weekly



Almost **1 million**
passengers carried weekly



670 Carriages
in our fleet

348,000 train km
weekly



4,600+ Employees

Departure
Howth
09.26

145 Stations served
countrywide

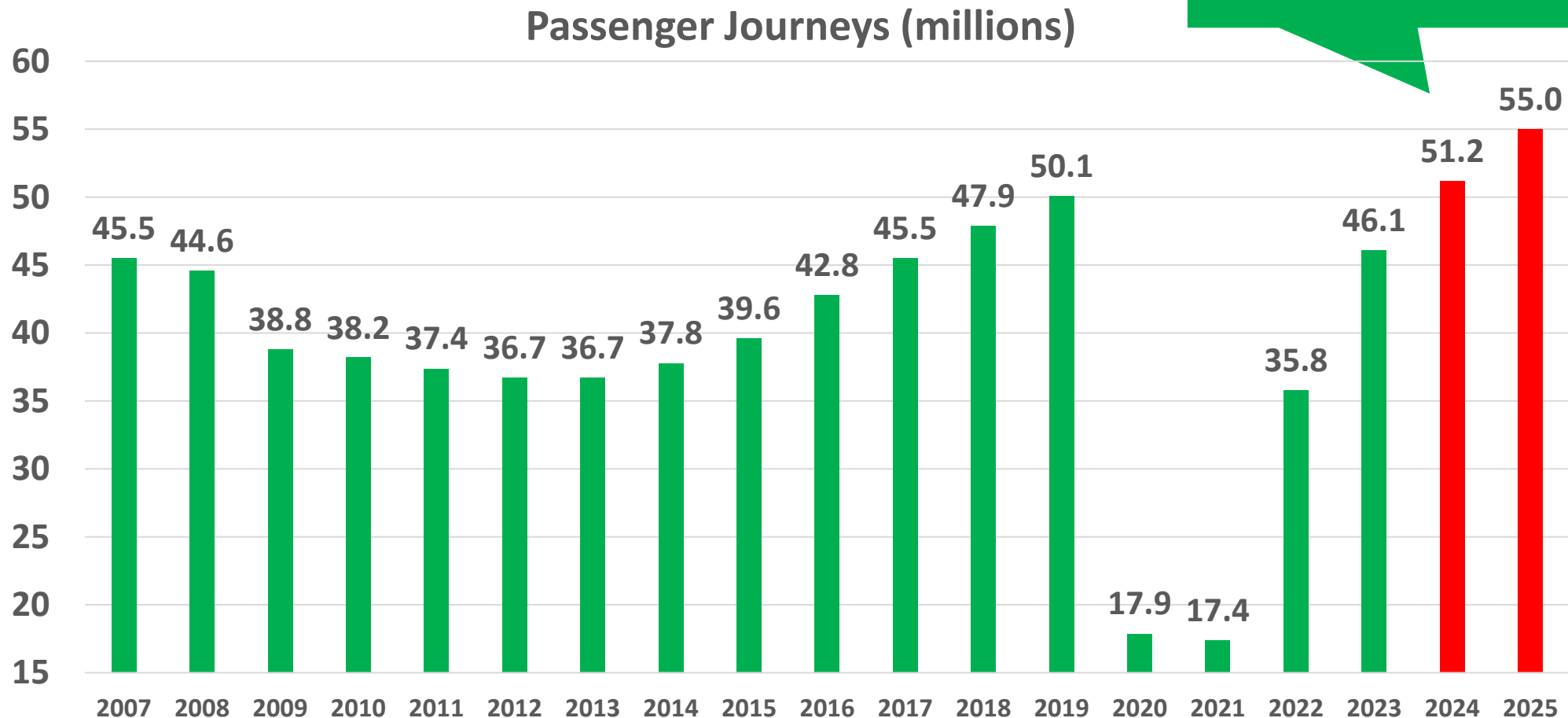


2,200 km in our
network



Demand – Past and Projections

We will overtake our pre-Covid levels during 2024



Passenger journeys broadly recovered across Intercity
DART & Commuter areas still recovering as a result of ongoing hybrid working

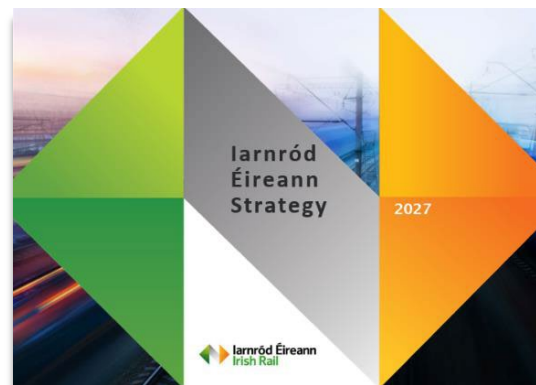


Iarnród Éireann Strategy



How will we deliver our goals?

Driven by an ambitious vision and set of short to medium term strategies, guiding the 'Decade of Delivery'





Projects 'at a glance'



- Iarnród Éireann
- Focus on the existing network, while including committed projects
- All markets considered
- Timeline to 2050

SYSTRA



DART+ PROGRAMME

Builds on existing strategies



All Island Rail Study

- Department of Transport (Ireland) and Department for Infrastructure (Northern Ireland)
- Focus on intercity, interregional and freight
- Existing, potential new and disused corridors
- Timeline to 2050



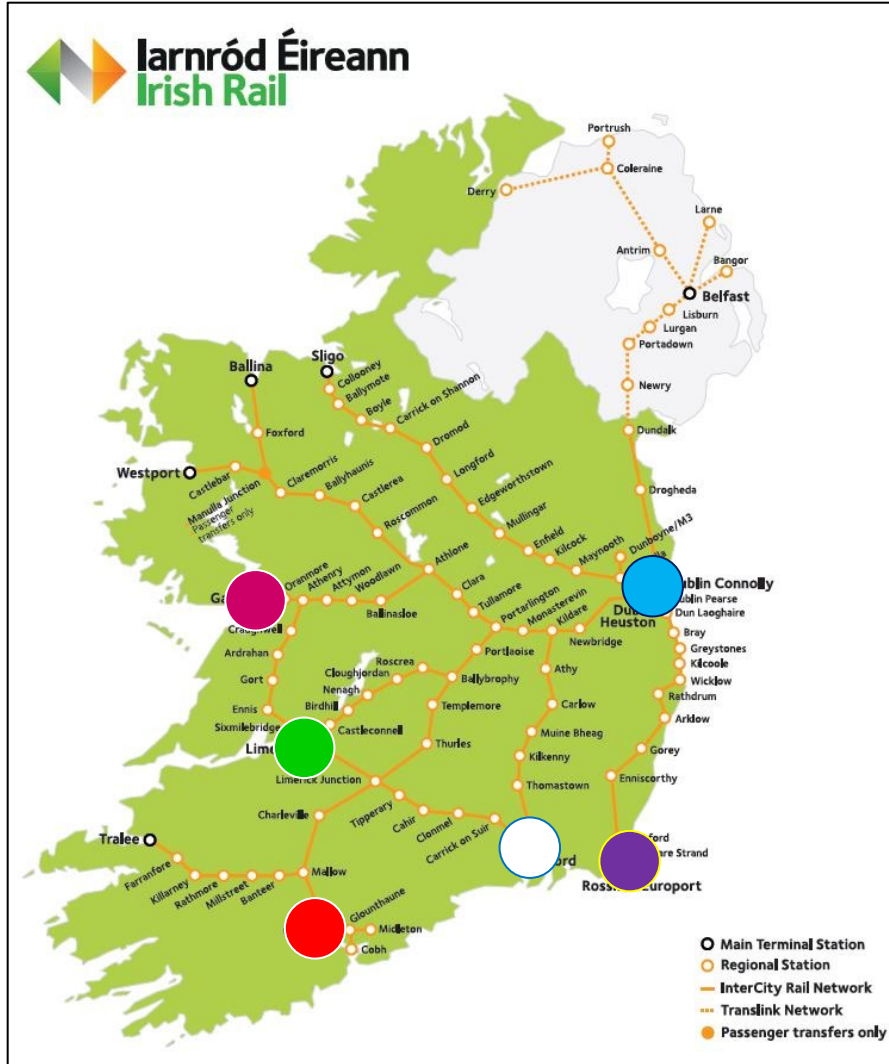
An Roinn Iompair
Department of Transport

Department for
Infrastructure
An Roinn
Bonneagair
www.infrastructure-ni.gov.uk

ARUP

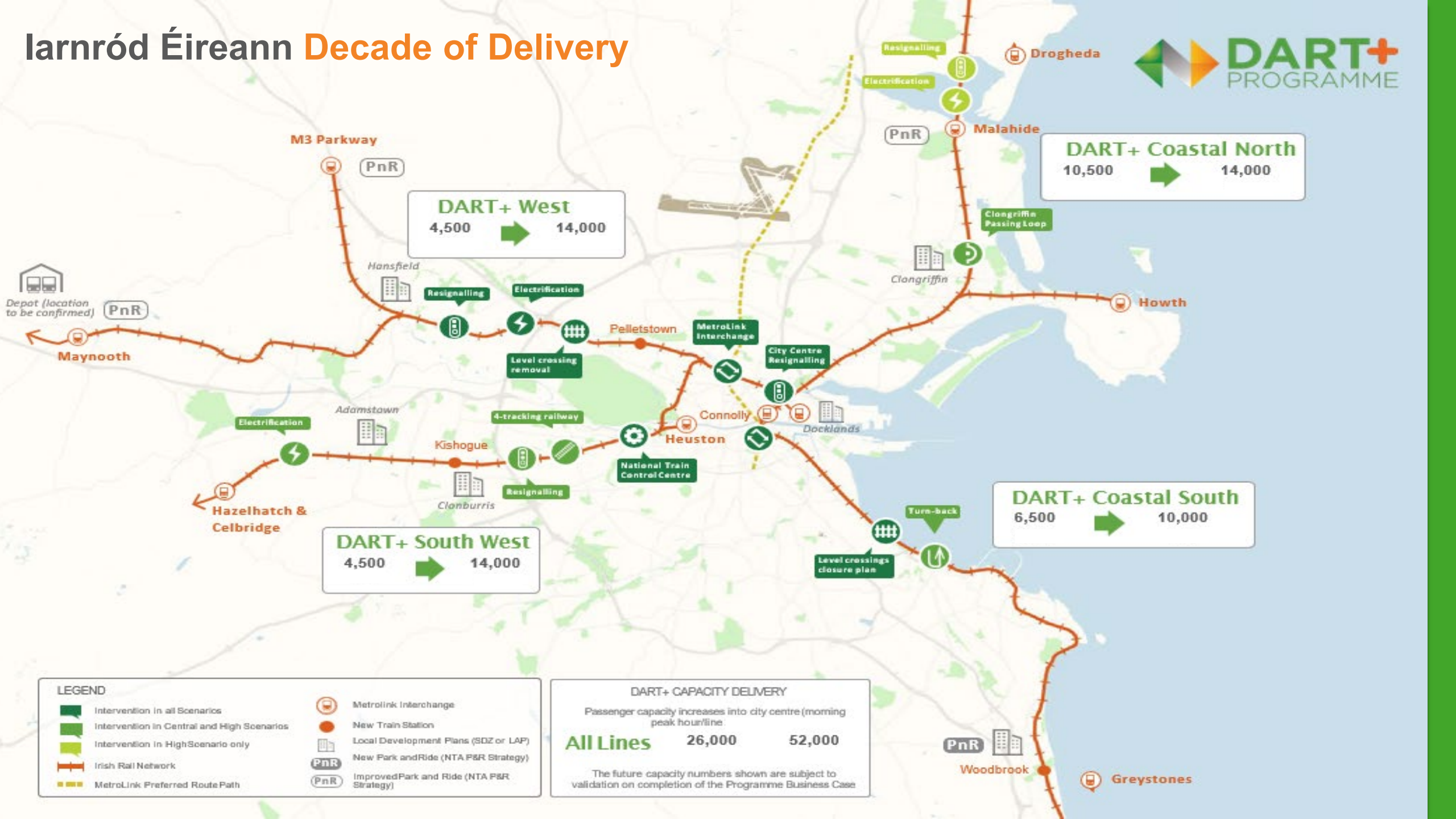


Current Capital Programme



Area	Major Capital Investment Projects
Dublin	DART + Programme / TPS D2G
Cork	Cork Area Commuter Rail Programme
Limerick	Foynes Line Phases 1 & 2 / Moyross Station / Lim – Lim Jct. Doubling
Galway	Ceannt Station Upgrade / Oranmore Station / Galway – Atheryn Doubling
Waterford	Waterford North Quays Project
Rosslare	Berth & Terminal Upgrades / ORE
Nationwide	Train Protection System / Rail Freight Strategy

Iarnród Éireann Decade of Delivery



DART+ West
4,500 → 14,000

DART+ Coastal North
10,500 → 14,000

DART+ South West
4,500 → 14,000

DART+ Coastal South
6,500 → 10,000

DART+ CAPACITY DELIVERY
Passenger capacity increases into city centre (morning peak hour/line).

All Lines	26,000	52,000
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The future capacity numbers shown are subject to validation on completion of the Programme Business Case

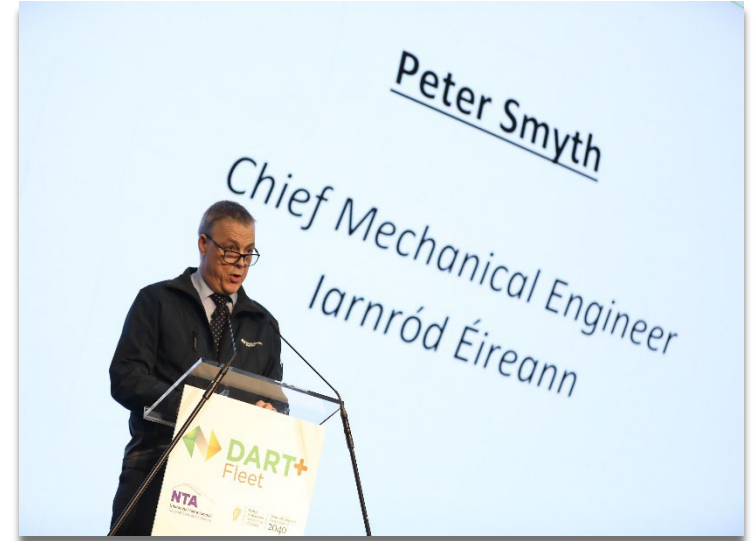
LEGEND

- Intervention in all Scenarios
- Intervention in Central and High Scenarios
- Intervention in High Scenario only
- Irish Rail Network
- MetroLink Preferred Route Path
- MetroLink Interchange
- New Train Station
- Local Development Plans (SDZ or LAP)
- New Park and Ride (NTA P&R Strategy)
- Improved Park and Ride (NTA P&R Strategy)



Building capacity through DART+ Fleet

'Fleet framework order signed with Alstom, representing the largest single investment in public transport ever for Ireland'





AISRR Background

Project Ireland 2040

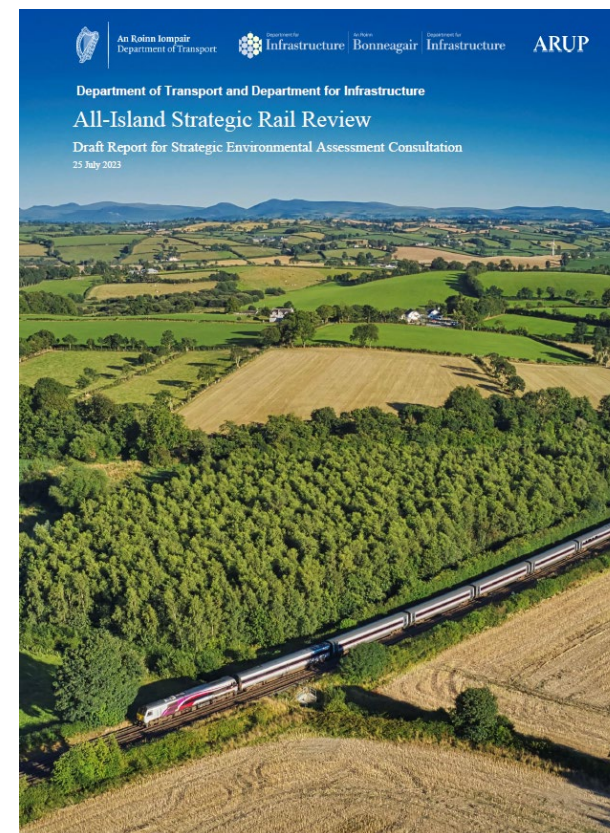
Rail Network

- Protect investment in existing inter-urban rail network
- A feasibility study of high speed rail between Dublin Belfast, Dublin Limerick Junction/Cork and an evaluation of its economic benefits against improvements to existing line speeds will also be carried out against relevant appraisal processes and value-for-money tests required under the Public Spending Code to commence within a year.

Launched April 2021

This Strategic Rail Review considers:

- how the rail network on the island of Ireland can improve sustainable connectivity between the major cities,
- enhance regional accessibility,
- supporting balanced regional development,
- consider the feasibility of higher speeds on the network, and
- whether there is a potential to increase use of the network for freight





Purpose of the AISRR

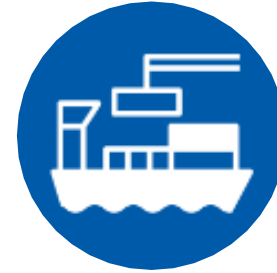
6 Goals and 13 objectives



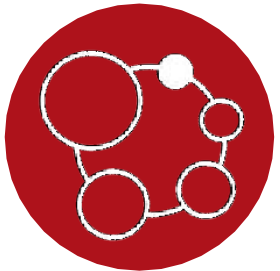
Contribute to
decarbonisation



Enhance **regional & rural** accessibility



Freight and Economy
Foster economic activity



Improve all
island intercity
connectivity



Encourage
sustainable mobility



Achieve **economic** and
financial **feasibility**



Decarbonising



Electrify core lines

Circa 700km



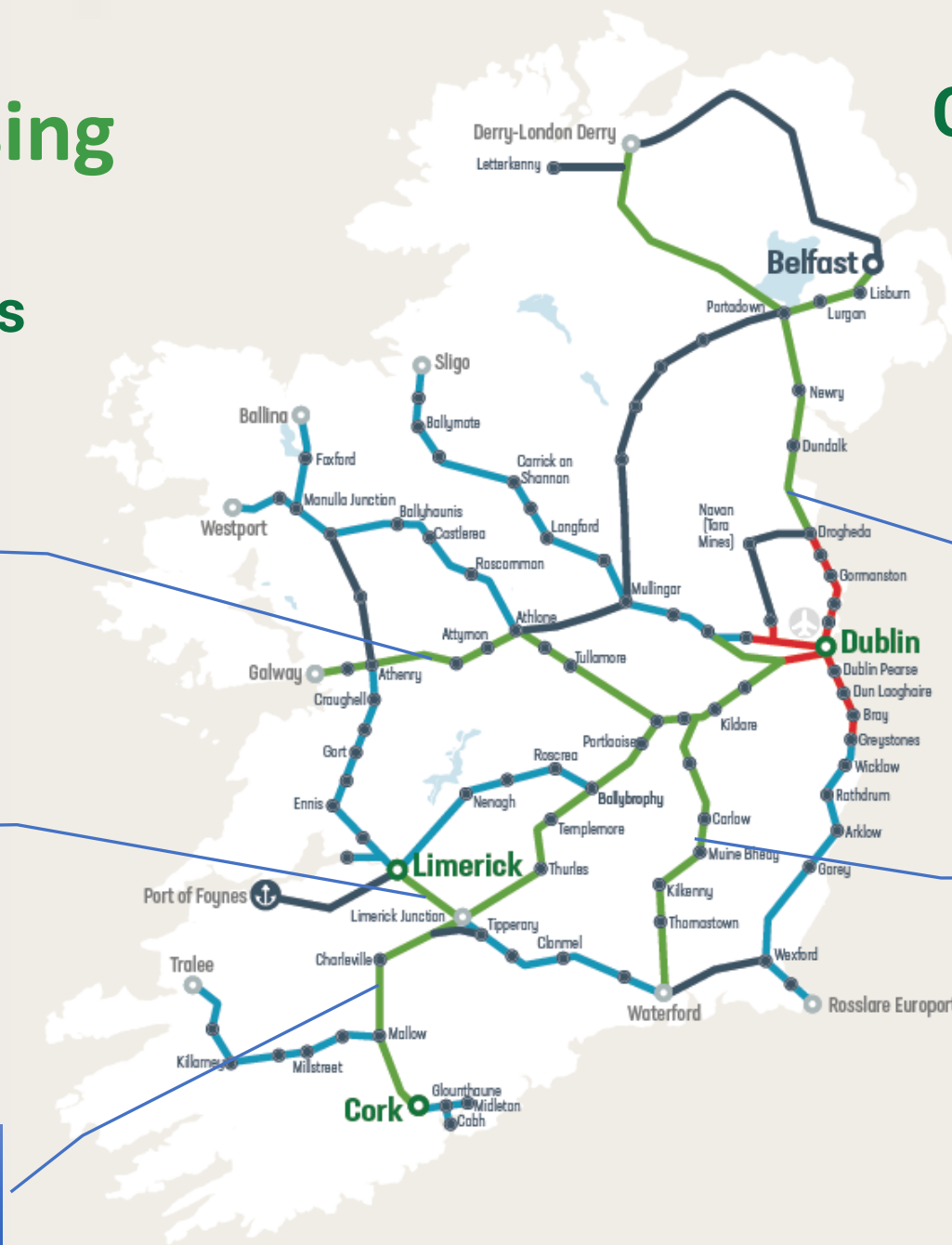
Galway – Portarlington

Dublin – Belfast

Limerick – Limerick Junction

Cherryville Junction to Waterford

Dublin Cork



— To be determined
 — Electrified
 — 1500V DC
 — Electric battery or alternative fuels

Emerging fuels on all other lines



Network interventions include

Double tracking core corridors

Double tracking
Portarlington to Athlone
and Athenry to Galway

Double tracking Limerick
to Limerick Junction

Double tracking
Maynooth to Mullingar

Separate slow from fast

Four tracking Connolly to Malahide

Four tracking Hazelhatch to
Portarlington

Double tracking Cherryville
Junction to Kilkenny

Circa 400km on new track

New lines addressed separately





Implementation Programme



DUBLIN

URBAN

CORK

GALWAY

LIMERICK

WATERFORD



INTERCITY



REGIONAL



FREIGHT

	2030	2040	2050
2030	<ul style="list-style-type: none"> DART+ West DART+ South West DART+ Coastal North DART+ Coastal South new stations DART+ fleet 	<ul style="list-style-type: none"> DART+ extension track capacity on northern line four tracking from Hazelhatch to Portarlinton new stations Navan Loop further capacity at stations in Dublin Dublin Airport Spur from Clongriffin station 	<ul style="list-style-type: none"> DART+ fleet Cross Dublin City Tunnel increased service frequencies in line with growing demand
2040	<ul style="list-style-type: none"> double tracking Glounthaune - Midleton and resignalling Kent Station Masterplan and through platform new decarbonised fleet passing loop at Drinahore city centre station new stations new services Development 	<ul style="list-style-type: none"> double tracking Limerick to Limerick Junction Limerick commuter rail double tracking Athenry - Galway new stations Development 	<ul style="list-style-type: none"> new decarbonised fleet
2050	<ul style="list-style-type: none"> new Enterprise Fleet and an hourly service deployment of 41 Intercity railcars for increased service frequency and capacity cascading of fleet to increase service frequency and extend operating hours Cork Line Level crossings removal installation of a new train protection system across the network 41 new Intercity carriages new national train control centres at Houston 	<ul style="list-style-type: none"> double tracking Portarlinton - Athlone electrification of Cork - Dublin - Belfast and Limerick - Limerick Junction line new decarbonised fleet and further cascading to increase frequencies and extend operating hours further capacity increases across the network including double tracking of Maynooth to Mullingar and Cherryville Junction - Kilkenny 	<ul style="list-style-type: none"> electrification of Dublin to Galway and Dublin to Waterford new decarbonised fleet extension of decarbonisation measures to support carbon-free services Belfast - Dublin - Cork and other city connecting services through Cross Dublin City Tunnel
National Development Plan 2022 – 2030		Project Ireland 2040	National target to get to zero emissions
€30bn			

‘Three Decades of Delivery’
Aligned with key national policies

Indicative incremental investment

€30bn



Rail at the centre of a sustainable freight system

'World first' | Irish Rail to trial hydrogen combustion in retrofitted diesel train engine

The €1.5m test will run from next year



31 MARCH 2023

IRISH RAIL - FIRST NEW MULTIMODAL FREIGHT YARD IN FIVE DECADES

Ministers welcome EU funding for transport projects in Ireland

Irish Rail has been awarded €2.5 million for supporting studies for the development of a rail freight system connecting Ireland's busiest seaports and establishing transfer points for freight between rail and road



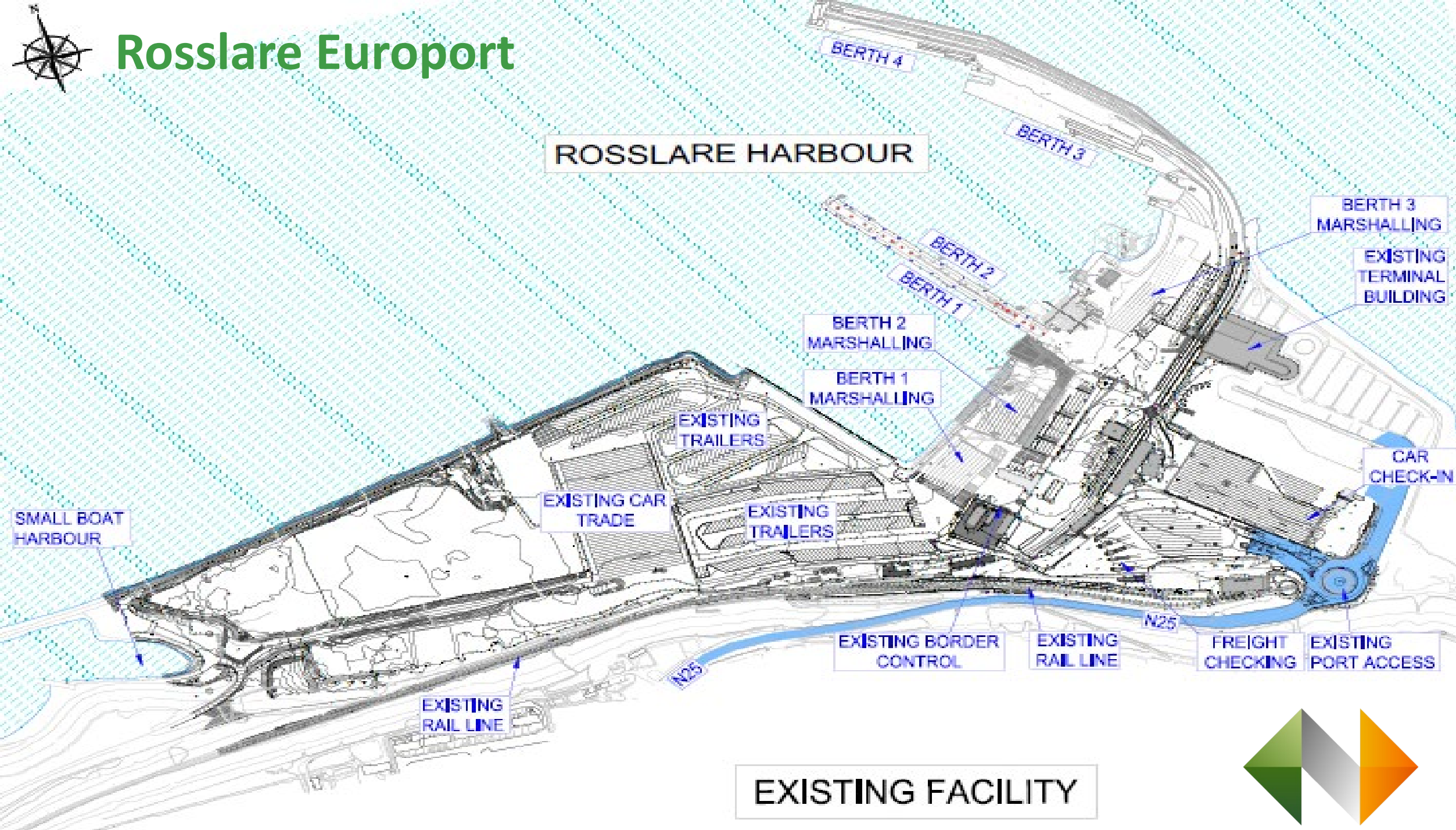
Rosslare Europort



- Overhaul of Port Safety & Asset Management systems
- Over 36 Direct Services per week to EU – 30 of which carry passengers
- Only port in Ireland with served by the three largest RoRo shipping companies
- Largest ever investment in the port underway – Port master plan / T7 project, Land acquisition, People and equipment €200m+ investment
- Port digitisation to create Europe's smartest port
- Winner of European Ferry Port of the Year 2023 – A first for any port in Ireland
- Destined to be the 1st port to serve the ORE industry with a €220m investment

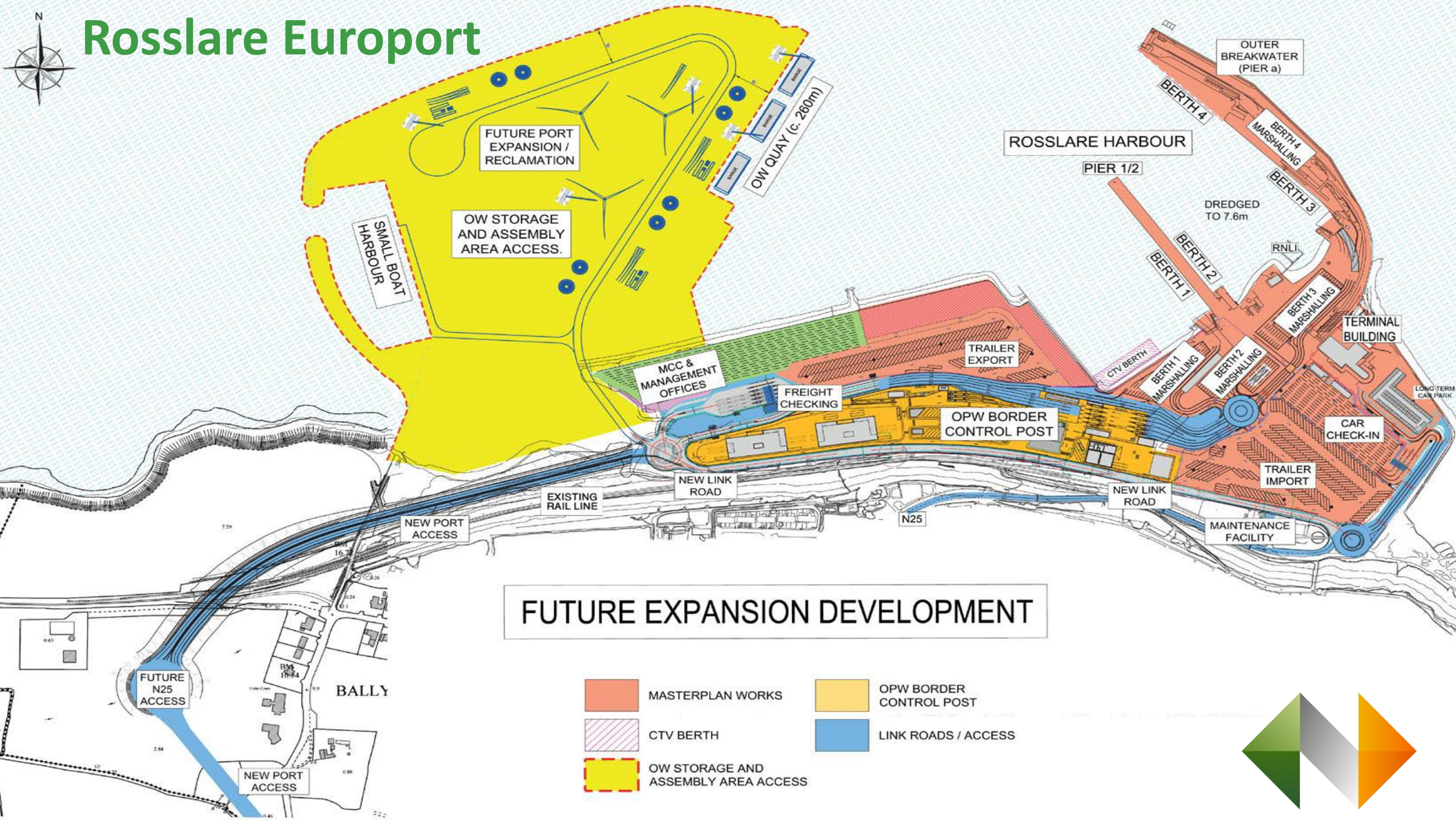


Rosslare Europort





Rosslare Europort



FUTURE PORT EXPANSION / RECLAMATION

OW STORAGE AND ASSEMBLY AREA ACCESS.

SMALL BOAT HARBOUR

OW QUAY (c. 260m)

MCC & MANAGEMENT OFFICES

FREIGHT CHECKING

OPW BORDER CONTROL POST

TRAILER EXPORT

ROSSLARE HARBOUR

PIER 1/2

DREDGED TO 7.6m

RNLI

BERTH 1

BERTH 2

BERTH 1 MARSHALLING

BERTH 2 MARSHALLING

BERTH 3

BERTH 3 MARSHALLING

BERTH 4

BERTH 4 MARSHALLING

OUTER BREAKWATER (PIER a)

TERMINAL BUILDING

LONG TERM CAR PARK

CAR CHECK-IN

TRAILER IMPORT

MAINTENANCE FACILITY

NEW LINK ROAD

NEW LINK ROAD

EXISTING RAIL LINE

NEW PORT ACCESS

N25

FUTURE N25 ACCESS

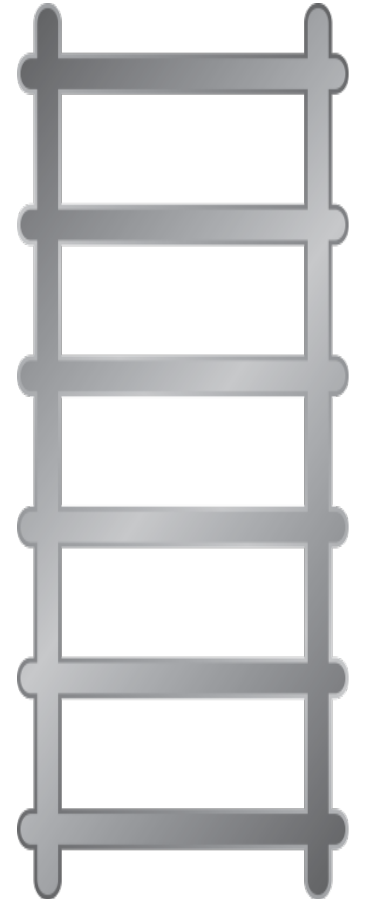
NEW PORT ACCESS

BALLY



So how do we deliver all this?

- Through People & by recognising that we needed to recruit for expansion
 - Did a 7/10 year lookahead.
 - Identified the growing skills requirements due to expansion projects
 - Looked at where the specialised skills could be recruited from
 - Identified the impending loss of corporate knowledge
 - Built a Talent Development team





So how do we deliver all this?

- Focused on key programmes initially
 - Craft Apprentices
 - Intensive programme from 2018
 - Hi-Potentials
 - Initial programme in 2019
 - Women in Leadership
 - 1st group commenced 2019
 - Graduate Programme
 - Commenced in 2019 expanded in 2022
 - Leadership Development
 - Commenced in 2021





Customer Experience

CUSTOMERS
AT THE HEART
OF OUR BUSINESS 

Our on-Board Customer Service organisation is now fully established and receiving much acknowledgement





A Winning Team

PROUD
OF OUR PAST,
PASSIONATE
ABOUT OUR FUTURE



Sunday Independent **statista**

IRELAND'S

GOOGLE LINKEDIN

APPLE


IARNRÓD EIREANN

Pfizer

BEST EMPLOYERS 2023

Thank you 😊





Q&A



THANKS AGAIN TO OUR SPONSORS



Kight
Off Grid



PWM UK Ltd

JOIN BITA TODAY

LIMITED TIME OFFER FOR RAIL DIVISION,
JOIN BITA FOR DISCOUNT:

**€560 INSTEAD OF €750 ANNUAL
MEMBERSHIP**