

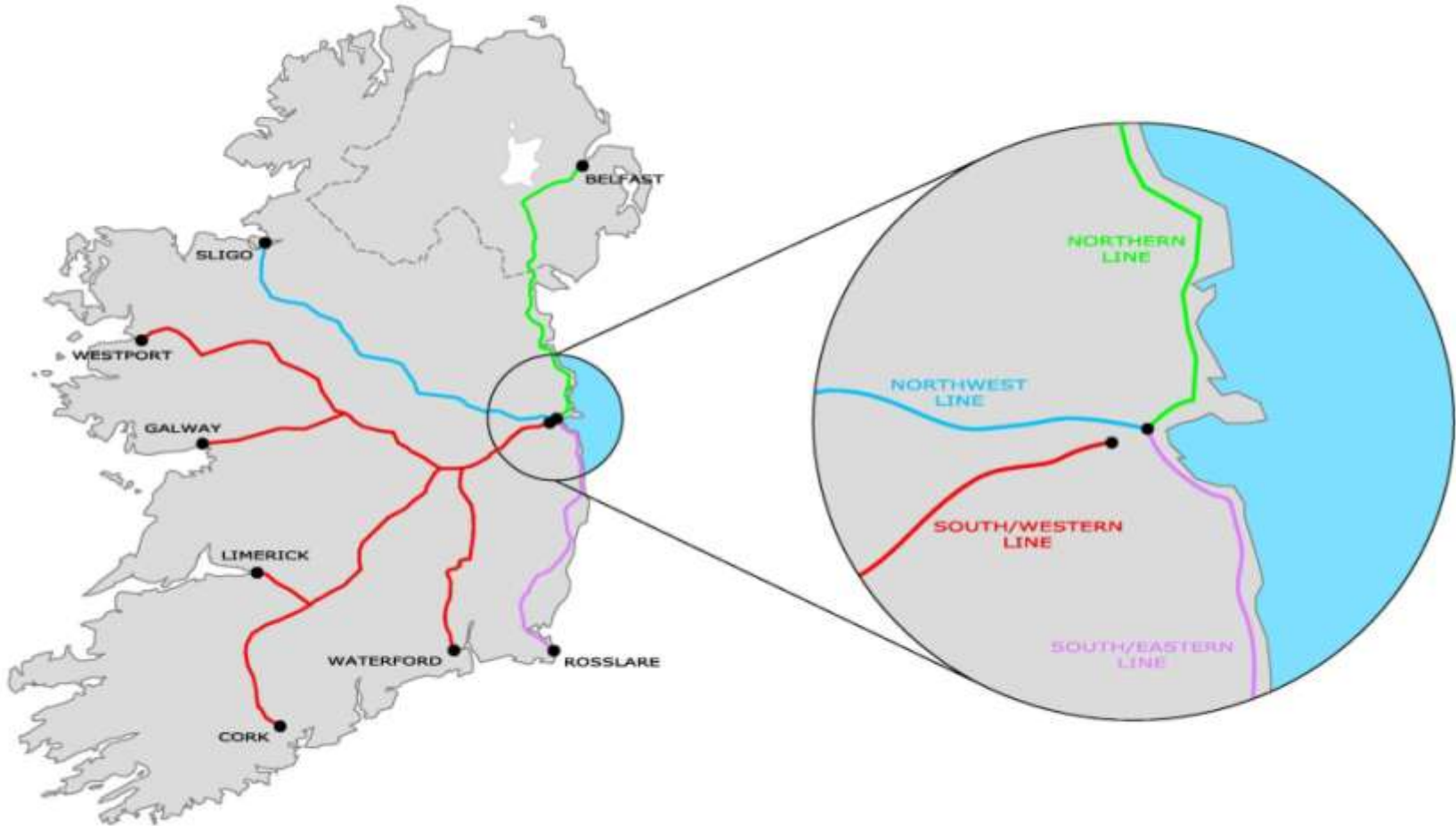
DART Underground

Project Overview

Lisbon

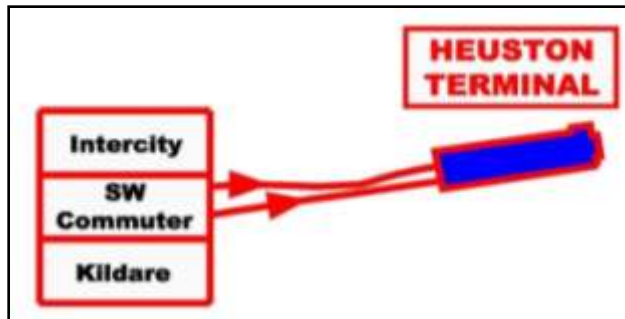
28 January 2010

Ireland's rail network

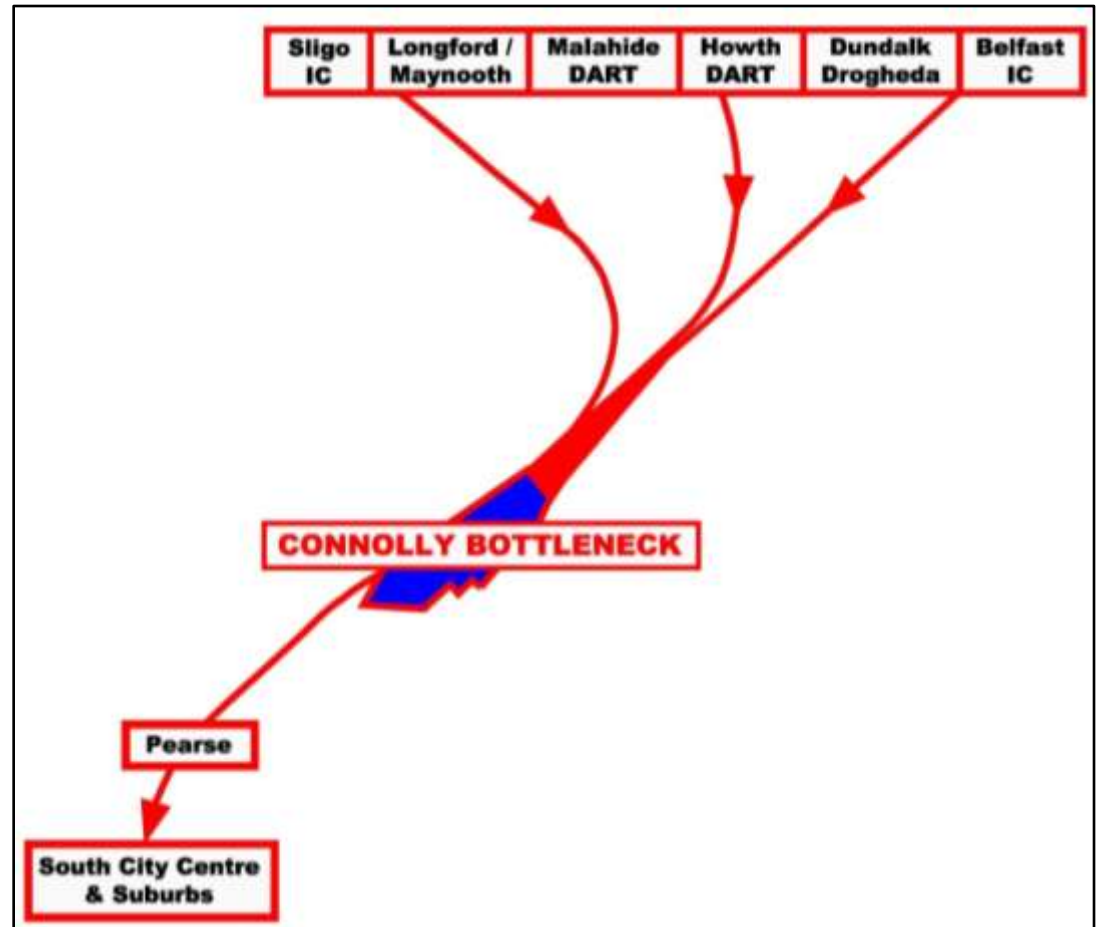


Capacity constraints

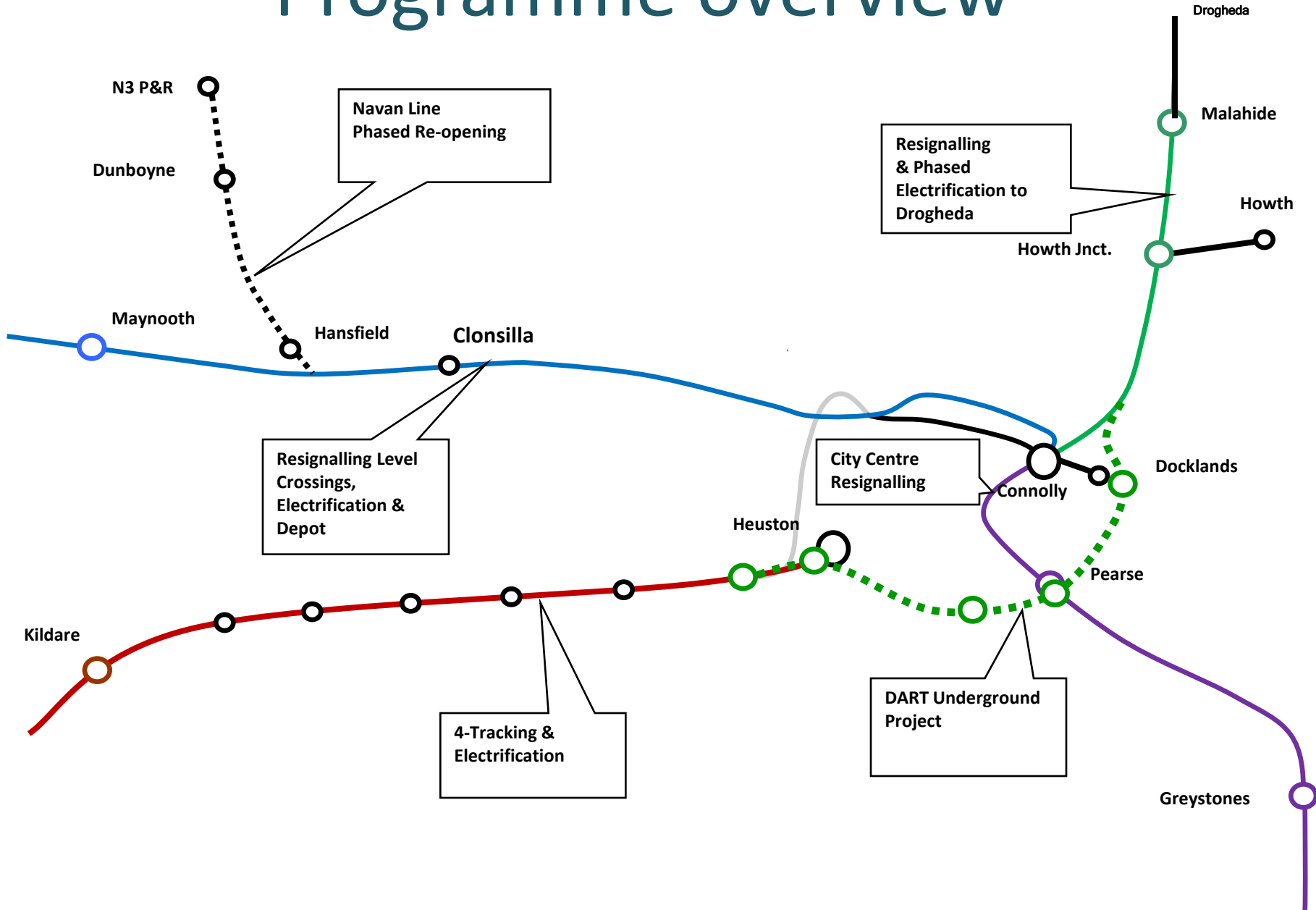
Terminal station at Heuston



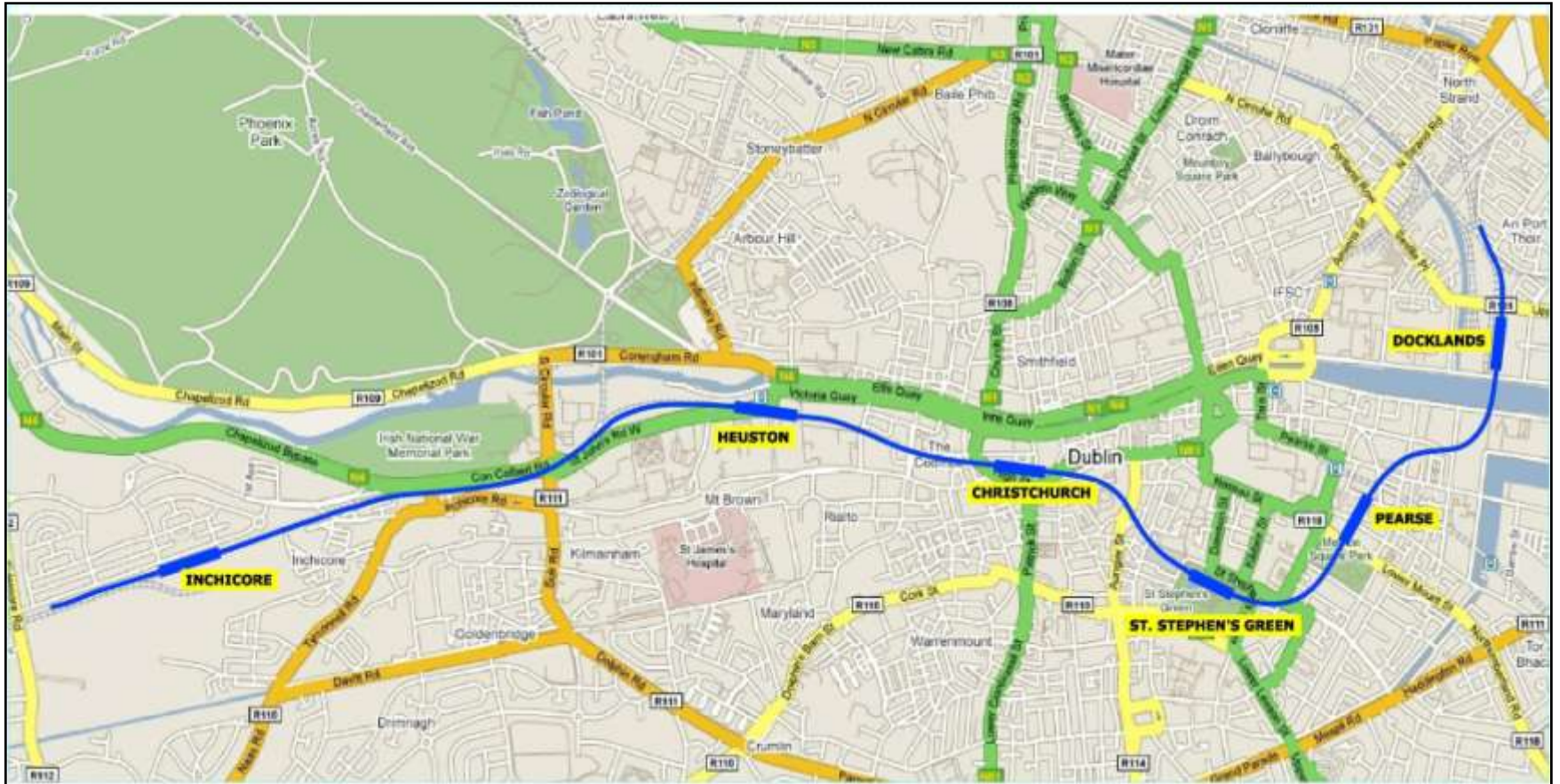
Northern line bottleneck at Connolly



Programme overview



Dublin City Centre



Proposed railway alignment 

Key benefits

- Integrates the greater Dublin rail network, by linking Intercity, Commuter, DART, Luas and Metro services
- Will greatly improve access to retail, commercial and leisure destinations in Dublin's city centre
- Trebles capacity on DART and Commuter rail from 33 million passenger journeys annually to over 100 million on completion
- Expected to effect modal shift from private to public transport under Transport 21
- Ireland's largest infrastructure project

Project sponsor

- CIE is a statutory body, wholly owned by the Government of Ireland
- Iarnród Éireann / Irish Rail is a subsidiary of CIE
- Principal activity of IE/IR is the provision of 'heavy rail' passenger services
- Provided over 43.3 million journeys in 2008 across Intercity, Commuter and DART services
- Owns and operates the Dublin Area Rapid Transit (DART)

Commercial structure : DBFMO

- Design and build the railway infrastructure
 - 8.6 Km in length with 7.6 Km of twin-bore running tunnel
 - Five underground stations and one surface station
 - All railway systems, including signalling, power and telecommunications
 - Control centre and maintenance facility
- Maintain and renew rail infrastructure
 - Whole life cycle (25 year + contract)
- Operate
 - All tunnel systems: train and fire lift control
 - Station operations, including customer interface
- Availability based payment mechanism

Timing

- Public sector benchmark and Value for Money test
- PIN and market soundings in February 2010
- Railway Order submission in March 2010
- OJEU notice in April 2010
- Tender stages (ITN and possible BAFO) in September 2010 to Q1 2012
- PPP contract award in Q2/3 2012

Thank you



http://www.irishrail.ie/projects/dart_underground.asp