

ComReg Market Data

EaPeReg Plenary Meeting

12 November 2025



An Coimisiún um
Rialáil Cumarsáide

Commission for
Communications Regulation

ComReg.ie



Overview

- Background
- Market Intelligence Team
- Data Planning & Design
- Data Collection & Processing
- Data Analysis & Sharing



Background

- EU requirements to collect certain data
 - Article 22
 - 'Digital Decade' KPI's
- Multiple data requirements at a national level.
- High quality data
 - Assist in regulatory decisions
 - Inform the industry on market trends
 - Inform the wider public on Broadband availability



Market Intelligence Team Role

Data Planning

- Manage Data change and systemisation process

Data Collection & Processing

- Collection & Validation of data
- Data Aggregation

Data Analysis

- Internal & External Data queries

Data Sharing

- Quarterly Key Data Report to inform industry and the public of trends
- Mapping Visualisations
- Internal Reports



Data Planning

IT Data project from 2018–2024

- Designed new data requests which would allow for regular detailed analysis and meet various requirements
- Enhanced all stages of data cycle including processing, storage and analysis
- Regular engagement with Operators
- Collection of unique post code for each premises (Eircode)
- Additions to the system every year to include new data collections and system enhancements

Eircode	Broadband Service Status	Best Available Broadband Product	Max Achievable Download Speed (Mbps)	Expected Peak Time Download Speed (Mbps)	Sold To Operator	Planned Date
E12 A256	Active	FTTP	1000	300	Operator A	
W45 B789	Passed	FTTC	100	60		
F98 C678	Planned	FTTP	1000			31/12/2025



Data Collection

- XML and Excel files submitted at various time periods
- Data for Broadband, Voice and Leased Lines/Wholesale Dedicated Capacity include geo-references
- [Data Dictionaries](#) and [Data Requests](#) published on ComReg Website

Broadband & Voice

- 52 Submissions
- 7.7 million records quarterly

Revenue

- 52 Operators
- Up to 2,400 data points quarterly

Mobile

- 7 Operators
- 390 data points quarterly

Leased Lines

- Twice yearly
- 23 operators
- ~60k records



Data Collection: Data.ComReg.ie

- Operators submit data through online portal using unique login credentials.
- Submissions are automatically validated and accepted/rejected based off validation rules.
- Operators receive automated emails of successful submissions or failed submissions (with error details)
- Larger operators submit >5 files each quarter.

The screenshot displays the 'DATA REQUESTS' page on the Data.ComReg.ie website. The page features a navigation bar at the top with 'Find Data' and 'Submit Data' buttons, and a header for the 'Commission for Communications Regulation'. The main content area is titled 'DATA REQUESTS' and contains six interactive cards, each with an icon and a link to a specific data section:

- BROADBAND AND FIXED VOICE**: Click here to enter Broadband and Fixed Voice section of data.comreg.ie
- INVESTMENT**: Click here to enter Investment section of data.comreg.ie
- LEASED LINES AND DARK FIBRE**: Click here to enter Leased Lines and Dark Fibre section of data.comreg.ie
- MOBILE**: Click here to enter Mobile section of data.comreg.ie
- NETWORK MAPS**: Click here to enter Network Maps section of data.comreg.ie
- REVENUE**: Click here to enter Revenue section of data.comreg.ie



Data Processing

- Internal system to manage data requests
- Understanding the data is key to ensuring high data quality
 - Automatic validations at point of entry
 - 2nd level validations reviewed through internal system, e.g. percentage changes
 - Communicate validation errors with operators to fix and/or explain

Data Requests List

SEND EMAIL

MARKET: Broadband and Fixed Voice | PERIOD: Select... | YEAR: Select... | SHOW ONLY: PENDING, SUBMITTED, ACCEPTED | CLEAR FILTERS

Actions	Type	Request Reference	Operator Name	Status	Submission Date	Response Due by Date	Earliest Sub. Date	Deadline Date	User Ass
	Select...		comreg	Select...	dd/mm/yyyy	dd/mm/yyyy	dd/mm/yyyy	dd/mm/yyyy	Select...
DETAILS	Reseller	124899-2025Q3-FBB-RES	ComRegAdmin	Pending	(Not submitted)		01/10/2025	05/11/2025	--- U
DETAILS	Retail	124899-2025Q3-FBB-RTL	ComRegAdmin	Pending (Returned by ComReg, re-submission r...	03/11/2025 16:34		01/10/2025	05/11/2025	--- U



Data Analysis & Sharing

Quarterly Key Data Report

- Report is published quarterly containing statistical data on electronic communications and broadcasting markets
- To inform industry and the public of key market trends e.g. Market Shares, Data Usage, Revenue, Gigabit Broadband Coverage
- Data Portal published including visualisations and tabular data

Total Gigabit Coverage (By Eircodes)	2024 Q4	2025 Q1	2025 Q2
Percentage Premises with FTTP Broadband Available	74%	75.7%	78.5%
Percentage Premises with Gigabit Broadband (FTTP or Cable) Available	85%	86.0%	87.7%
Total Gigabit Take Up Rate (By Unique Eircodes)			
	2024 Q4	2025 Q1	2025 Q2
FTTP Take Up Rate	49%	49.6%	50.2%
FTTP & Cable Take Up Rate	57%	57.9%	58.4%
Take Up Rate by Years FTTP Available			
Years FTTP Available (As at Q1 2025)	Take Up Rate by Years FTTP Available		
Greater than 5 years, up to 6 years	56%		
Greater than 4 years, up to 5 years	52%		
Greater than 3 years, up to 4 years	51%		
Greater than 2 years, up to 3 years	49%		
Greater than one year, up to 2 years	43%		
Less than one year	26%		



Data Analysis & Sharing

Market Analysis

- MI data outputs are vital to various market analysis workstreams, including market monitoring reporting and decisions
- MI use data outputs to build customised reports satisfying the necessary requirements for these activities – results in significant time savings and improved accuracy

Switching

- Data collected by MI is used to assess switching activity in the market
- Operators provide Eircode (unique address ID) associated with each active broadband line
- Analysing reporting of active broadband lines at Eircodes over time allows determination of the level of switching across categories e.g network/retail operator switch, product switch
- Findings derived from analysis highly beneficial to other teams in Comreg e.g pricing team



Data Analysis & Sharing

Broadband Coverage in Europe/Digital Decade KPI's

- Data gathered serves as input for the Broadband Coverage in Europe Survey/ Digital Decade KPIs.
 - 2024 was the first time that ComReg had the ability to provide in depth data for this survey.
 - Some limitations with the methodologies and comparisons used.
- 1) Base Household Figures:** Whilst the alternative base household figures we have used are significantly more accurate than those originally proposed, they result in lower coverage percentages than using the original base figures provided
 - 2) Urban/Rural Split** – Our criterion for calculating rural split is based on the Central Statistics Office's classification of whether a small area is urban or rural. In comparison, the survey defines rural areas as areas with a population density of less than 100 inhabitants per square km. We don't have sufficient data available to us to adapt this approach.
 - 3) Residential/Business Premises Split** – In the 2024 survey data collection, we were unable to split the figures provided in the survey into residential/business
 - 4) Calculation Methodologies** – Prior to 2024, the figures for Ireland in the survey were calculated by consultants using data collected directly from operators. This has resulted in significant fluctuations in many of the figures and percentages for 2024 vs previous years. We have concerns over the comparability of data from countries where the data was provided directly by the NRA vs countries where the data was estimated.



ComReg GIS Environment

GIS – Geographical Information Systems

 **esri**[™] is ComReg's Provider of Mapping Software

Why do we use Esri?

- Industry standard software (Microsoft of mapping), good knowledge transfer
- Used by other Irish public bodies and government departments (including health service, ordnance survey)
- Easy data sharing
- All in one desktop and online environment

ComReg GIS Environment

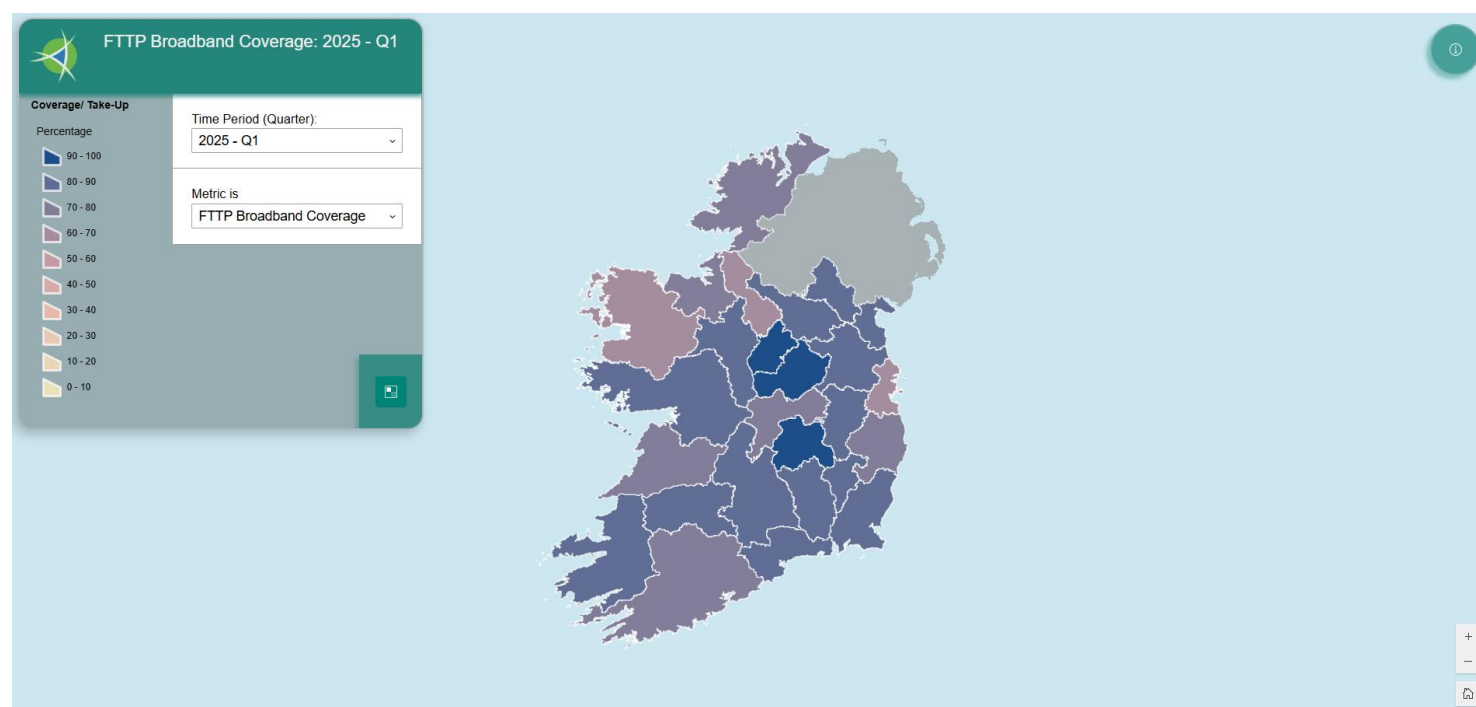


esri™

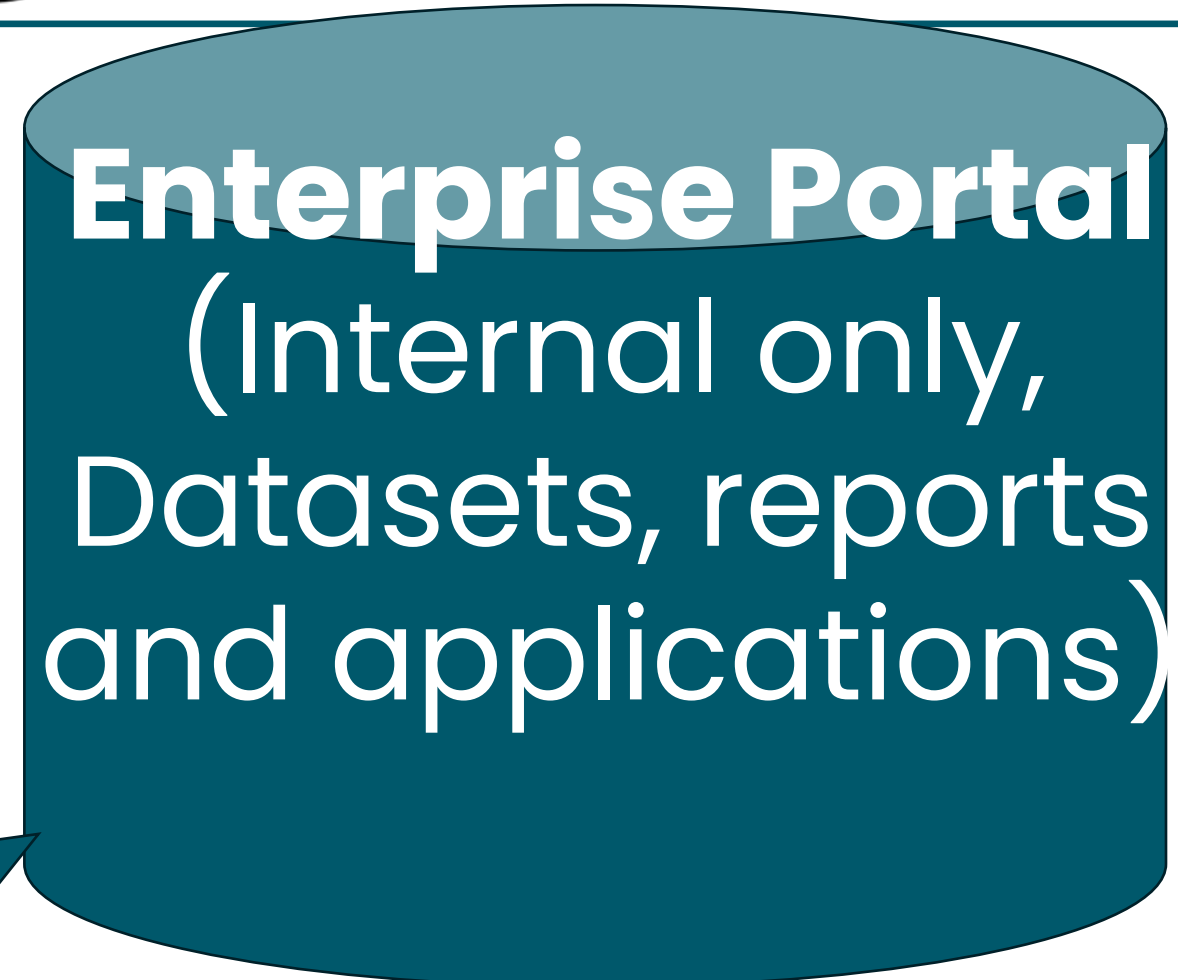
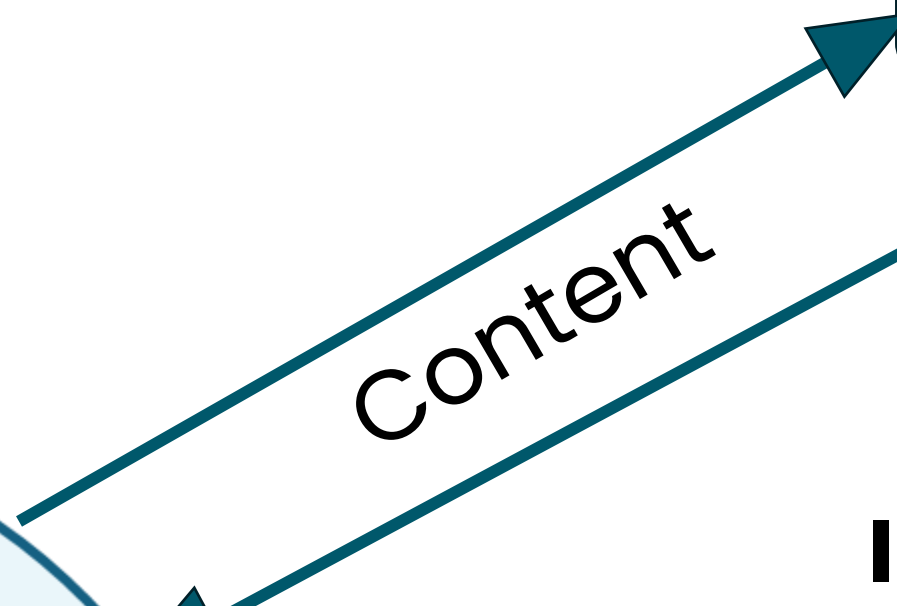
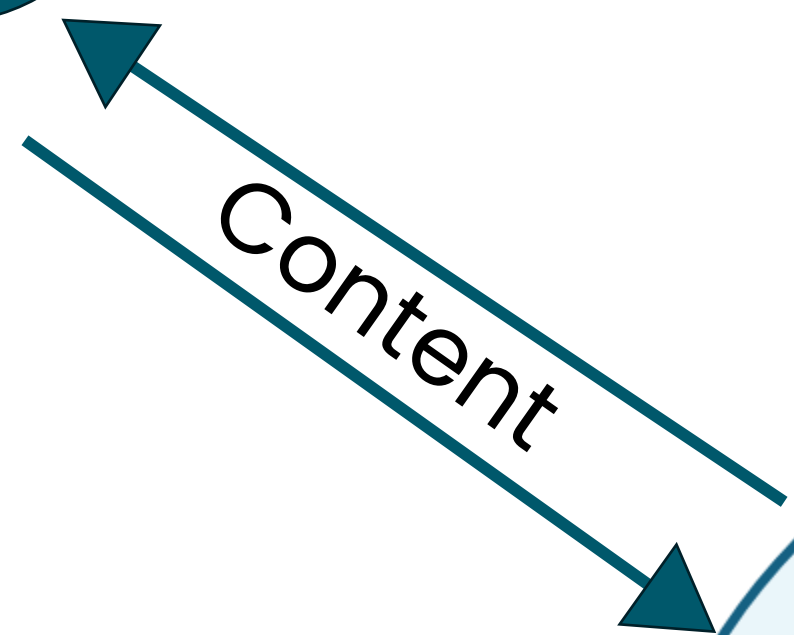


Public

[Open Data Map Hub](#)



ComReg.ie

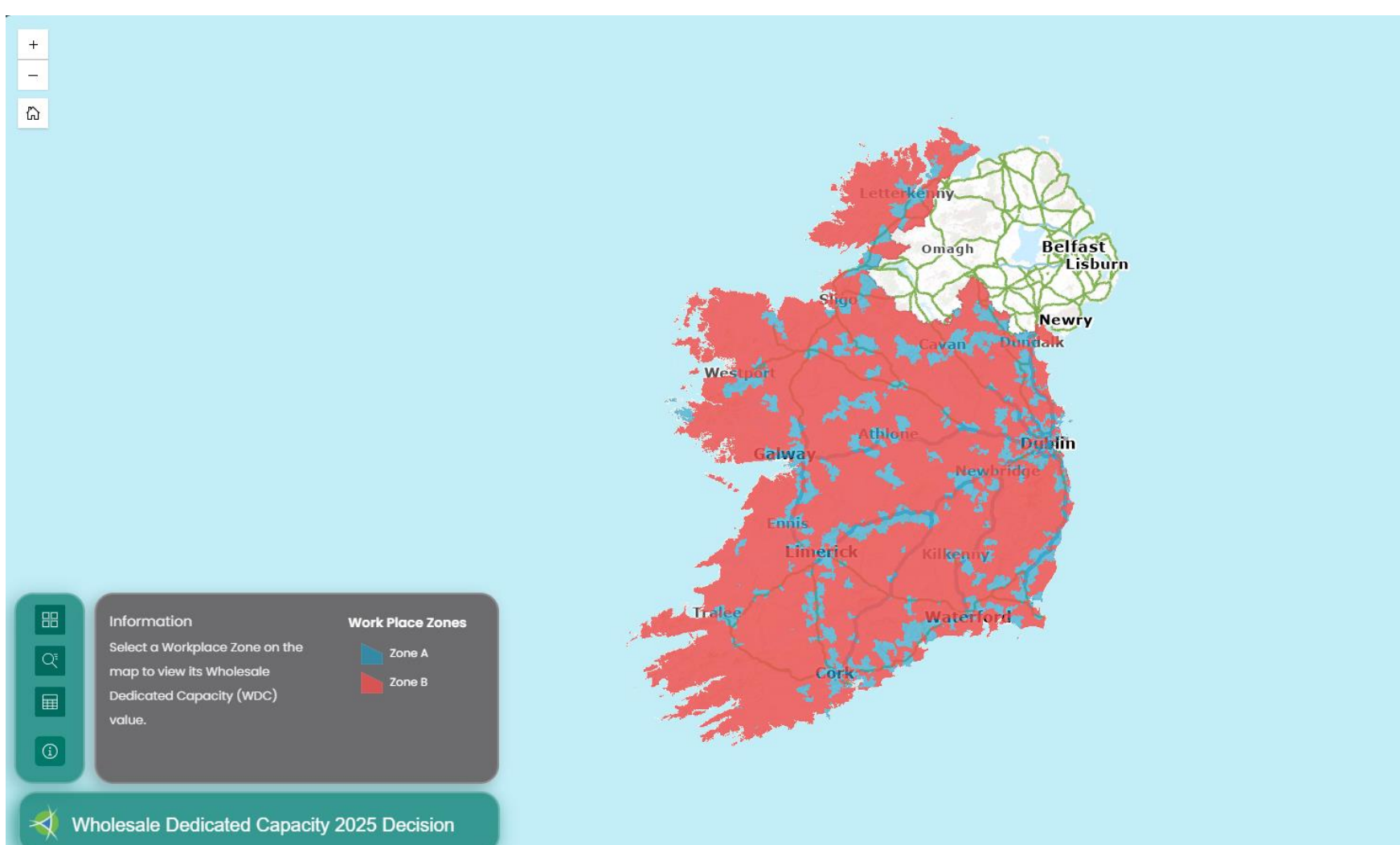


Internal ONLY

- Insights and Applications
- Linked to Database
- Spatial Analysis
- Data validation
- PDF Maps



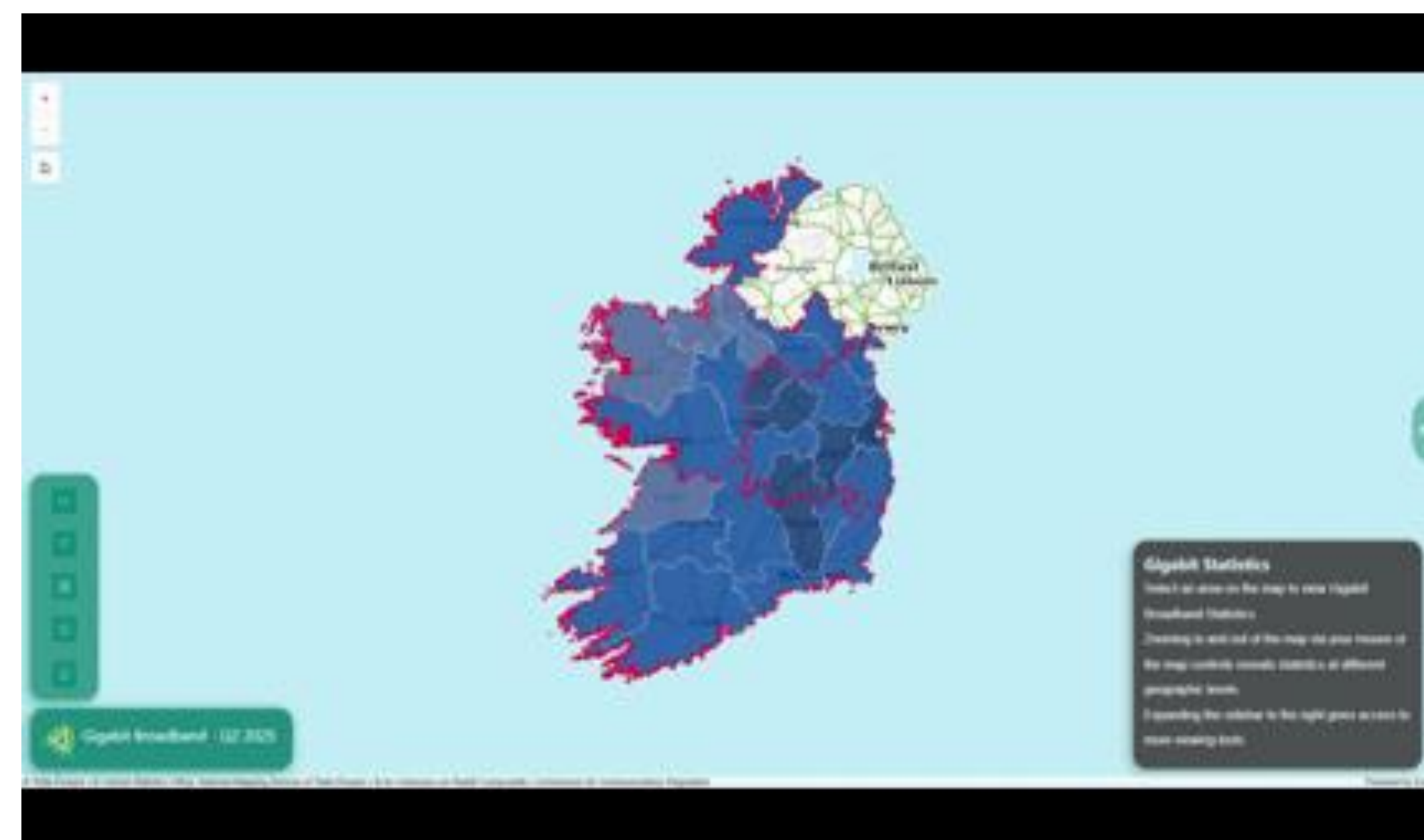
ComReg GIS Environment



WDC/Leased Lines Application (using draft data)



Web Experience: Gigabit Broadband Coverage at multiple CSO Geographies





Summary

- Data is a key input to regulatory decisions
- Regular engagement with operators and detailed validations ensure high quality data
- Addition of geographic data has enabled detailed analysis and understanding of the Broadband market



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