

Iarnród Éireann

Presentation to Fingal PPN Transport Linkage
Group 20th June, 2019



Iarnród Éireann Our Network, Our Services

Each week:

4,915 train services run

923,000 passengers carried

629 carriages in our fleet

144 stations served nationwide

2,200 kilometres in our network

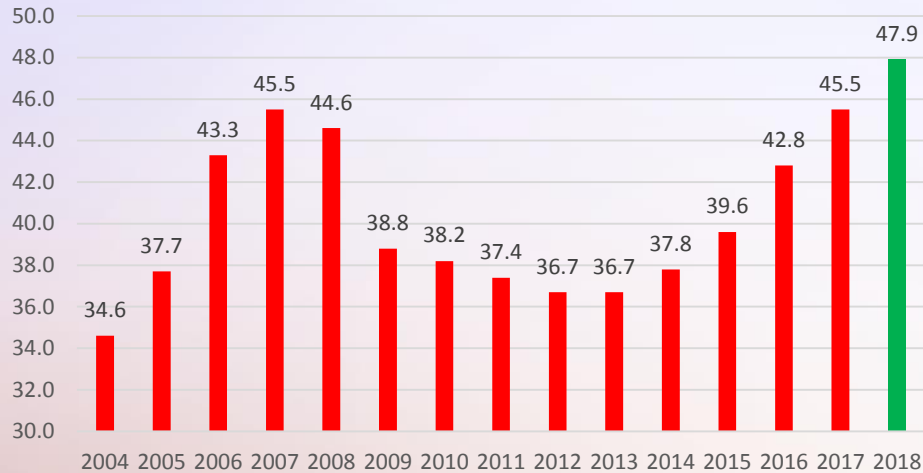
348,000 kilometres travelled

>3,800 employees



Iarnród Éireann Surge in demand

Passenger journeys (millions)



Journeys (m)	2017	2018
Intercity	11.4m	12.4m
Commuter	14.0m	14.6m
DART	20.1m	20.9m
TOTAL	45.5m	47.9m



Iarnród Éireann **Short term capacity urgently required**

- Maximising DART availability
 - All trains 6/8 carriage as part of 10-minute frequency
- **Fleet options:**
- Intercity railcar – 41 intermediate vehicles
 - Lengthen existing trains
 - Intercity and Commuter route short-term benefit, longer-term Intercity
 - Low-risk: approvals, training already in place
 - In-service Q4 2021, options for more
- Purchase second-hand / leasing
 - Commuter fleet
 - Modifications incl bogies, cab required; approvals, staff training required
 - NTA tender launched – will establish availability, viability and timescales
- Converting existing fleet to hybrid
 - Existing 234-carriage ICR fleet targeted for conversion to hybrid
 - Emissions and fuel costs reduced by 35%



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National Development Plan





Iarnród Éireann GDA network

Electrification of network

- Malahide-Howth/Greystones, will expand to include
 - Maynooth/M3 to City
 - **Malahide to Drogheda**
 - Hazelhatch to Heuston/PPT
- Increases journeys on electrified network from 42% to 80%
- Customer, environment and cost benefits
- More capacity through other NDP infrastructure investment
- Integration with all public transport modes with interchange with MetroLink and Luas





Iarnród Éireann Capacity

- The extension of the DART network will facilitate multimodal transport with interchanges for Luas and Metrolink
- Enhanced capacity through new carriages, and works at Connolly and Docklands to increase number of trains which can operate
- Howth to Howth Junction continuing as direct service to city/southside
- Commuter stops were removed from DART stations last Sept with introduction of more frequent DART services, some were reintroduced where capacity issues arose
- Before additional carriages arrive in late 2021, expect capacity issues to become more acute – particularly September to November, busiest time of year for commuting
- DART and Commuter can safely accommodate full loading, and are designed to do so, in common with urban rail systems internationally
- Annual rail census figures available on National Transport Authority's website



Iarnród Éireann Security

- We have an ongoing station upkeep and painting programme
- We have increased security patrols, and work closely with the Gardaí in working to combat instances of anti-social behaviour onboard and at stations, following increase in number of instances
- We are about to launch a text alert service for customers to alert us of instances of anti-social behaviour
- Lifts can be negatively impacted by vandalism and by harsh weather conditions. Where vandalism has been an issue such as Howth Jct and Clongriffin we now have remote monitored lifts.



Iarnród Éireann Access to services and air quality

- Priority seating: we regularly run “think of others” campaigns to encourage customers to give up their seats to those that may need it more
- Heavy rail services internationally require safe clearance between train and platform – additionally, some stations have platform curves. This is why ramps are needed for mobility-impaired access
- Secure bike lockers are available at several locations in Fingal and NTA plan to fund more
- All diesel railcars, which operate Commuter services, have automatic shutdown technology so lengthy idling does not occur.





Iarnród Éireann **Station issues continued**

- Tag on points are located at certain locations due to power requirements
- The provision of additional points would have to be funded by the NTA, based on usage levels
- We are currently seeking funding for upgrade to our onboard customer information system
- **station parking? – David Vaughan may have status update....**



Iarnród Éireann Accessibility

- DART Hub system - >99% assistance delivery, expanded to Northern and Western Commuter lines
- Accessibility app being piloted amongst focus group of regular mobility and visually impaired customers
- Customer Service Officers on all Intercity routes by end 2019 to provide assistance to/from Intercity services
- All station and fleet investment under NDP will ensure accessibility incorporate into design
- Disability Users Group representing major mobility and sensory impaired and other disability groups

