

# DUBLIN ECONOMIC MONITOR

SPECIAL EDITION  
OCTOBER 2019



## Dublin startupweek™

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Dublin City Council



Ceiliúramis an Fhiontraíocht  
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Celebrating  
Entrepreneurship &  
Innovation in Dublin City



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21ú - 25ú Deireadh Fómhair

21st - 25th October

#StartupWeekDub



# CELEBRATE

Entrepreneurs, Innovation and Community

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## WELCOME TO

# TECHSTARS STARTUP WEEK DUBLIN SPECIAL INNOVATION EDITION OF THE DUBLIN ECONOMIC MONITOR



**Owen P. Keegan**

*Chief Executive,  
Dublin City Council*

Welcome to this special edition of the Dublin Economic Monitor (DEM) aimed at celebrating innovation and entrepreneurship as part of Techstars “Startup Week” Dublin, 2019.

The DEM is a joint initiative on behalf of the four Dublin Local Authorities designed to provide reliable coverage of the economic performance of the city region. In addition to highlighting the economic strength of the region, this special edition of the DEM has been specifically prepared to add insight and context to this year’s “Startup Week Dublin” with six articles from some of the key contributors to this event.

The recovery of the Dublin economy over the past 7 years has been remarkable. Employment has risen by over 30% and there are now more people with jobs in the Dublin region than ever before. Of particular significance is the fact that there are 50% more ICT jobs in the region now than at the height of the boom in 2007. This is a testament, in part, to the entrepreneurial, innovative and risk taking nature of the start-up community in Dublin that acts as an incubator for business innovation.

Here in Dublin we pride ourselves on our entrepreneurial outlook. Indeed, Dublin featured as an “Innovator City” by JLL in its recent research publication, “Demand and Disruption: The State of Global Cities 2019”. JLL recognised Dublin’s world-class capabilities in science and technology and its business climate that fosters innovation and entrepreneurship.



This document provides general information on the Dublin economy. It is not intended to be used as a basis for any particular course of action or as a substitute for financial advice. The document is produced independently by EY-DKM Economic Advisory Services; the views and opinions expressed are those of the relevant author, and do not necessarily reflect the views of the Dublin Local Authorities. The Dublin Local Authorities disclaim all liability in connection with any action that may be taken in reliance of this document, and for any error, deficiency, flaw or omission contained in it.



The research highlighted the role of global firms and noted that this is complemented by Government policy at both national and local level.

The local government sector supports startups at grassroots level. In Dublin City Council, this is the role of the Local Enterprise Office, which, with the support of Enterprise Ireland, offers training, mentoring and grant supports to fledgling businesses.

This is underpinned by the Dublin City Economic Development Office, which, through its involvement and support of projects and events, plays a more strategic role in fostering the entrepreneurial ecosystem in the city. This helps provide the conditions necessary for businesses to succeed.

The City Council actively supports a range of initiatives aimed at directly benefiting entrepreneurs and improving the environment for enterprises. Through our Smart Cities Programme, we encourage the development of new solutions to city challenges, which are innovative by nature and entrepreneurial by design.

In partnership with Enterprise Ireland, the Small Business Innovation Research (SBIR) programme provides the platform to meet these challenges. In addition, the City Council is allowing the city's infrastructure, specifically in the Docklands area, to be used as an innovation sand box through our Smart Docklands project.

Here 5G connectivity is currently being installed and tested. Delivered in conjunction with Trinity College Dublin, Dublin's Smart Docklands initiative has been recognised worldwide, recently placing first for Strategy in the fDi Intelligence's Smart Locations of the Future.

Collaboration with universities, SMEs, residents and technology companies has been a key to this success.

Dublin City Council is delighted to be powering Startup Week for the second year running, joining 58 other host cities across the globe who have seen the benefits of this initiative. There is a very ambitious programme with over 60 events across more than 40 venues in the City aimed at connecting the ecosystem and bringing innovative people together.

Entrepreneurs, local leaders, VCs, universities and state support agencies will join to build momentum and opportunity in the start-up ecosystem. Fittingly, the heart of the operation will be in the Civic Offices of Dublin City Council. Here a "Base Camp" will be open throughout the week to host events, provide drop in mentoring and networking and to act as a focal point for the entire week.

The week itself is organised around 7 tracks, each of which will have a designated leader, covering areas such as Technology, Entrepreneurship, Makers, Design, Innovation, University and Diversity & Inclusion. Speakers from across the country and the globe will share their insights across a diverse range of topics.

The week will celebrate the entrepreneurial and collaborative spirit of Dublin city and make a difference to the success of a start-up community.

We in Dublin City Council hope that the week will motivate, connect and inspire all of those involved and further help foster an environment where innovation and entrepreneurship can thrive.

I wish all involved with Startup Week Dublin every success! ■

**Dublin City Council is delighted to be powering Startup Week for the second year running, joining 58 other host cities across the globe who have seen the benefits of this initiative.**

 [DUBLINECONOMY.IE](https://dublineconomy.ie)

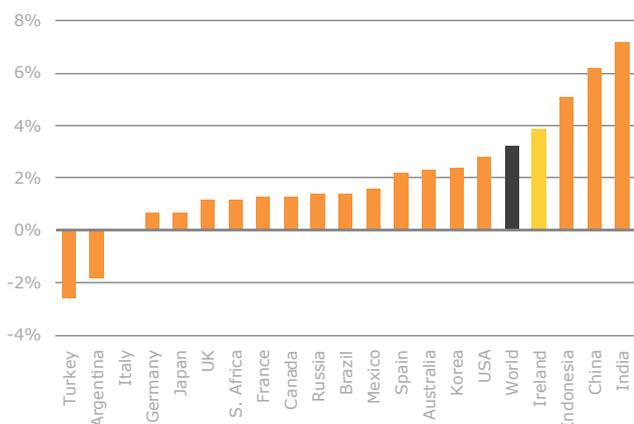
 [@DCCEconDev](https://twitter.com/DCCEconDev)

See the [dublinstartupweek.com](https://dublinstartupweek.com) website for further information, including the event programme

## GLOBAL ECONOMY

The OECD's most recent global growth forecast for 2019 has been revised down to 3.2% from 3.5% from their previous Economic Outlook publication. The downward revisions are predominantly due to the impact of trade tensions which are affecting investor confidence in addition to the direct trading impact. The possibility for a no-deal Brexit is an additional factor weighing negatively on outlooks, this has been further exacerbated by the new UK Prime Minister, Boris Johnson, indicating that he is willing to leave the EU without a deal. Global growth is projected to slow to 3.2% in 2019 before edging up to 3.4% in 2020.

### GDP FORECAST GROWTH, 2019



SOURCE: CENTRAL BANK OF IRELAND.

Growth could be significantly impacted if trade risks materialise between the USA and China, tariffs on EU exports to the USA are increased and the UK leaves the EU in October without a deal.

The OECD UK growth forecast is based on the assumption that the UK smoothly exits from the EU. Erosion of business confidence as a result of Brexit is expected to stifle investment until there is greater clarity surrounding the potential outcome. Growth forecasts for both the USA and the Euro Area - two of the UK's largest trading partners - have been revised downwards. The UK economy enjoyed a boost in the first three months of 2019 as businesses stockpiled goods. This boost dissipated during Q2 2019 with the United Kingdom Warehousing Association outlining that there is now no additional space available in warehouses in the UK.

### MAJOR ECONOMIES GDP GROWTH FORECASTS

	2018 % F	2019 % F	2020 % F
GLOBAL	3.5	3.2	3.4
UK	1.4	1.2	1.0
US	2.7	2.4	2.5
EURO AREA	1.8	1.2	1.4
GERMANY	1.5	0.7	1.2
JAPAN	0.8	0.7	0.6
CHINA	6.6	6.2	6.0
INDIA	7.0	7.2	7.4

SOURCE: OECD, MARCH 2018

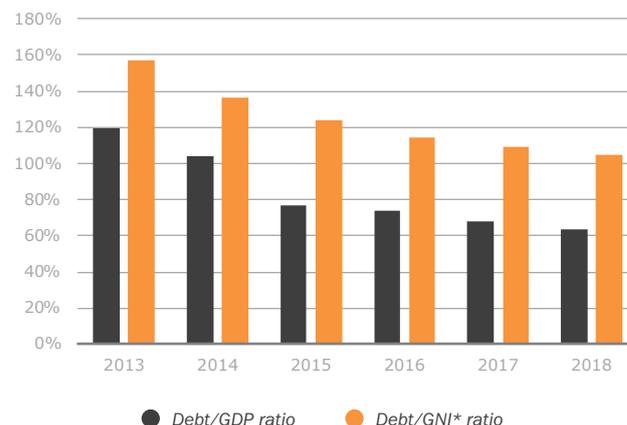
## NATIONAL ECONOMY

The Irish economy grew by 8.2% in GDP terms in 2018. Personal Consumption, an important indicator of domestic economic activity, grew by 3.4%.

GNI\*, a supplementary indicator of the size of the Irish economy which excludes globalisation effects, was €197 billion in 2018. This compares to a GDP level of €324 billion. GNI\* also reflects more accurately the situation regarding Ireland's debt levels – in 2018 the ratio of general Government Debt to GDP stood at 64%, while the debt to GNI\* ratio was 104% (April 2019 estimates).

Ireland's GDP growth is expected to remain robust, reaching 4.1% in 2019 and 3.3% in 2020 assuming a smooth Brexit process. Full time employment in Ireland grew by 62,600 in the year to Q1 2019 with part time workers increasing by 18,600 over the same period. The seasonally adjusted unemployment rate for Q1 2019 stood at 5.0% - the lowest rate since Q3 2007.

### DEBT-TO-GDP VS GNI\*, 2013-2018



SOURCE: CENTRAL STATISTICS OFFICE.

Employment is expected to grow by 2.8% in 2019 and consumption by 2.7%. Investment is also expected to increase during 2019 and 2020 while public expenditure is also forecast to increase. The allocations set down in Budget 2020 were based on a "no deal" outcome as the Government may need to allocate funds to vulnerable sectors to protect against a disorderly Brexit.

### IRISH MACROECONOMIC GROWTH FORECASTS

	2019 % F	2020 % F
GNP	3.8%	3.5%
GDP	4.1%	3.3%
PRIVATE CONSUMPTION	2.7%	2.3%
PUBLIC EXPENDITURE	5.5%	4.1%
INVESTMENT	7.1%	5.7%
EXPORTS	5.0%	4.7%
IMPORTS	5.7%	5.4%
UNEMPLOYMENT RATE	4.8%	4.5%
EMPLOYMENT	2.8%	1.8%
MODIFIED FINAL DOMESTIC DEMAND	4.1%	3.6%
MODIFIED TOTAL DOMESTIC DEMAND	3.8%	3.2%

SOURCES: EY-DKM FORECASTS E: ESTIMATE F: FORECAST



# DUBLIN TOPS THE LIST OF MOST ACCESSIBLE TOURIST CITIES IN EUROPE

Internationally published benchmarks are a useful means of measuring a city's performance relative to its peers, and recent indicators for Dublin confirm the city's strong showing across a range of dimensions (see table below).

The Mercer Cost of Living report ranks Dublin 43rd, largely driven by the high cost of renting in the capital. In spite of this, Dublin still remains an attractive location for business. EY's latest Financial Services Brexit Tracker outlines that Dublin remains the most desirable location for relocation due to Brexit with Luxembourg a close second.

The future landscape for the business start-up sector in Dublin remains positive. AT Kearney's Global Cities Outlook 2019 sees Dublin climbing 24 places in the ranking since 2018 to 9th position. Dublin showed improvement in each

of the individual indicators; increases were observed in personal well-being (up 5 places), economics (up 33 places), innovation (up 14 places) and governance (up 13 places). The Startup Genome 2019 Global Startup Ecosystem Report ranks start-up ecosystems based on performance, funding, market reach, connectedness, talent, experience and knowledge.

Dublin is now ranked in the top 30 (26-30) for the first time. Furthermore Dublin is ranked as the number one tourist destination for accessibility (e.g. accessible transport, hotels, and tourist attractions) in Europe by Alpharooms, citing hotel/ attraction accessibility as well as public transport as key factors.

While Dublin remains a highly desirable relocation city due to Brexit, challenges remain. The TomTom Traffic Index ranked

Dublin 14th out of 403 cities across 56 countries for traffic congestion, which may factor into attracting and retaining talent in the future. A recent Savills' report outlined that 61% would not add 15 minutes to their commute in order to secure their ideal job. That said, the take up of office space in Dublin reflects a very buoyant labour market in the capital. According to CBRE's Dublin Office MarketView for Q2 2019 office take-up during the quarter reached more than 45,000 sq m. This brings to 152,201 sq m the total take-up in the first half of 2019.

University College Dublin (UCD) was the only Dublin-based University that recorded an improvement in the QS World University Rankings 2020. UCD jumped eight places to 185th, while Trinity College Dublin slipped four places to 108th and Dublin City University fell seven places to 429th.

## DUBLIN'S LATEST INTERNATIONAL RANKINGS

SOURCE	BENCHMARK CRITERIA	YEAR	RANKING	CHANGE <sup>‡</sup>
Alpharooms Top 10 most Accessible Cities in Europe	Tourist attractions, public transport and hotels	2019	1	-
Mercer Cost of Living City Ranking	Cost of consumer goods and services	2019	43	▼
Deutsche Bank Mapping the World's Prices	Monthly ticket for public transport measured in USD	2019	2	-
AT Kearney Global Cities Outlook Rank	Personal wellbeing, economics, innovation and governance	2019	9	▲
EY Financial Services Brexit Tracker	Financial services considering or confirmed relocation	2019	1	-
Startup Genome Global Startup Ecosystem Report 2019	Performance, funding, market reach, connectedness, talent, experience	2019	26-30	-
TomTom Traffic Index	Congestion levels	2018	14	▲
Global Talent Competitiveness Index	Regulatory, market and business/labour landscape, external and internal openness, education and access to growth opportunities and, sustainability and lifestyle	2019	35	▼
fDi Smart Locations of the Future 2019/2020	Economic potential, innovation and attractiveness, FDI performance, cost effectiveness and connectivity	2019	1	-
The Economist Intelligence Unit Worldwide Cost of Living 2019	Price comparison across 160 products and services	2019	19	-
ECA International 2019	Average rental prices for a three-bedroom apartment in the mid-range of the expatriate market	2019	26	▲
International Monetary Fund Global Financial Stability Report April 2019	Average Annual Real House Price Growth in Selected Economies and Cities	2019	1	-
QS World University Rankings	University quality	2020	108*	▼
IMD World Talent Ranking	Developing, attracting and retaining high skilled workers	2018	21	▼
WorldFirst European Buy-to-Let League	Property and rental prices	2018	1	-

\* TCD. †CHANGE ON PREVIOUS PUBLICATION OF THE RELEVANT BENCHMARK. AN UPWARD-POINTING ARROW DENOTES AN IMPROVEMENT.

# A CELEBRATION OF ENTREPRENEURS, INNOVATION AND COMMUNITY

“To Celebrate Entrepreneurs, Innovation and Community”, that is the goal for the 2019 edition of Start-Up Week Dublin, powered by Dublin City Council



**Colin Keogh,  
David Pollard,  
Gene Murphy**

*Co-organisers of  
Startup Week Dublin*

**As an inaugural year, the 2018 iteration of Startup Week Dublin couldn't have been more successful.**

The original organising team of Gene Murphy and David Pollard managed the unimaginable by organising a week-long series of events which attracted over 2,500 attendees to 54 events with 115 speakers spread across 32 venues in Dublin, all during a rainy November week.

All of our events couldn't happen without the support of the Entrepreneur and Innovation community in Dublin - from the funding, support and mentorship

provided by Dublin City Council, the Local Enterprise Offices, and Enterprise Ireland to the hard work from community leaders and event organisers.

There is an amazing Enterprise and Innovation community in this fair city, and it's our pleasure to get to work with them on a daily basis.

The Entrepreneurial sector is growing in Dublin, with the capital being the center of new company startups in 2018. 10,313 new companies were established in Dublin last year, nearly half (46%) of all new companies in Ireland, up 1% on the previous year.

This is due in no small part to the actions of Local Government, who supports this activity through initiatives from their Local Enterprise Offices (LEOs). In 2018, the LEO network nationally, directly invested €18.2M in over 1,259 business projects, which in turn supported the creation of 3,656 new jobs.

We are delighted to present this year's iteration of Techstars Startup Week Dublin, powered by Dublin City Council, which returns to the City for its second year from 21-25 October 2019.

Building on the impact, and success of last year's event, Startup Week Dublin will bring together an even more diverse and extensive array of content, events and entrepreneurs via a number of exciting content tracks.

**Our 2019 tracks include:**

- ▶ Entrepreneurship 101 Track
- ▶ Innovation Track
- ▶ Technology Track
- ▶ Design Track
- ▶ Maker Track
- ▶ Diversity & Inclusion Track
- ▶ University Track

There will be content for everyone, from the earliest stages of an idea right up to serial entrepreneurs looking to give back.

Each day we will have specially chosen content running at our “Base Camp”, which will host a range of talks, panels and keynotes running from 10:00am - 3:00pm across a range of topics. These Base Camp talks will take place in the epicentre of Startup Week Dublin, Dublin City Council Civic Offices on Wood Quay.

This will act as the centre point for all our daily activities, with community driven events happening after 5pm all over the city. With over 60 events spread over nearly 40 venues around the city, we hope to welcome & connect with more than 3,000 attendees over five days.

This year we have even collaborated across borders, encouraging all-island collaboration on the cusp of Brexit. The NxSTech 'Northern Ireland startup tech on tour' hosted by Startacus event will showcase NI startup technology in Dublin, whilst also discussing startup collaboration between NI and ROI - the differences, challenges, similarities and opportunities



to co-create, co-innovate and diversify startup talent across the island of Ireland.

As in 2018, this year's event would be impossible without all the generous people in the Entrepreneurship & Innovation community of Dublin, guided by our amazing track captains;

- ▶ Natalie Novick
- ▶ Kim Mackenzie-Doyle
- ▶ Catherine Madden
- ▶ Vicky Twomey-Lee
- ▶ Furkan Karayel
- ▶ Talita Holzer
- ▶ Dr. Roisin Lyons.

Dublin Startup Week 2019 is supported by Dublin City Council, Enterprise Ireland and Smart Dublin, a huge array of advisors from across the ecosystem and by all the brilliant event organisers across the city.

All these players have come together to build yet another amazing programme, which will once again bring together entrepreneurs, innovators, local leaders and the community over the five-day period to build momentum and opportunity around the unique entrepreneurial and innovative identity of Dublin.

## The large lineup of exciting events includes:

-  Enterprise Ireland Innovation Day
-  Upstarter - Teaming up for Ireland's largest technology recruitment event
-  NASA - Space APP challenge event
-  Dublin BIC Funding and Scaling Session in Facebook HQ
-  The Return of Dublin Beta
-  Social & Networking events across Dublin

We are delighted to partner with Dublin City Council to introduce this special Innovation & Entrepreneurship edition of the Dublin Economic Monitor and we extend a warm welcome to everyone wishing to attend Startup Week Dublin 2019.



# WHAT INNOVATION MEANS TO ENTERPRISE IRELAND

Enterprise Ireland sees a multidimensional approach to innovation as more likely to deliver the improved business results and strengthen the competitiveness of Irish companies in international markets.



**Stephen Creaner,**  
*Executive Director,  
Enterprise Ireland*

Innovation is essential for all businesses to ensure they sustain competitiveness, improve productivity, and build resilience. As the global rate of change continues to accelerate, the case for prioritising innovation has become even more compelling. Increasingly, we at Enterprise Ireland have observed that the companies who perform best are innovating right across their business – whether this applies to their processes, products, or even their entire business model.

The challenge for companies who have such a broad range of innovation choices available to them, and who are operating within competitive environments that are becoming more and more complex, is no longer just about prioritising innovation but understanding how to do it effectively – by choosing the right innovation options, and executing quickly. This is where we at Enterprise Ireland see our role in supporting companies on their innovation journeys.

As the government agency responsible for the growth of Irish-owned businesses abroad, we work in partnership with companies we support, to help them to start, grow, innovate and win export sales in global markets.

Traditionally, we've observed that most companies think first of product innovation, developing their solutions to respond to advances in technology and changes



in customer demand, in order to grow and maintain sales. It is our view that considering the business's capacity for making processes such as manufacturing more effective, or adapting the business model to, for example, target new markets, is equally essential.

This multidimensional approach is more likely to deliver the improved business results that help to grow exports and strengthen the competitiveness of Irish companies in international markets.

To drive this innovation agenda, Enterprise Ireland works with Irish research institutions to secure commercial purposes for technologies and ideas developed within them. We do this by providing direct funding to researchers to commercialise their work and to drive the commercial return on the State's research investment.

In addition, Enterprise Ireland provides support direct to companies to develop new technologies and processes that will lead to increased competitiveness and market opportunities for their businesses.

We also provide funding specifically for projects focused on radical changes to how a company does business. Such projects may involve a profound change to the business model, such as implementing a new service delivery or production method. The most truly innovative projects often involve a level of risk, beyond the more common implementations of routine changes and adoption of best practices.

While all companies engage in innovation, those who engage with focus and commitment within a multifaceted approach enjoy better results when translating their innovation effort into



commercial performance. The very essence of innovation is to engage in developing better customer offers, in reducing waste, shortening timescales, increasing output – and ultimately, in delivering enhanced customer value.

A focus on innovation drives organisations forward, whether by using continuous improvement to maintain competitiveness, developing or refreshing products to extend their lifecycles, or creating new services, operating and business models. A multifaceted innovation focus approaches the business’s products, processes and plans cohesively with an eye to how each can best be adapted to scale growth.

International competitors are continually developing, by offering new ways to do business and leveraging the capabilities of new technologies. We must ensure that Irish enterprises drive innovation investment, and the right kind of innovation investment, to continue to grow and diversify in the face of this increasingly competitive marketplace.

The pace of change will never be slower than it is today, and we must adapt to

**It is particularly pleasing to note that firms who work with Enterprise Ireland and avail of our innovation supports and incentives perform substantially better in turnover, exports and added value.**

this challenge. It is essential that the companies we support have market attractive offerings that generate sufficient margins to enable them to address turbulent market conditions and reinvest in growing their businesses. This is a key factor if we are to grow companies of scale.

The evidence gathered over several years across our client base points to superior performance by those firms who

consistently invest in innovation, and importantly, in the right kinds of innovation. It is particularly pleasing to note that firms who work with Enterprise Ireland and avail of our innovation supports and incentives perform substantially better in turnover, exports and added value. The data also shows that firms who collaborate with others, particularly the research community, generate even better outcomes.

Enterprise Ireland is conscious that many of our clients are necessarily focused on dealing with the urgent issues of the day, not least the impact of Brexit. Nevertheless, we urge that they should not lose sight of the need to continually develop their market offers to remain competitive. With these major issues at play, we must be mindful of the vital importance of ensuring a continual focus on innovation to build resilience and to successfully address the significant challenges facing us all.

See the [dublinstartupweek.com](http://dublinstartupweek.com) website for further information, including the event programme

# THE RISE OF ENTERPRISE AND CO-WORKING SPACES IN DUBLIN

One key condition to enable entrepreneurship is the provision of suitable space.



**Norman Thompson**  
*Economic Development  
Researcher  
Dublin City Council*

Entrepreneurship and the creation of start-ups are increasingly important and recognised drivers of economic growth, employment and innovation globally and indeed in Ireland. As almost one in five people aspire to start a business in Ireland and as entrepreneurial activity continues to develop<sup>(1)</sup>, the importance and impact of entrepreneurship is set to increase further.

Entrepreneurship is enabled to thrive when various eco-system conditions such as: policy, finance, taxation, education, structure, support, training, research and development transfer, infrastructure and bureaucracy are positively and proactively designed, structured and implemented. Another key condition is the provision of suitable space from where entrepreneurs, start-ups and enterprises can be based, supported and developed.

Along with start-ups, the associated spaces from which they are based have been playing host to various and dynamic changes. Increasingly in place of traditional, separate and disjointed spaces are integrated, multi-serviced and connected enterprise and co-working spaces around the world.

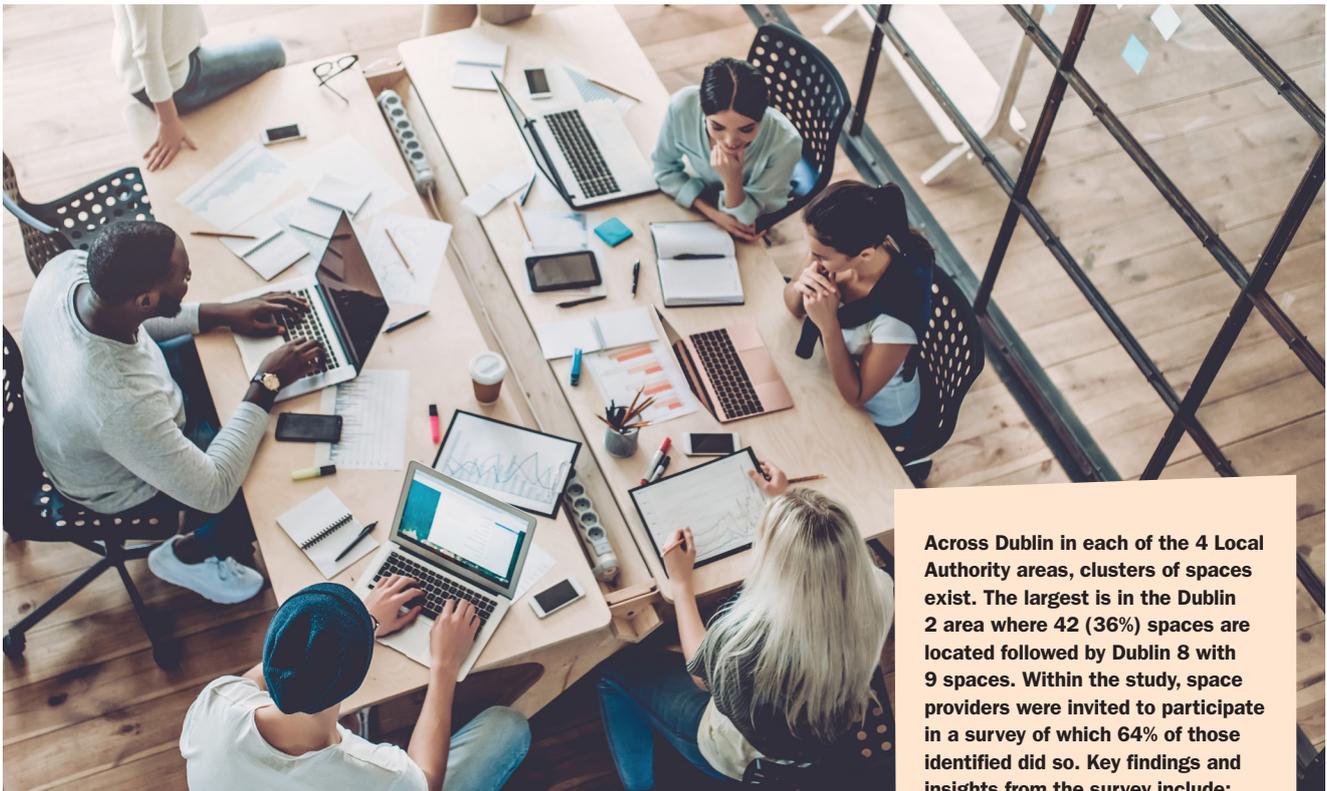
Some attribute the rise of co-working to the impact of the global financial crisis of 2007 when entrepreneurs and professionals sought a leaner, cheaper and more flexible space to work from<sup>(2)(3)</sup>. Other factors include the increase of the 'sharing economy' where people engage in sharing: lifts, accommodation, equipment and workspace<sup>(4)</sup> etc. as well as the 'gig' economy where workers engage in short-



**Enterprise and co-working spaces in Dublin are significantly contributing to and enhancing the start-up ecosystem.**

term or freelance arrangements. Gig based workers predominantly favour flexible, community orientated and serviced space where they can network and collaborate with other professionals.

Enterprise centre based working has also increased as both the public and private sector has sought to support entrepreneurs and start-ups through developing centres where relevant supports, infrastructure and space is clustered to strategically aid the incubation and growth of new businesses. Enterprise and co-working spaces provide



**Across Dublin in each of the 4 Local Authority areas, clusters of spaces exist. The largest is in the Dublin 2 area where 42 (36%) spaces are located followed by Dublin 8 with 9 spaces. Within the study, space providers were invited to participate in a survey of which 64% of those identified did so. Key findings and insights from the survey include:**

- The majority (59%) of enterprise and co-working spaces were established in the last 10 years (2018-2008). Furthermore, growth of new spaces has increased over the last 5 years
- Almost half the respondents plan to expand existing locations or to establish new locations and the majority plan to offer new supports / services to clients and upgrade infrastructure
- Approximately 200 people are directly employed by spaces
- A very slight majority (51%) of space providers operate on a not for profit basis
- The most prevalent type of space provided is office (56%), followed by workshop / studio (29%) and warehouse (16%)
- The majority provide office units, hot desk, co-working space and numerous services and supports
- There are approximately 2,500 enterprises and 10,000 people based at the respondents' spaces
- The majority (55%) of spaces currently have between 0-20% capacity available.

start-ups, entrepreneurs and freelance workers with much needed space, services, supports or links to supports and access to networks, knowledge and collaboration opportunities. These spaces therefore constitute a vital element of the start-up and enterprise ecosystem.

In line with international trends, spaces where start-ups and entrepreneurs are based are shifting towards co-working and enterprise centre models in Ireland and most prevalently in Dublin. This trend along with sector insights was highlighted in a recent study conducted by Dublin City Council on enterprise and co-working space in Dublin.

As part of the study; enterprise and co-working space was identified which as well as space, provides a level of enterprise ecosystem support beyond operating on a sole landlord basis. Identified space providers operate as either innovation, enterprise, co-work - centres, spaces or hubs and in addition to space provide supports such as networks, advice, training, events and mentoring.

114 enterprise and co-working spaces are operated by 61 providers within Dublin. Interestingly, the vast majority (46 or 75%) of space providers operate one space in Dublin which accounts for 39% of current spaces.

However, a minority (15 or 25%) of providers operate multiple spaces across the county which accounts for the majority (61%) of spaces.

Stemming from this study is a further indication that enterprise and co-working spaces in Dublin are significantly contributing to and enhancing the start-up ecosystem.

On account of the diverse and increasing provision of entrepreneurship and start-up space as well as the further development of the eco-system, Dublin is set to continue being a national and international hub for new start-ups<sup>(5)</sup>.

Going forward however, it will be interesting to see to what extent the rise of enterprise and co-working spaces in Dublin continues and how it contributes to entrepreneurship and start-up development ■

1. GEM - Entrepreneurship in Ireland 2018  
 2. Janet Merkel - Coworking in the City  
 3. Bruno Moriset - Building new places of the creative economy.  
 4. Ricarda Bouncken & Andreas Reuschl: Co-working spaces  
 5. CRIF Vision-net Annual Review 2019 Business Barometer

See the [dublinstartupweek.com](http://dublinstartupweek.com) website for further information, including the event programme

# EVENTS SCHEDULE

## FRIDAY OCTOBER 18<sup>TH</sup>

NASA Space Apps Challenge	19:00 - 21:00	WeWork Labs, Charlemont Exchange
Startup Weekend Dublin Social Innovation	18:00 - 22:00	Consensys

## SATURDAY OCTOBER 19<sup>TH</sup>

Hackathon 4 Good	09:00 - 17:00	New Relic Dublin Office
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## MONDAY OCTOBER 21<sup>ST</sup>

Startup Week Dublin Official Opening	07:30 - 09:00	Dublin City Council Civic Offices
Founder Fireside Chat - Special Guest	10:00 - 11:00	Dublin City Council Civic Offices
High Potential Start-Up Business Simulation Competition	10:00 - 18:00	Wood Quay Venue
Branding for Unicorns	11:00 - 12:00	Dublin City Council Civic Offices
Pre Seed Funding Panel	12:00 - 13:00	Dublin City Council Civic Offices
Recommending People Like You: How Kmend can get your business network really networked	12:00 - 14:00	Kmend Limited
How to Use Market Research Effectively	13:00 - 14:00	Central Library
Investment Fireside with Techstars' Connor Murphy	13:00 - 14:00	Dublin City Council Civic Offices
What Can HPSU do for U? EI panel	14:00 - 15:00	Dublin City Council Civic Offices
Validating your StartUp Idea - The Detective approach to Entrepreneurship	13:00 - 18:00	Wood Quay Venue
Pitching 101: Elevating your Idea	14:00 - 15:00	Tangent
Maker Monday	15:00 - 16:00	Dublin City Council Civic Offices
Upstarter Recruitment Event	17:00 - 21:00	The Round Room
Techfugees Ireland First Meetup	18:00 - 20:00	Dogpatch Labs
Startup Week Dublin Opening event at Facebook	18:00 - 20:30	Facebook HQ, Dublin
Student TAG evening	18:30 - 20:00	Talent Garden

## TUESDAY OCTOBER 22<sup>ND</sup>

Grangegorman Business Breakfast for Social Enterprises	08:00 - 09:30	TU Dublin Grangegorman Campus
Profit with Purpose - How to drive positive change with your startup	08:30 - 10:30	Wood Quay Venue
Founder Fireside Chat - Special Guest Conor O'Loughlin of Glofox	10:00 - 11:00	Dublin City Council Civic Offices
Funding Panel - Seed & Beyond	11:00 - 12:00	Dublin City Council Civic Offices
VC Fireside chat	12:00 - 13:00	Dublin City Council Civic Offices
What does digitisation really mean for financial services?	12:30 - 14:30	FPAI, Molesworth St., Dublin 2
SME Engagement for Skills & Growth	12:30 - 15:00	Wood Quay Venue
Pitching with Panache at Trinity tangent	14:00 - 15:00	Trinity tangent space
Base Camp Workshop - Aliens and Astronauts: a Diversity Training Game	14:30 - 17:00	Dublin City Council Civic Offices
Everything you want you know about starting a business - the A-Z of starting a business	18:00 - 20:00	Bank of Ireland Grand Canal Dock
New Frontiers - from idea to successful start-up!	18:00 - 21:00	1 Windmill Lane, Dublin 2
Dublin Beta's Back for One Night Only	18:00 - 21:00	WeWork Labs, Charlemont Exchange
Celebrating Social Entrepreneurs	18:00 - 21:00	Wood Quay Venue
DCU Startup Hack	18:00 - 22:00	DCU U building
Entrepreneurial Journeys	18:00 - 20:00	Tramline, Hawkins Street, Dublin 2
How Mindfulness and Compassion can help to build more resilience for entrepreneurs?	18:30 - 20:00	Talent Garden
Be part of The Low-Code App Revolution	18:30 - 20:30	Dogpatch Labs
10 Proven Actionable Steps You Can Implement Today To Start Generating More Leads	18:30 - 20:30	WeWork, Dublin Landings
Selling DIY Electronic Creations	19:00 - 20:30	TOG Hackerspace
You test your code - why aren't you rigorously testing with customers?	19:00 - 20:30	The Digital Hub



### WEDNESDAY OCTOBER 23<sup>RD</sup>

Enterprise Ireland - Empowered by Innovation	09:00 - 16:00	Guinness Enterprise Centre
Smart Mobility SBIR Showcase with Smart Dublin	08:30 - 10:30	Dublin City Council Civic Offices
Digital Hub Lunch & Learn	13:00 - 14:00	The Digital Hub
Mind Over Matter Design Panel at the Startup Week Base Camp	13:00 - 14:00	Dublin City Council Civic Offices
Digital with a Difference - UX talk on differentiation	14:00 - 15:00	Dublin City Council Civic Offices
Troubleshooting Your Hiring	14:00 - 17:00	Huckletree D2
Human-Centered Innovation For Entrepreneurs	14:30 - 17:30	Wood Quay Venue
Innovate or Die at the Startup Week Dublin Base Camp	15:00 - 16:00	Dublin City Council Civic Offices
Growing a Business in Turbulent Times, Advice from Dublin Entrepreneurs	15:30 - 20:00	Council Chamber, Civic Centre, Ballymun
Product for Purpose at Startup Week Base Camp	16:00 - 17:00	Wood Quay
Study & StartUps: How to how Leverage both	18:00 - 20:30	Tangent
Startup Table Quiz - Mind Over Matter	18:00 - 21:00	Wood Quay
Entrepreneur Evenings	18:30 - 20:30	The Tara Building
Sharpen your sales skills and sales mindset	18:30 - 20:30	The Outhouse
Spin In Spin Out: Start-ups from #DeepTech Research	18:30 - 20:30	O'Reilly Institute, TCD
StartAbility	18:30 - 21:30	The Digital Hub

### THURSDAY OCTOBER 24<sup>TH</sup>

Dublin BIC Funding & Scaling Event	07:45 - 10:00	Facebook HQ, Dublin
Techstars Day at Startup Week Base Camp	10:00 - 16:00	Dublin City Council Civic Offices
The Fearless Entrepreneur Masterclasses	10:00 - 17:30	Tangent
PropTech Ireland: Use Cases For Artificial Intelligence in Real Estate	15:00 - 17:30	RDS Members Club
What is Entrepreneurship?	17:00 - 19:00	DCU U building
Funding Options for Scaling Companies with PwC	17:00 - 19:30	PwC
Your First Hires - The Founder and the Recruiter perspective	17:15 - 18:30	Spaces South Docklands
NXSTech - NI startup tech on tour!	18:00 - 21:00	Huckletree
Business Opportunities of the Circular Economy	18:00 - 21:00	Wood Quay Venue
THE SME DIVERSITY TOOLKIT - Diversity, Acceptance and Inclusion at Work	18:30 - 20:30	The Outhouse
Connected health in Ireland - how we shape it and how we make it	18:30 - 20:30	The Digital Hub
Essential Supports for Entrepreneurs - Who's Out There to Help	18:30 - 19:30	Central Library
National Startup Awards sponsored by Enterprise Ireland	19:00 - 23:00	Dublin City Hall

### FRIDAY OCTOBER 25<sup>TH</sup>

First Friday Brekkie with Special Guest at Startup Week Base Camp	08:00 - 09:30	Dublin City Council Civic Offices
LEO Dublin City Mentor Mashup at Startup Week Base Camp	10:00 - 13:00	Dublin City Council Civic Offices
Community Spotlights at Startup Week Base Camp	13:00 - 15:00	Dublin City Council Civic Offices
The Resilient Startup	15:00 - 16:00	Dublin City Council Civic Offices
Startup Week Dublin Official Closing Event and Wrap Party	18:00 - 20:00	Wood Quay
#GoingFar	17:00 - 20:30	Microsoft Ireland
Startup Week Dublin Closing Event at DCC Woodquay	18:00 - 20:30	Wood Quay
Young Frontier	18:00 - 21:00	DCU U building

Please visit [dublinstartupweek.com](http://dublinstartupweek.com) for the most up to date schedule.  
Schedule correct as October 10th.

GET CONNECTED  
AT #DTS20

21 - 23 APRIL  
RDS DUBLIN

# DUBLIN TECH SUMMIT

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*In partnership with*



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Dublin City Council



Supported by Dublin City Council, Dublin Tech Summit (DTS20) connects the Irish and international technology and investment communities. DTS20 enables business leaders, tech visionaries and prominent investors to engage, conduct businesses and accelerate growth.

**10,000 ATTENDEES // 1000 COMPANIES // 70 COUNTRIES // 1 CITY**

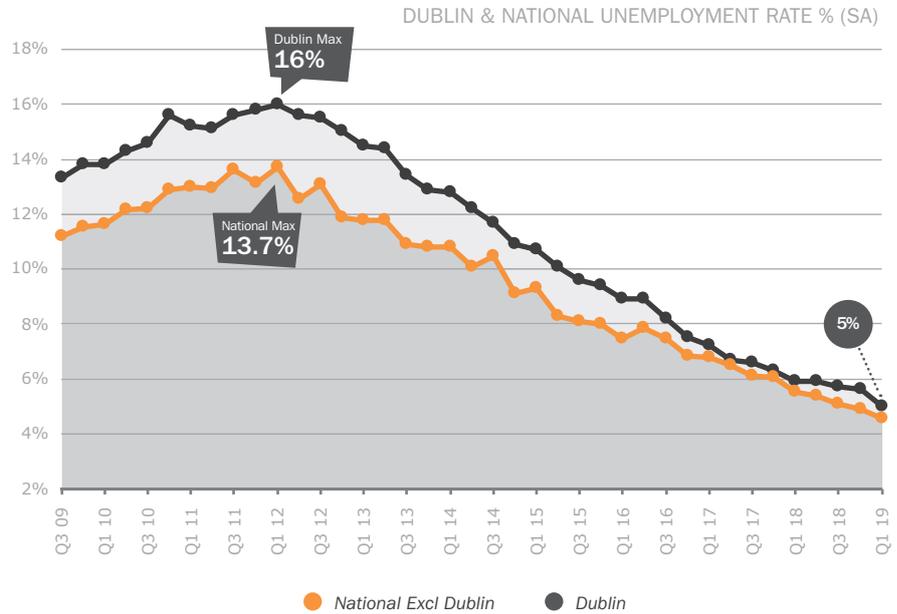
[DUBLINTECHSUMMIT.COM](http://DUBLINTECHSUMMIT.COM)



# OVER 20,000 ADDED TO DUBLIN WORKFORCE IN 12 MONTHS

Dublin's unemployment rate has fallen to 4.6% in Q1 2019, representing the lowest rate since Q4 2007. The unemployment rate is now 9 percentage points lower than at its highpoint in 2012. There are now 706,000 people employed in the capital with an additional 5,800 people added to the workforce in the first quarter of the year. Nationally, the unemployment rate is now 5%, a rate last seen in 2007.

SOURCE: CSO LFS. DUBLIN SEASONALLY ADJUSTED BY EY-DKM.



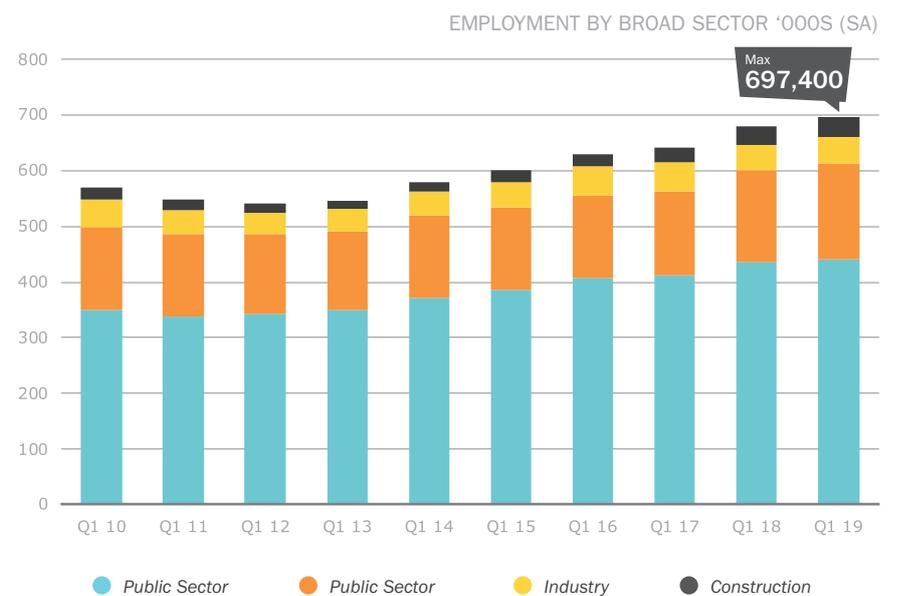
Q1 '19	
DUBLIN UNEMPLOYMENT (SA)	4.6%
YEAR ON YEAR CHANGE % POINTS (SA)	-0.9
DUBLIN EMPLOYMENT '000S (SA)	706
YEAR ON YEAR CHANGE '000S (SA)	+20.7

# EMPLOYMENT IN CONSTRUCTION AT 10 YEAR HIGH



Private Sector Services employment (excl. Construction and Industry) recorded growth of 1.2% YoY in Q1 2019 while the Public Sector registered annual growth of 4.5%. Public Administration and Defence (14.7% YoY) continues to be the largest driver of Public Sector employment growth recorded in Dublin in Q1 2019. Employment in Construction continues on an upward trend with 35,600 (+8.5% YoY) now employed in the sector. This is the highest level recorded since Q1 2008 when 48,300 were employed.

SOURCE: CSO. SEASONALLY ADJUSTED BY EY-DKM NOTE: INDIVIDUAL SECTOR VALUES MAY NOT SUM TO TOTAL DUE TO ROUNDING



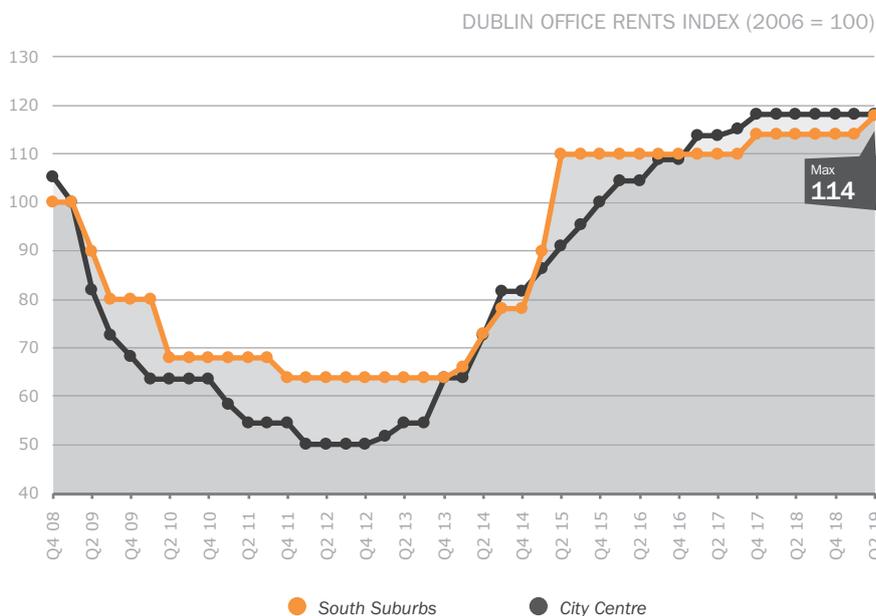
Q1 '18	
SERVICES EMPLOYMENT '000S (SA)	612.6
YEAR ON YEAR CHANGE '000S (SA)	12.4
INDUSTRY & CONSTR. EMPLOYMENT '000S (SA)	84.8
YEAR ON YEAR CHANGE '000S (SA)	6.0

# SOUTH SUBURB RENTS INCREASE 3.5% YOY IN Q2 2019



Following five quarters of no change the index of office rents in Dublin's South Suburbs registered growth of 3.5% QoQ and now stand at 118 points in Q2 2019. Office rents in the City Centre remain unchanged at 118.2 index points. This represents the sixth consecutive quarter of 0.0% QoQ change in the index. Rents remain at the highest level since the series began in 2006. The City Centre may be becoming saturated and demand is now starting to spread out to the suburbs.

SOURCE: CBRE.



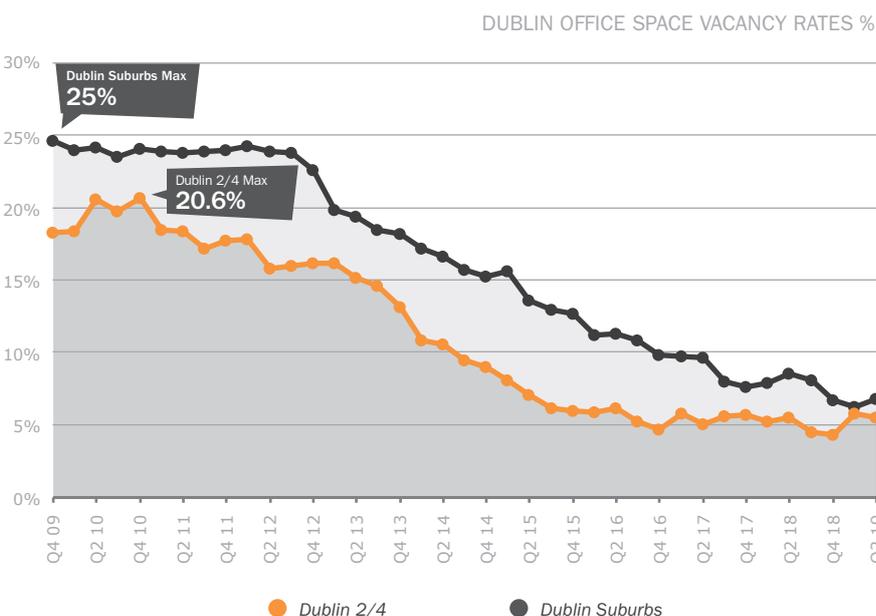
Q2 '19	
CITY CENTRE OFFICE RENT INDEX	118.2
YEAR ON YEAR % CHANGE	0.0
SOUTH SUBURBS OFFICE RENT INDEX	118.0
YEAR ON YEAR % CHANGE	+3.5

# DUBLIN SUBURBS VACANCY RATES CONTINUE TO DECLINE



Office vacancy rates in Dublin's suburbs have recorded YoY declines for every quarter since Q3 2012. Currently, the vacancy in the suburbs area is 6.8% which compares to 8.6% in Q2 2018. Business services occupiers accounted for the largest proportion of leasing activity in the quarter at 46%. In the city centre, office vacancy in Dublin 2/4 stood at 5.5% in Q2 2019, unchanged from 12 months previously.

SOURCE: CBRE.



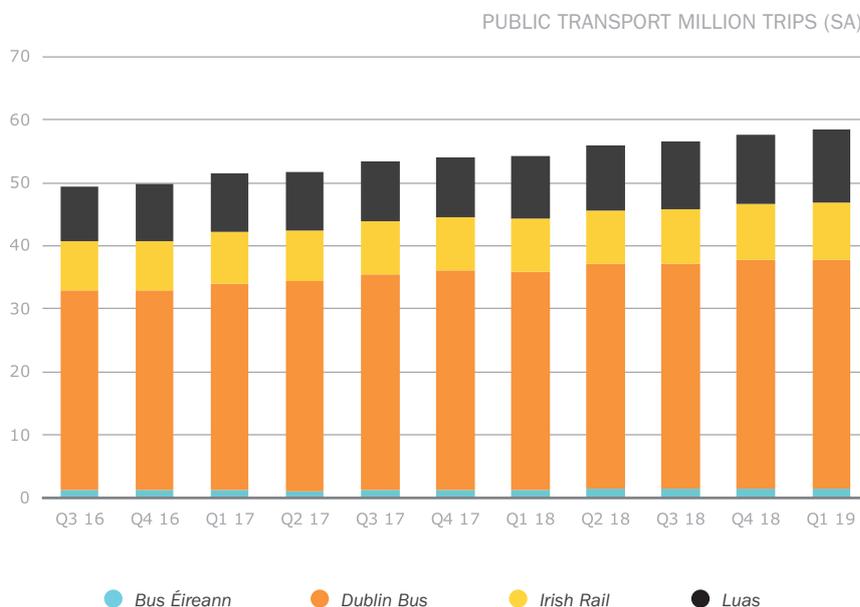
Q2 '19	
VACANCY RATE % DUBLIN 2/4	5.5
YEAR ON YEAR CHANGE % POINTS	0.0
VACANCY RATE % DUBLIN SUBURBS	6.8
YEAR ON YEAR CHANGE % POINTS	-1.7



# QUARTERLY PASSENGER NUMBERS EDGE CLOSER TO 60 MILLION

A total of 58.4 million public transport trips took place in Dublin in Q1 2019 (+7.7% YoY). The LUAS was the greatest contributor to overall growth with growth of 18.6% YoY recorded. LUAS now accounts for 19.9% of total passenger numbers, on a quarterly basis compared to 18.1% in Q1 2018. The shares for both Dublin City Bus (62.3%) and Irish Rail (15.2%) declined (although absolute numbers have risen), while Bus Éireann has hovered around 2.5%.

SOURCE: NTA. SEASONALLY ADJUSTED BY EY-DKM



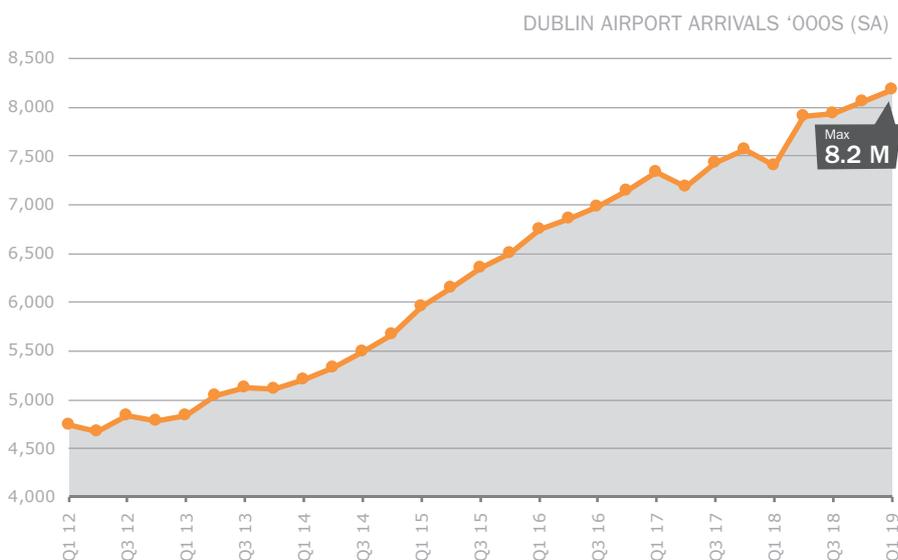
<b>Q1 '19</b>	<b>PUBLIC TRANSPORT MILLION TRIPS (SA)</b>	<b>58.4</b>	<b>YEAR ON YEAR CHANGE MILLION TRIPS (SA)</b>	<b>+4.2</b>
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# DOUBLE-DIGIT GROWTH IN PASSENGERS THROUGH DUBLIN AIRPORT IN Q1



A total of 8.2 million passengers passed through Dublin Airport in Q1 2019 with YoY growth of 10.4% recorded in the first quarter of the year. The surge in passenger numbers reflects the airport's increasing role as a hub for transatlantic travel. DAA has plans to spend €900 million over the next four years on additional infrastructure at the airport, with an additional €320 million planned for a new runway.

SOURCE: CSO.



<b>Q1 '19</b>	<b>TOTAL ARRIVALS '000S (SA)</b>	<b>8,172</b>	<b>YEAR ON YEAR CHANGE '000S (SA)</b>	<b>767</b>
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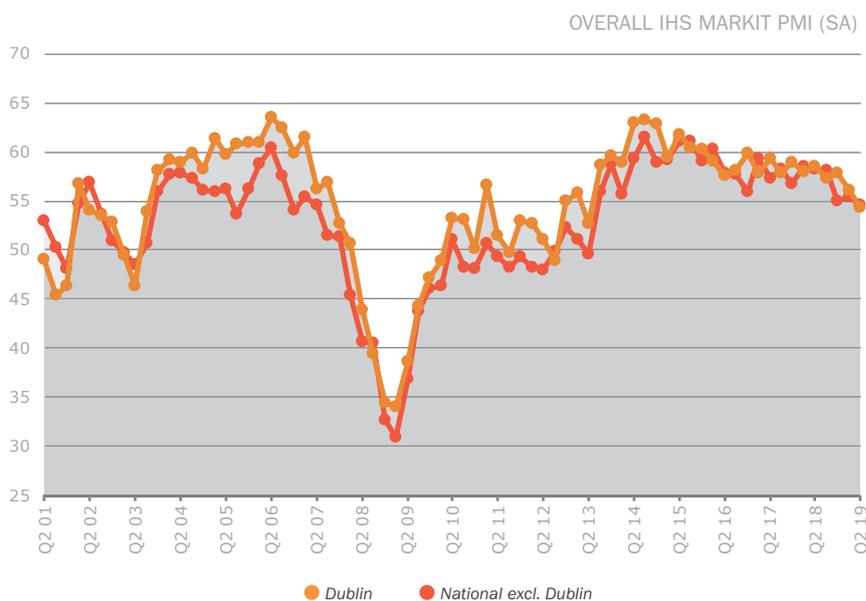
DUBLINECONOMIC INDICATORS



# BUSINESS ACTIVITY RISES AT WEAKEST PACE IN SIX YEARS

Remaining well above the 50 no-change mark, the Dublin PMI indicated a further solid increase in output in Q2 2019. The index posted 54.3, down from 56.1 in Q1 the second consecutive slowdown in the rate of expansion. The latest rise was the weakest since Q2 2013. The rate of growth in output in the Rest of Ireland also eased during Q2, but remained solid. The Dublin construction sector remained the best performing of the three monitored by PMI despite a slowdown in growth. A solid increase in services activity was recorded again, while manufacturing output fell for the second consecutive quarter.

SOURCE: STR, SEASONALLY ADJUSTED BY EY-DKM



Q2 2019	54.3	54.6	YEAR ON YEAR CHANGE	-4.2	-3.7	QUARTER ON QUARTER CHANGE	-1.8	-0.9
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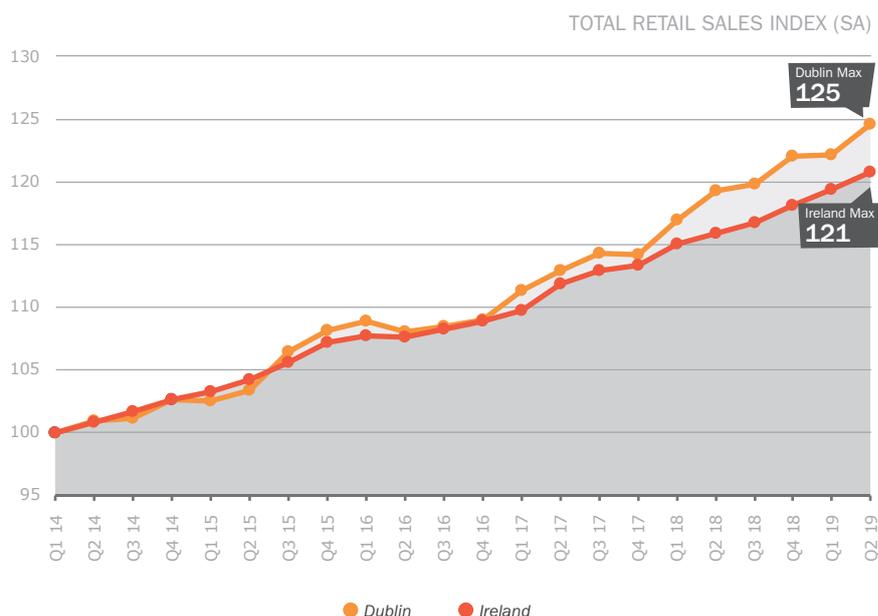
## MASTERCARD SPENDING PULSE

# HOUSEHOLD GOODS AND NECESSITIES SUPPORT OVERALL RETAIL SALES GROWTH



Consumer spending in the Dublin economy grew by 4.5% (SA\*) YoY in the second quarter of 2019. Growth in retail spend in Dublin continues to exceed the National (incl. Dublin) level, which recorded a YoY increase of 4.2%. In relation to quarterly changes, consumer spending in Dublin grew by 2.1% in the second quarter of 2019. This comes on foot of 0% QoQ growth recorded in the first quarter of the year. Nationally, QoQ growth in retail has remained relatively steady at 1% for each of the past three quarters.

SOURCE: MASTERCARD SPENDING PULSE SEASONALLY ADJUSTED BY EY-DKM



Q2 2019	125	121	YEAR ON YEAR CHANGE	+4.5%	+4.2%	QUARTER ON QUARTER CHANGE	+2.1%	+1%
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DUBLIN ECONOMIC INDICATORS



# MORE WOMEN NEEDED TO LEAD AND INNOVATE IN START-UPS

By addressing the gender gap Ireland can unleash innovation and creativity and spark a new era of entrepreneur led economic growth.



**Sheelagh Daly**  
Enterprise Ireland

Entrepreneurship fuels economic growth, with new businesses accounting for a significant proportion of new job creation. Ireland is not fully exploiting its entrepreneurial potential, with fewer women starting and growing new businesses.

Research shows that women have particular skills and characteristics that lend themselves to being successful entrepreneurs, and in addition, increasing gender diversity in leadership positions results in higher profitability and productivity outcomes. By addressing the gender gap Ireland can unleash innovation and creativity and spark a new era of entrepreneur led economic growth.

When it comes to innovation we are living in an era characterized by exponential discovery. But the innovation that underpins entrepreneurial success, drives competitive advantage and allows Irish enterprises to win customers across the globe, is not always about an entirely new invention.

Commercial success is supported by continuous improvements both to internal processes and to the external manifestations of products and services. Constantly striving to find ways to solve customer problems more effectively for them and more efficiently for the business is innovation, and it is the life blood that sustains the growth and sustainability of any enterprise.



New start-ups that are highly innovative are often underpinned by technology. Tech start-ups are more likely to attract the type of investment required in order to create enterprises that scale on global markets, creating important employment and economic benefits.

However, less than one in five engineering graduates in Ireland are women, and a recent study by EIGE highlighted that, although the actual number of female ICT specialists in Ireland has risen, the proportion has fallen from 26% in 2006 to 19% in 2018. This has implications for innovation and entrepreneurship.

Enterprise Ireland is committed to encouraging and supporting more women to start and to scale enterprises underpinned by innovation. There are a wide range of supports available both from Enterprise Ireland and through the Local Enterprise Offices aimed at supporting innovation at all stages of company development.

Programmes such as New Frontiers enable entrepreneurs to explore an innovative business idea. Research and development supports are available for all levels of intensity, from Innovation Vouchers to R&D partnerships, and continuous improvement initiatives are supported through programmes such as LEAN. Women led innovative start-ups with international ambitions can also win investment funding through the Competitive Start Fund and the High Potential Start Up offer.

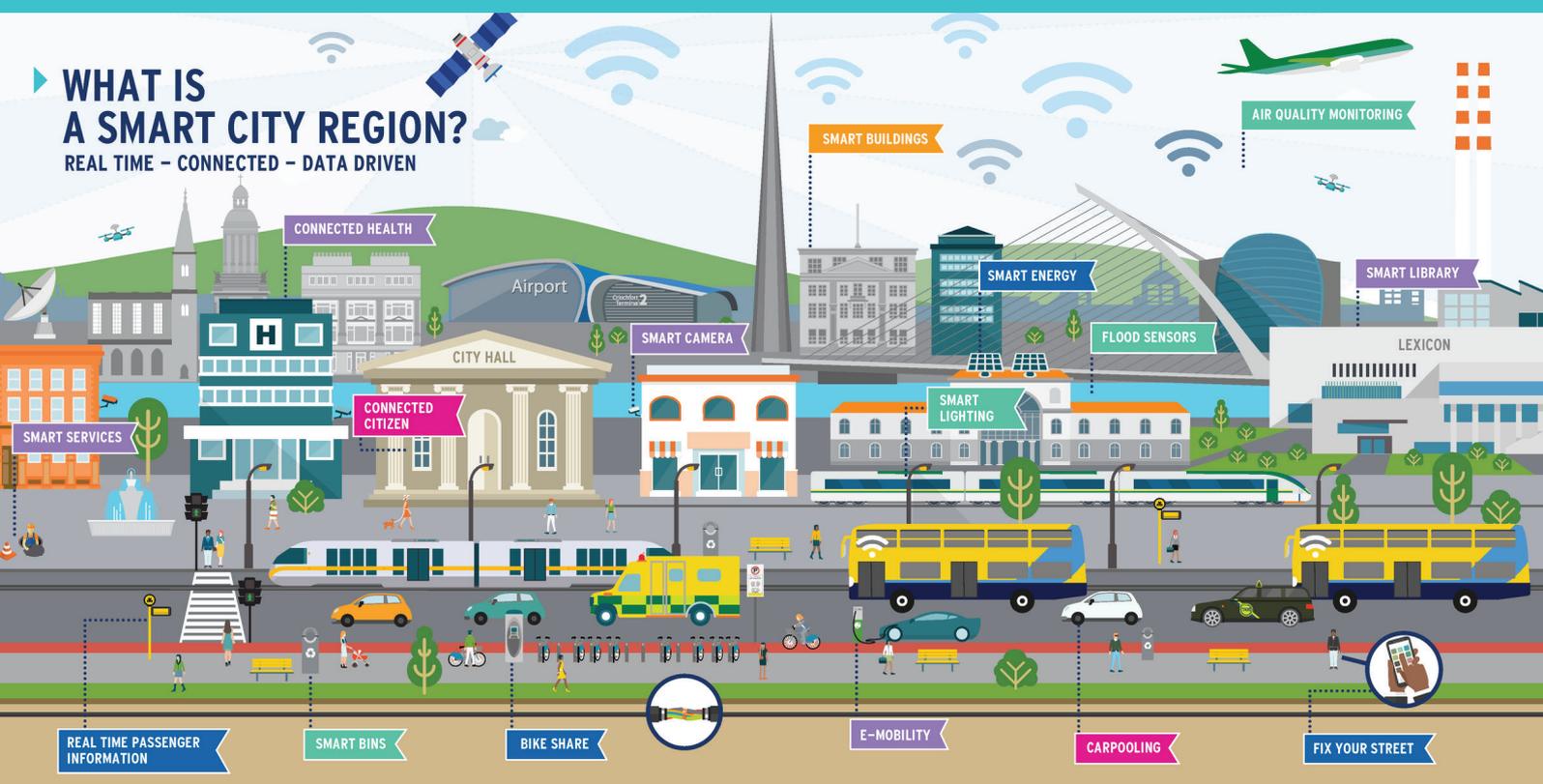
Enterprise Ireland's ongoing commitment to promoting female entrepreneurship is a clear recognition that addressing the gender gap and fully utilising the innovation potential of 50% of our population offers opportunities for powerful economic impact, as well as the improvements to productivity and company performance that come about with increased diversity.

See the [dublinstartupweek.com](http://dublinstartupweek.com) website for further information, including the event programme

# OPEN, CONNECTED & ENGAGED



Smart Dublin is an initiative of the four Dublin Local Authorities that uses new technologies to improve services and enhance quality of life in the Dublin Region.





# DUBLIN REGIONAL SKILLS FORUM (DRSF) SUPPORTS SKILLS AND TALENT FOR SMES/ENTREPRENEURS IN DUBLIN

Dublin region accounts for just over 30% of the total employment in Ireland but Skills and Talent for businesses remains their biggest challenge now and for the future.



An Roinn Oideachais agus Scileanna  
Department of Education and Skills



**Natasha Kinsella**

*Dublin Regional Skills Manager*

The Dublin Regional Skills Forum (DRSF) is part of a national network supported by the Department of Education and Skills (DES) focused on fostering stronger links between enterprise and education/training providers.

The creation of the DRSF reflects the strong focus on the skills agenda as part of Government policies such as the National Skills Strategy, Action Plan for Education and Regional Enterprise Plans, which focus on enhancing regional economic growth and increasing job opportunities.

The objective of DRSF is to provide the supply of skills needed to meet both expansion and replacement demand for industry and to close any gaps in relation to skill shortages identified through direct engagement with SME's.

This regional skill structures are contributing to better outcomes for learners, and support enterprise development and job creation by providing:

1. More robust labour market information and analysis of employer needs;
2. Better alignment of education and training provision with the skills needs of each region;
3. Greater collaboration and utilisation of resources across the education and training system and enhancement of progression routes for learners;
4. Maximisation of employment, career progression and entrepreneurship opportunities available to learners in each region.



Over the last three years the forum continues to engage with a number of core sectors, (Tourism & Hospitality/ Retail / Construction/ Biopharma/ ICT/ Financial/ Logistics & Transport) in collaboration with key industry stakeholders, direct SME businesses and representative bodies.

This has resulted in key outputs that focus on inputs for funded programme provision delivered, identifying actual skills gaps, connections with educational providers in meeting skills needs and communications to inform and support SMEs to navigate around the educational system for business development and growth.

Some key funded provisions noted: Springboard, Explore, sector specific traineeships and apprenticeships, Skills to Advance and Skills for Growth all supporting SMEs within the region.

In 2019 DRSF will again host an SME Engagement event, this year as part of Start-up Week Dublin (supported by Dublin City Council) so if you're an SME, entrepreneur or starting your own business we would encourage you to come along and hear our business case examples illustrate how you can benefit from such engagement with DRSF.

Link here to register for this free event [www.eventbrite.ie/e/sme-engagement-for-skills-growth-in-collaboration-with-dublin-city-council-tickets-72435212671](http://www.eventbrite.ie/e/sme-engagement-for-skills-growth-in-collaboration-with-dublin-city-council-tickets-72435212671)

A Collaboration of Partners (Industry Chair Siobhan O'Shea – Director CPL) managed by Natasha Kinsella RSM within this Dublin Regional Skills Forum includes:

#### EDUCATIONAL PROVIDERS

City of Dublin Education and Training Board, Dublin Dun Laoghaire Education and Training Board, Dublin City University, National College of Ireland, Trinity College Dublin, University College Dublin, TU Dublin, Dun Laoghaire Institute of Art Design and Technology, National College of Art and Design and Skillnet Ireland.

#### WORKING IN PARTNERSHIP WITH OTHER INDUSTRY BODIES INCLUDING

DSP, IDA-Ireland, Enterprise Ireland, National Disability Authority, IBEC, Local County Councils, Local Enterprise Offices, ISME and Dublin Chambers of Commerce ■

To connect further with the Dublin region visit: [regionalskills.ie/Regions/dublin/](http://regionalskills.ie/Regions/dublin/) or email: [natashakinsella@regionalskills.ie](mailto:natashakinsella@regionalskills.ie)

# SUSTAINABILITY IS A BOTTOM-LINE ISSUE FOR ALL BUSINESSES

Businesses are increasingly recognising the economic potential of transitioning to more sustainable business models, an opportunity estimated to be worth \$12 trillion to the global economy by 2030



**Aideen O'Hora**

*Founding Director  
SustainabilityWorks*

Businesses of all sizes across a range of sectors are embracing sustainability and developing ambitious strategies to help them realise this opportunity. However, the concept of sustainability can sometimes be daunting. What do the buzz words of "sustainability", and "circular economy" mean?"

Sustainability identifies that businesses must look beyond solely existing for profit and look at how they can also contribute to social and environmental factors if they want to achieve long-term growth.

Traditionally, most business have operated a linear approach i.e. they use raw materials to make a product and at the end of its useful life, the product (and the waste generated during production) is thrown away.

With the need to reduce carbon emissions and waste, a new approach to business, known as the **circular economy model**, aims to design out waste, keep resources in use for as long as possible and recover the product/material so it can be used again.

The need to move to new sustainable business models is being driven by a range of important factors including supply chain security, customer and consumer demands, reputation management, investor requirements, attracting and retaining talent and the opportunity to drive innovation.

Many organisations already recognise that they must play their part in responding to global challenges such as climate change.



They understand that acting now will have a positive environmental impact, but it will also help their bottom line. Unilever, Ikea and Adidas are excellent examples of organisations that are embracing sustainability and transforming by adopting circular models.

So where can businesses start? In SustainabilityWorks, we recommend these four steps:

1. Understand: the resources used and the waste generated and identify ways to be more efficient.
2. Engage your staff and empower those that want to do more. Talk to your customers, investors and lenders - find out what matters to them.
3. Scan: Review sustainability practices in your supply chain; what are your competitors doing?
4. Communicate: Tell your story – make sustainability core to your brand

The Dublin Regional Enterprise Plan Development Group are progressing on

several measures to help businesses take action. One such measure is the MODOS training programme, designed to help SMEs assess their business and identify steps to become more sustainable and circular.

Participants in the pilot included Viva Green, Attention Attire, Native Events, Inis Fragrances and Luncheonette, each of whom would recommend the programme to other SMEs.

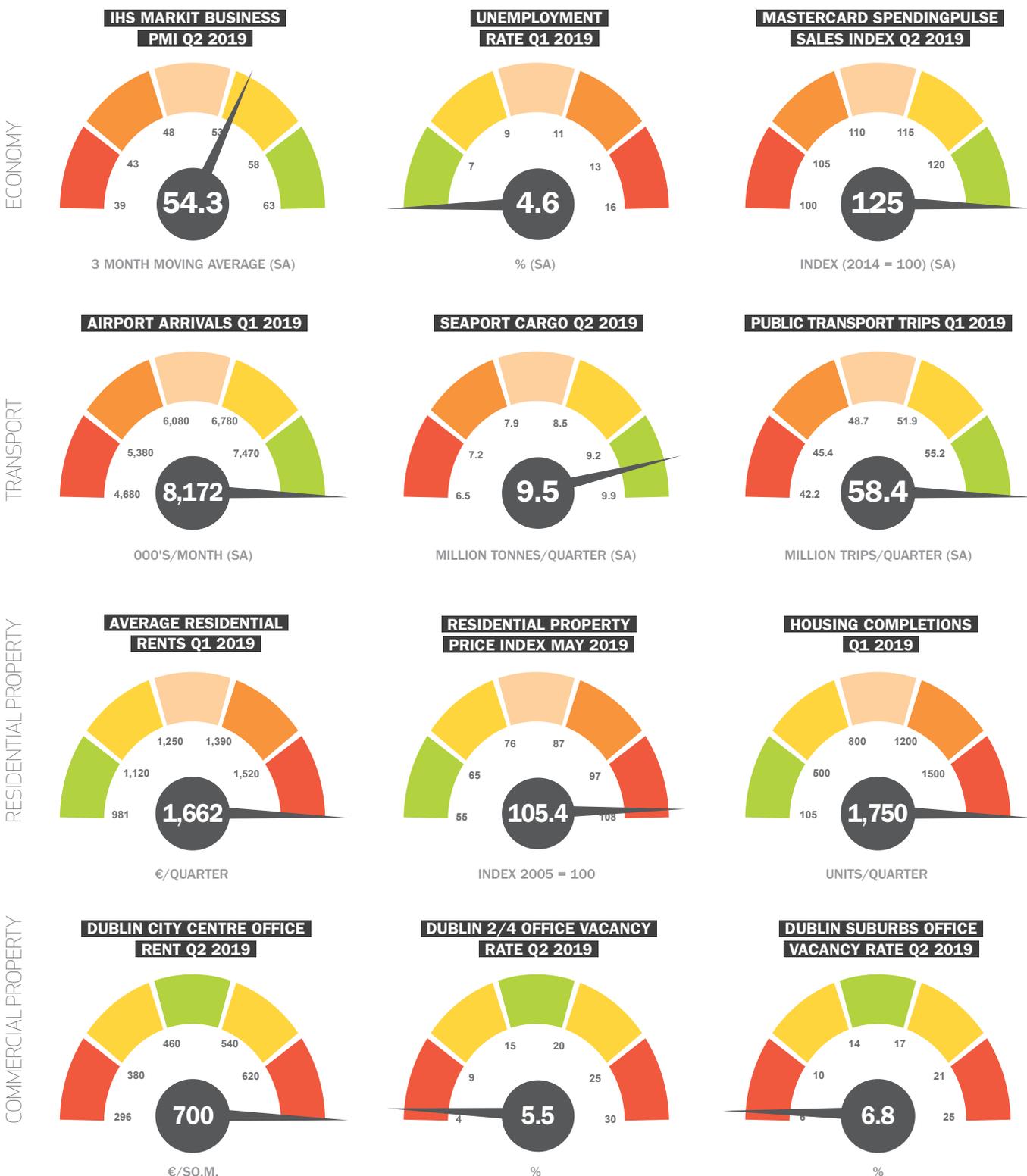
Trainers on the MODOS Programme was delivered by SustainabilityWorks, Clearstream Solutions, EcoMerit, Actionable and The Impacter.

At SustainabilityWorks we believe sustainability is a business opportunity and work with businesses to develop and deliver strategies, programmes and partnerships that unlock commercial opportunities and enable positive action. We make sustainability simple. We make it actionable. We make it work: [www.sustainabilityworks.ie](http://www.sustainabilityworks.ie)



# DUBLIN: ECONOMIC SCORECARD AUG 2019

Note: These “petrol gauge” charts present the performance of the particular indicator relative to a range of performances from most positive (green) to least positive (red). Each gauge presents the latest value compared to the peak value and the trough value over the last decade (except for public transport trips which cover the past 5 years and housing completions which cover the past 6 years). The Commercial Property gauges are red at the high and low extremes, in recognition of the undesirability of rents that are either too high or too low as well as vacancy rates.



SOURCES: CSO, PMI MARKIT; SEAPORT CARGO DUBLIN PORT; PUBLIC TRANSPORT NTA; RESIDENTIAL RENTS PRTB; COMMERCIAL PROPERTY CBRE RESEARCH

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