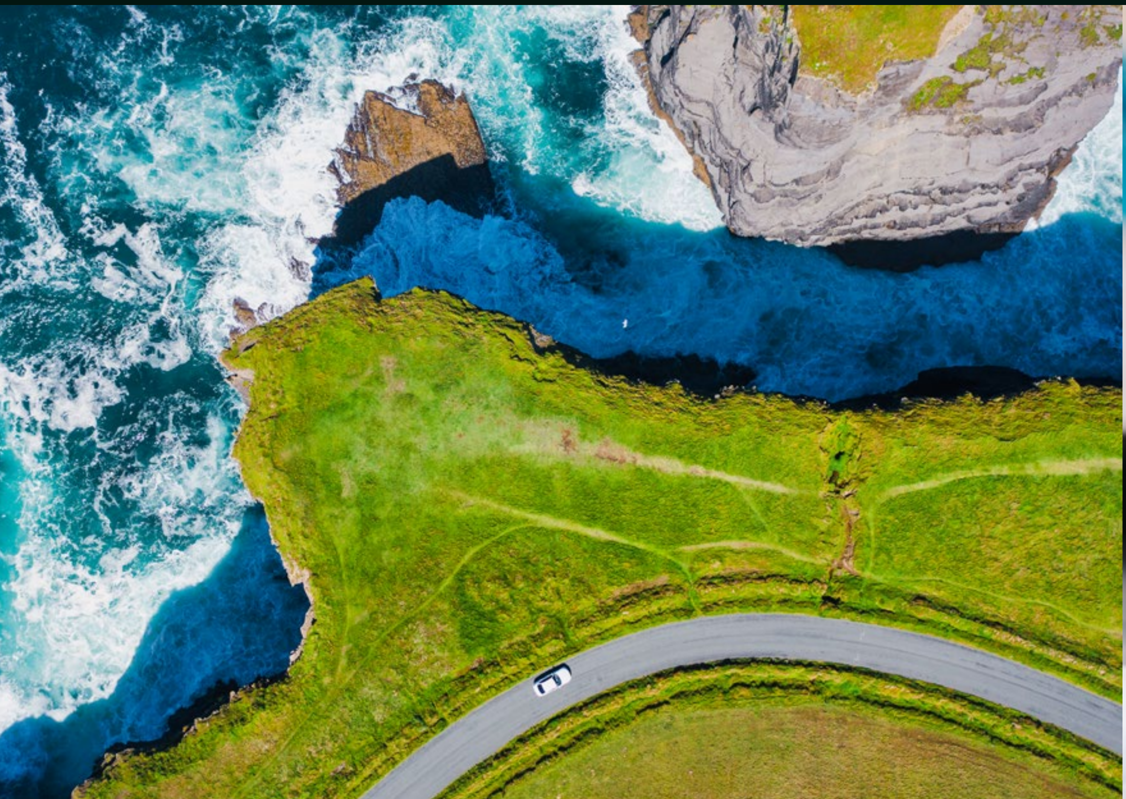
Facts about Ireland

Q4 2023

idaireland.com



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About Ireland

Ireland has the second youngest population in the EU.

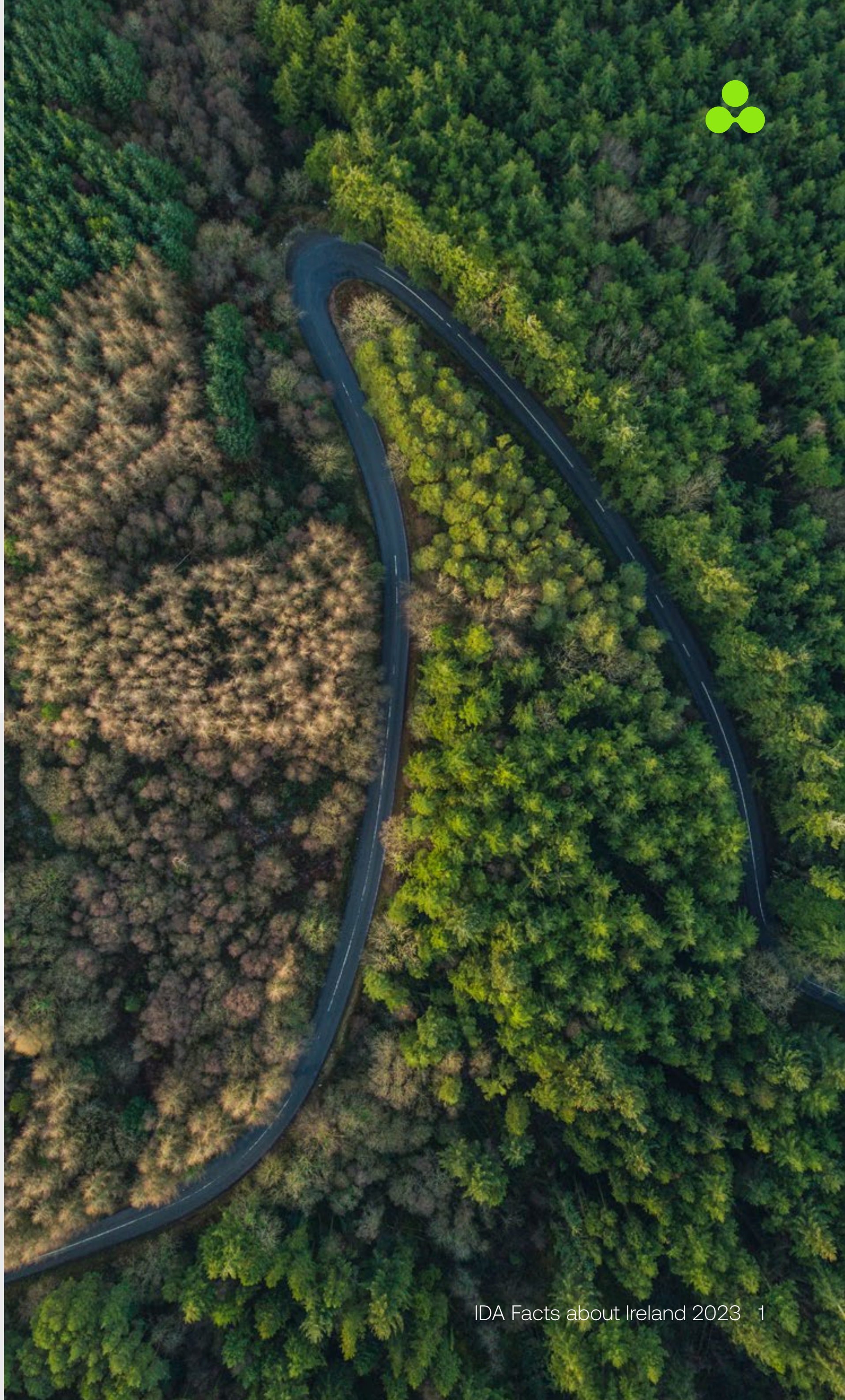
We have the highest percentage of people in the EU working in high-tech manufacturing and knowledge-intensive service sectors.

We had record levels of foreign direct investment and employment in 2022.

We're highly educated, with the highest level of graduates in science, technology, engineering and maths per capita in the EU.

Our 2030 National Development Plan includes the country's largest ever capital investment programme.

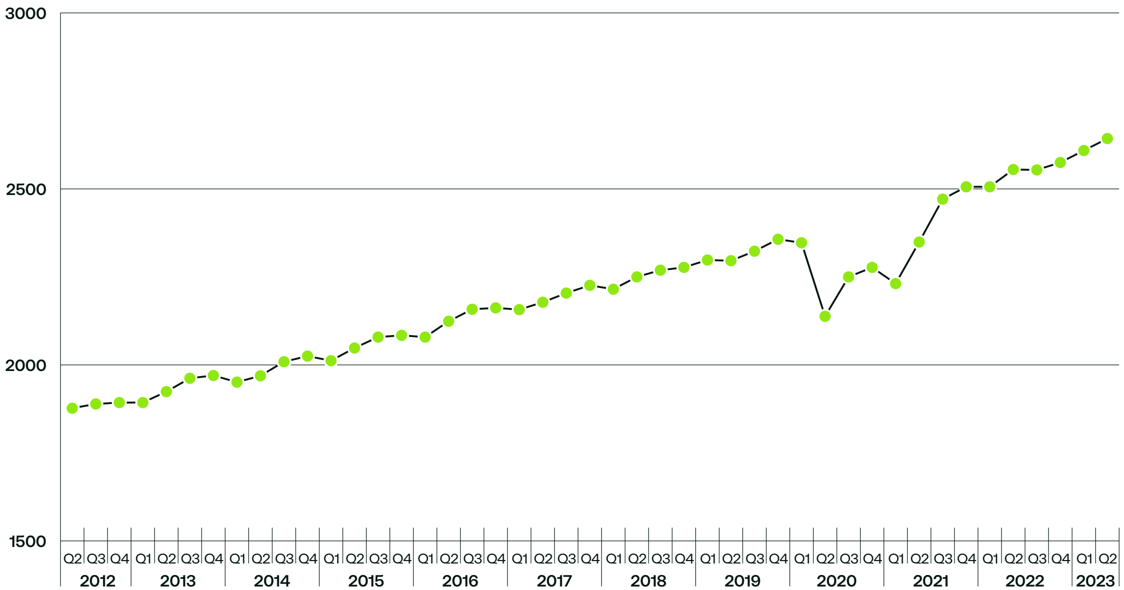
We're targeting a 50% reduction in carbon emissions by 2030.



Ireland is resilient

Our economic performance has stayed strong in recent years even as external conditions deteriorated.

Employment growth



Sources: Gross domestic product (GDP) : GDP, volume – annual growth rates in percentage (oecd.org)
*Economic Outlook No 112 - November 2022. (oecd.org)

The Irish economy showed remarkable resilience and adaptability in 2021 and 2022.

Ireland is similarly placed to other developed economies with respect to inflation.

Low unemployment rate at 4.1%.

Energy matters are being addressed through national and EU-level measures.

The multinational sector increased employment in 2022 by 9%.

In addition to supports for consumers, Ireland has introduced schemes to support businesses with their energy costs.

Ireland is educated

The quality of our education system and graduates across multiple disciplines aligns closely with the skills needs of companies setting up in Ireland.

The rate of 25-34-year-olds achieving third-level qualifications is well above the EU average and continues to grow.

8.1% increase in total graduates year on year (2021-2022).

STEM

There are more science, technology, engineering and maths graduates per capita in Ireland than the EU average.

With 29% of jobs in high technology manufacturing, we have four times the EU average level of employment in this important sector.

IDA Ireland works closely with education and training providers and its client companies to ensure we're meeting future skills needs for enterprise.

Government policy supports upskilling and training.

Apprenticeships and training programmes can be tailored to multinationals' specific needs.

Sources: Statistics | Eurostat (europa.eu)
Eurostat, Population by educational attainment level, sex and age (%) (EDAT_LFS)

% of population age 25-34 with tertiary education

Ireland	62.3
Luxembourg	61
Cyprus	59.2
Lithuania	58.2
Netherlands	56.4
Norway	55.6
Sweden	52.4
Belgium	51.4
Switzerland	51.3
Spain	50.5
France	50.4
Denmark	49
Slovenia	47.3
Latvia	45.9
Greece	45.2
Portugal	44.4
Estonia	43.9
Euro Area	43.2
Austria	43.1
Malta	42.4
European Union	42
Finland	40.7
Poland	40.5
Iceland	40.2
Slovakia	39.1
Germany	37.1
Croatia	35.5
Czechia	34.5
Bulgaria	33.8
Hungary	31.9
Italy	29.2
Romania	24.7

Irish Students Field of Study 2021-2022	Total Graduates	%	Total Enrolled	%
Business, Administration and Law	**22,625**	26%	**50,820**	21%
Health and Welfare	**15,300**	17%	**43,130**	18%
Arts and Humanities	**9,660**	11%	**34,150**	14%
Engineering, Manufacturing and Construction	**9,165**	10%	**28,805**	12%
Natural Sciences, Mathematics and Statistics	**7,105**	8%	**25,445**	10%
Education	**6,350**	7%	**17,030**	7%
Information and Communication Technologies (ICTs)	**5,870**	7%	**15,745**	6%
Social Sciences, Journalism and Information	**5,415**	6%	**15,210**	6%
Services	**5,245**	6%	**9,985**	4%
Agriculture, Forestry, Fisheries and Veterinary	**1,295**	1%	**4,210**	2%
Generic Programmes and Qualifications	**610**	1%	**1,775**	1%
Total	**88,640**	**100%**	**246,300**	**100%**

Sources: Access our Data – Students | Statistics | Higher Education Authority (hea.ie)
Access our Data – Graduates | Statistics | Higher Education Authority (hea.ie)

Ireland is diverse

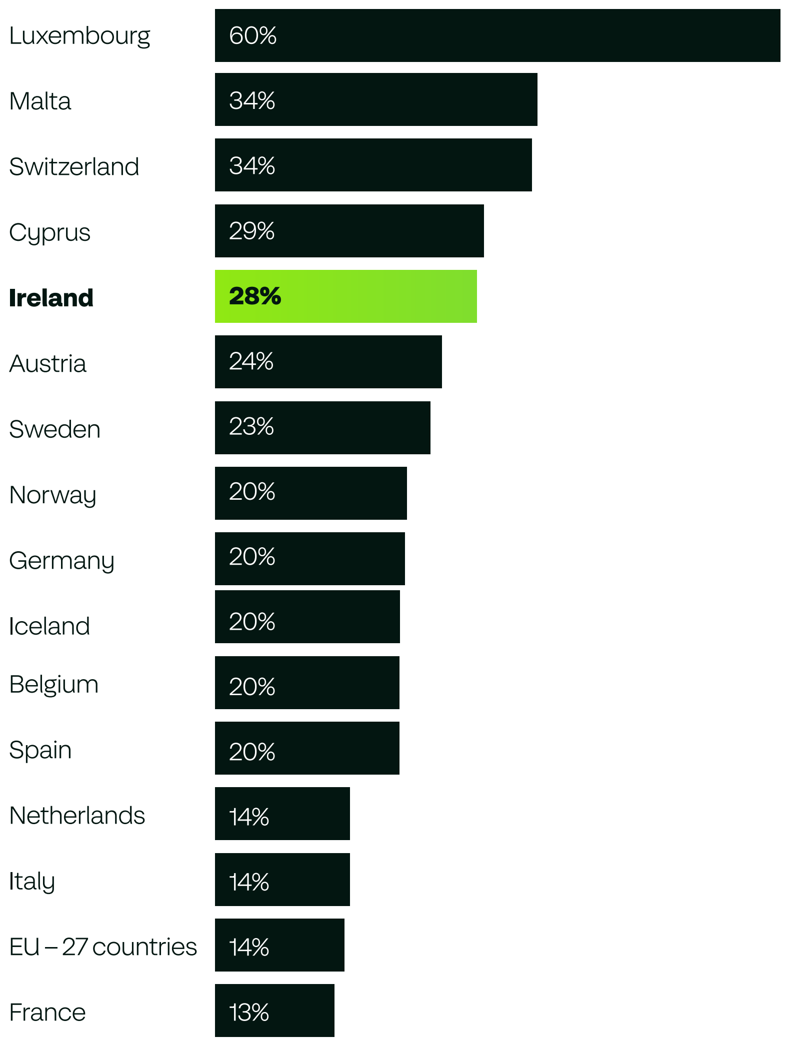
We're open to skilled talent from beyond our borders, with international workers complementing graduates from our education system.

22% of employees at multinationals in Ireland are international.

Ireland's share of international workers is twice the EU average. Net migration from January to April 2022 was its highest in 15 years.

Our progressive immigration system makes it easy for people and families to relocate.

International workers (% of workforce)

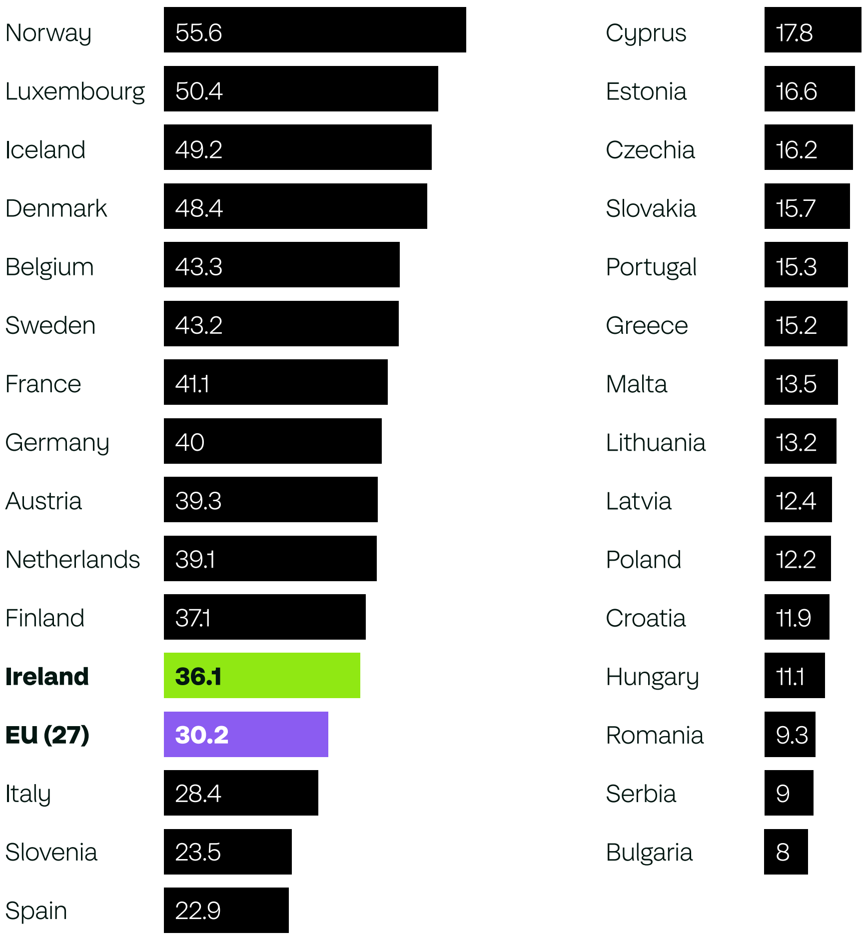


Source: Statistics | Eurostat (europa.eu)

Ireland is productive

With competitive labour costs and high rankings for economic performance and efficiency, we're all about helping businesses to thrive.

Labour costs in business economy sectors, € per hour, 2022



Source: Statistics | Eurostat (europa.eu)

Ireland consistently ranks among the top countries in the world in which to do business, supporting FDI growth.

Successive governments have maintained Ireland's stable, pro-business environment.

Irish labour costs are 10th in the EU, below Germany, Belgium, Luxembourg, France and the Netherlands.

As a Eurozone country, Ireland is subject to increased interest rates as the European Central Bank responds to inflation.

Ireland ranked 2nd overall and 1st for Economic Performance, and 3rd for Government Efficiency & Business Efficiency.

How Ireland ranks in the 2023 IMD World Competitiveness Yearbook.

Economic Performance	Government Efficiency	Business Efficiency	Infrastructure
1st for real GDP growth	**1st** for investment incentives	**1st** for company awareness of changing market conditions	**1st** for ICT service exports
1st for real GDP growth per capita	**1st** for foreign investors	**1st** for flexibility and adaptability	**5th** for women with degrees
3rd for exports of commercial services %	**1st** for low levels of protectionism	**1st** for attracting and retaining talent	**6th** for secure internet services
3rd for GDP per capita	**5th** for corporate tax	**2nd** for agility of companies	**8th** for human development index
4th for employment – long term growth	**8th** on democracy index	**3rd** for productivity	**9th** for higher education achievement
		7th for labour productivity	

Source: 2023 IMD World Competitiveness Yearbook

Ireland is innovative

Our ecosystem connects companies with world-class Irish academic research centres and we offer attractive incentives for business R&D activities.

2023 Global Innovation Index, Ireland ranks

2nd	Agricultural Science
2nd	Space Science
4th	Immunology
4th	Neuroscience and Behaviour
6th	Microbiology
7th	Materials Science
7th	Pharmacology and Toxicology

*SFI's ranking statistics are gathered via InCities by Clarivate Analytics

Impact 2030: Ireland's Research and Innovation Strategy addresses Ireland's social, economic and environmental challenges across five areas:

1 Research and innovation on our economy, society and the environment

2 Research and innovation structures on excellence and outcomes

3 Innovation on enterprise success

4 Talent at the centre of the research and innovation ecosystem

5 Research and innovation on Ireland's all-island, EU and global connectivity

Ireland is flexible

We consistently rank highly for ease of doing business – and that's by design, with pro-enterprise policies and structures to help companies set up and scale fast.

Our strong legal and regulatory landscape makes Ireland an attractive destination for multinationals. Irish regulators have a reputation for excellence.

Health

The Health Products Regulatory Authority (HPRA) boasts an international reputation in regulatory compliance.

EU

Ireland participates in EU regulatory fora and is represented by the relevant national authorities at European level.

Standards

The National Standards Authority of Ireland (NSAI) is Ireland's standards and certification authority.

Finance

The Central Bank of Ireland is the regulator of all financial services firms in Ireland.

Data

The Irish Data Protection Commission has a dedicated unit for multinational companies.

Ireland is competitive

We provide long-term stability and certainty for foreign direct investment, while our tax rates remains competitive.

Ireland remains committed to the OECD agreement which would see an effective global corporate tax rate of 15%.

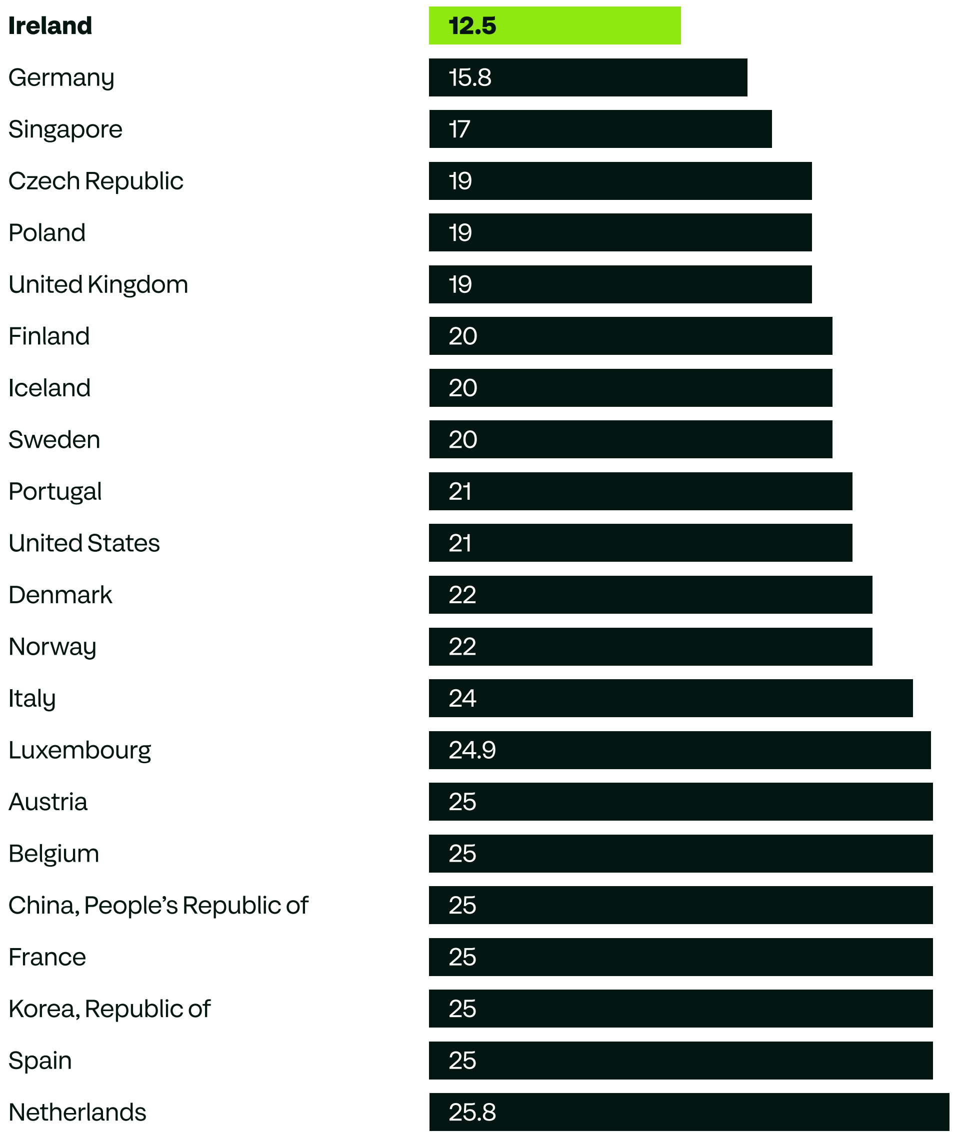
Global agreement will provide long-term certainty for business and investors in Ireland.

For all companies falling outside the scope of this agreement, Ireland will maintain its 12.5% corporate tax rates.

> We will remain an attractive location for investment and we will continue to play to our strengths, centred on a highly educated and dynamic workforce that has consistently delivered innovation and profitability over many decades to businesses that have made Ireland their home.
>
> **Ireland's Minister for Finance** — October 12th, 2021 on joining the agreement

Source: Corporate income tax (CIT) rates (pwc.com)

Corporate tax rates 2022 (%)



Ireland is building

The country's largest ever capital investment programme targets €165 billion to meet our future priorities for housing, climate and public transport.

Project Ireland 2040 aims to increase the quality of infrastructure in Ireland and enhance spatial planning for businesses and communities to thrive.

Revised National Development Plan allocates 5% of national income to public spending projects.

High levels of investment will transform Irish infrastructure including €35 billion dedicated to transport and active travel – the largest in the State's history.

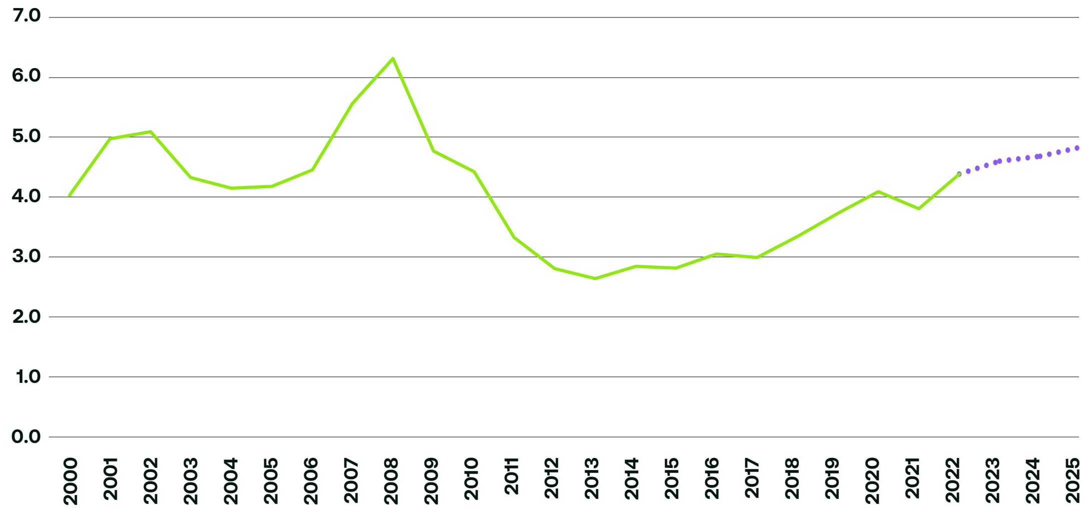
Ireland's housing challenges are similar to other fast-growing economies, due to strong economic performance, changing demographics and market conditions after the financial crisis.

The Irish Government's Housing for All strategy aims to address these challenges with the largest ever capital investment.

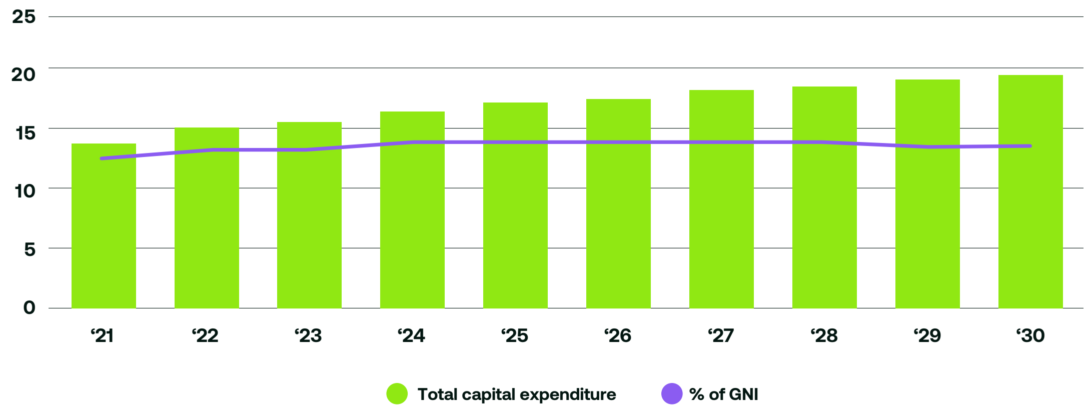
In 2022, house building in Ireland reached its highest level in over a decade.

Sources: Fiscal Assessment Report, May 2022 – Irish Fiscal Advisory Council (fiscalcouncil.ie)
Figure 3.18: Public investment being raised to high levels (data pack)
Department of Public Expenditure and Reform

Public investment % of GNI*



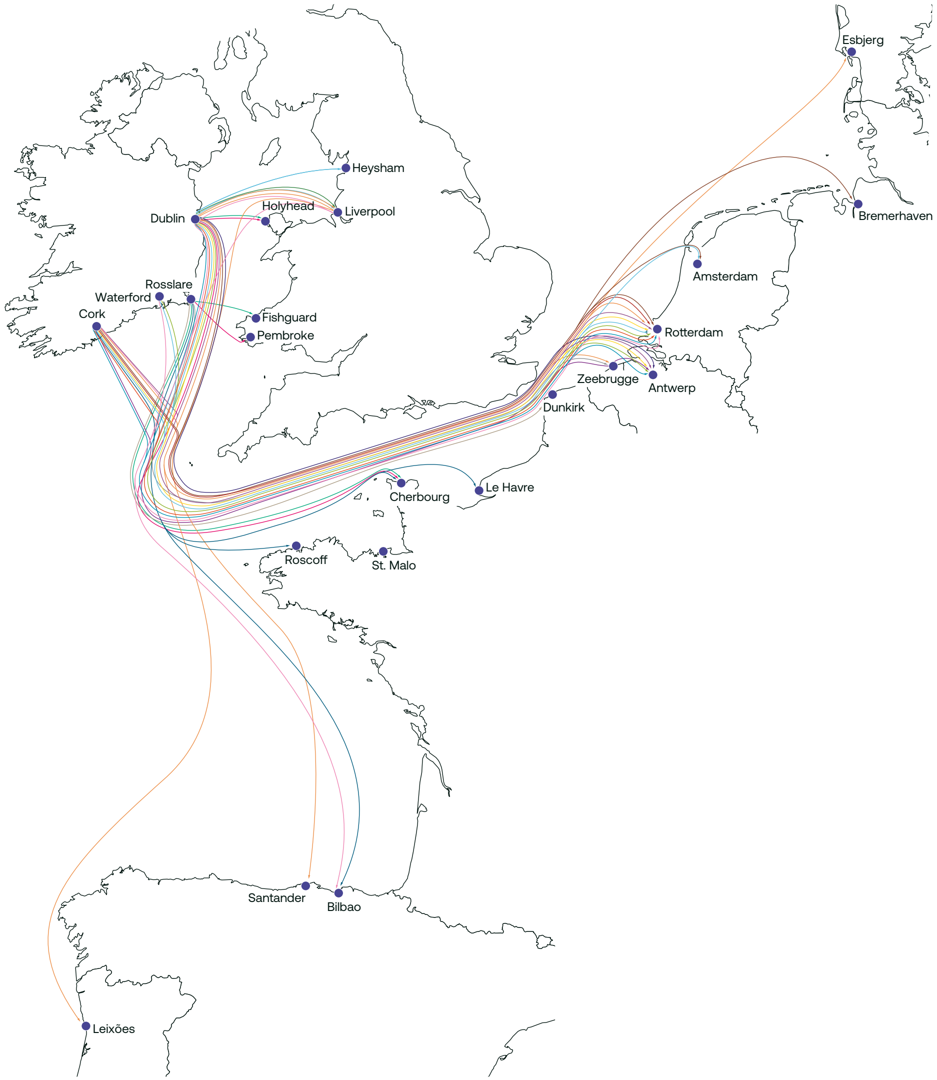
Public capital expenditure €165bn to 2030



Ireland is connected

We might be an island nation, but we have extensive transport links to Europe and the rest of the world.

- We have access to Britain's ports and roads as a land bridge for onward trade to the EU.
- We work with our partners to make sure this route remains open and efficient.
- Over recent years, we've diversified our access to continental Europe by adding new routes and extra capacity.



RoRo Routes

Brittany Ferries
Cork – Roscoff
Rosslare – Bilbao
Rosslare – Cherbourg
Rosslare – Le Harve (freight only)

CLdN Ro Ro SA
Cork – Esbjerg
Cork – Zeebrugge
Dublin – Esbjerg
Dublin – Leixões
Dublin (via Liverpool) – Santander
Dublin – Rotterdam
Dublin – Zeebrugge

DFDS
Rosslare – Dunkirk

Finnlines
Rosslare – Zeebrugge

Grimaldi Group
Cork (via Zeebrugge) – Antwerp

Irish Ferries
Dublin – Cherbourg
Dublin – Holyhead
Rosslare – Pembroke

P&O Ferries
Dublin – Liverpool

Seatruck Ferries
Dublin – Heysham
Dublin – Liverpool

Stena Line
Dublin – Holyhead
Rosslare – Cherbourg
Rosslare – Fishguard

Please note these routes are to provide an indication of services available and may not be exhaustive.

11-08-2022

LoLo Routes

BG Freight
Dublin – Antwerp
Dublin – Rotterdam
Waterford – Rotterdam

BG Freight/Leeside Shipping
Cork – Rotterdam

CMA-CGM
Cork – Rotterdam
Dublin – Rotterdam

DFDS
Cork – Rotterdam
Dublin (via Liverpool) – Bilbao
Dublin – Rotterdam
Waterford – Rotterdam

EUCON
Cork – Antwerp
Dublin – Antwerp
Dublin – Rotterdam

Evergreen Line
Cork – Rotterdam
Dublin – Antwerp
Dublin – Rotterdam

Maersk
Cork – Bremerhaven
Cork – Rotterdam
Dublin – Amsterdam
Dublin – Rotterdam

MSC
Dublin – Antwerp

Samskip Multimodal
Cork – Rotterdam
Dublin – Amsterdam
Dublin – Rotterdam
Waterford – Rotterdam

X-Press Containers/DSG
Cork – Rotterdam
Dublin – Antwerp
Dublin – Rotterdam

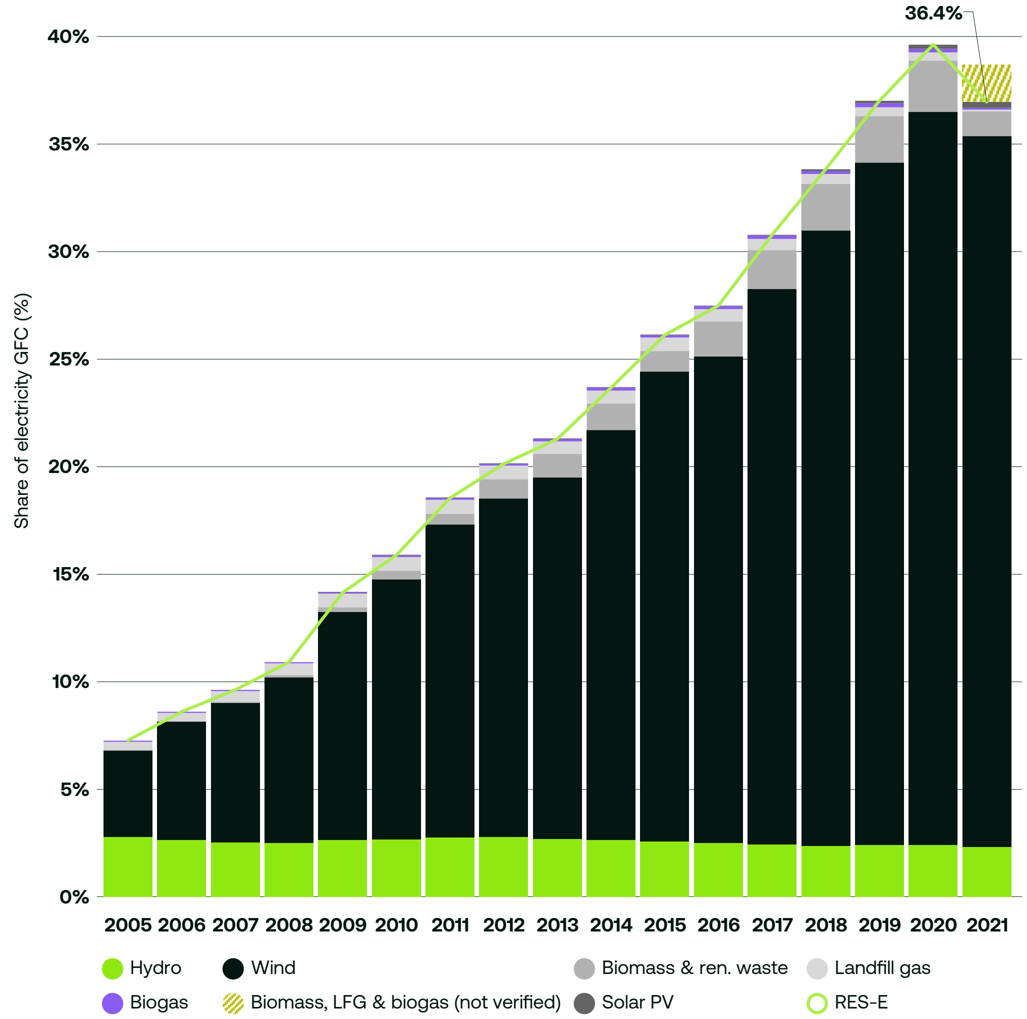
Source: Route Map | IMDO - Irish Maritime Development Office

Ireland is green

We're working hard to reduce carbon emissions, with strong government support – and we're helping enterprises on their sustainability journeys.

- Renewables play a growing role in generating electricity, reaching 36.4% in 2021.
- Supports are available to help companies mitigate their climate impact and manage the transition to more sustainable production.
- 35% reduction in enterprise emissions targeted for 2030 through improved energy efficiency and fossil fuel replacement.
- National and EU funding is available for decarbonisation projects including renewable energy, retrofitting, R&D and reskilling.

Renewable energy share of gross final consumption in electricity (RES-E normalised)



Source: Renewables | Energy Statistics In Ireland | SEAI

Ireland is proven

For decades, Ireland has been the destination of choice for world-leading established and high-growth multinational companies.

Sources:
9 of the top 10 Pharma Companies: 2022 Pharm Exec Top 50 Companies
14 of top 15 MedTech companies: The 2022 Top 30 Global Medical Device Companies The 2022 MPO Top 30 Medical Device Companies Report | Medical Product Outsourcing (mpo-mag.com)
9 of the Top Industrial Automation Companies: Top 10 Industrial Automation Companies in the World | Industrial Automation | Plant Automation Technology (plantautomation-technology.com)
The World's Largest Technology Companies In 2023: A New Leader Emerges (forbes.com)
8 of the top 10 US Technology Companies: Fortune 500 (2023)
22 of the top 25 Financial Services companies: Forbes Global 2000 (2022)

Leading global companies in high growth sectors choose Ireland

Pharmaceuticals
9 of the top 10

Medtech
14 of the top 15

Software
8 of the top 10 US companies

Financial services
22 of the top 25

Industrial automation
9 of the top 10

Ireland is welcoming

When multinational companies come to Ireland, they put down deep roots and commit to the long term.

50% of IDA Ireland clients have been here for 10+ years

Google | facebook | amazon
salesforce | PayPal | ebay

33% clients have been in Ireland for over 20 years

IBM | citi | Valeo | ORACLE
Pfizer | Boston Scientific Advancing science for life™ | intel
Medtronic | Microsoft | Baxter

1,796
IDA client MNCs in Ireland today

301,475
IDA client employment in Ireland today

Ireland is ready

For businesses needing advanced facilities, industrial space, or strategic sites, there are locations across Ireland to meet all needs.

IDA Ireland's regional property programme complements private sector developments, providing a range of building and infrastructure options.

After construction was limited during the pandemic, many office and industrial developments have restarted.

As organisations adjust to new ways of working, the market is responding with grey space and flexible leasing arrangements.

IDA property delivery programme 2021-2024

Ireland is global

IDA Ireland's extensive global office network means you're never far from someone who can help.

Europe

1 Ireland
2 France
3 Germany
4 United Kingdom

North America

5 Atlanta
6 Boston
7 Chicago
8 New York
9 Seattle
10 Northern California
11 Southern California
12 Austin
13 Toronto

Asia Pacific

14 Australia
15 China Beijing
16 China Shanghai
17 China Shenzhen
18 India
19 Japan
20 Singapore
21 Korea