

Taking forward Ireland's eGovernment Strategy

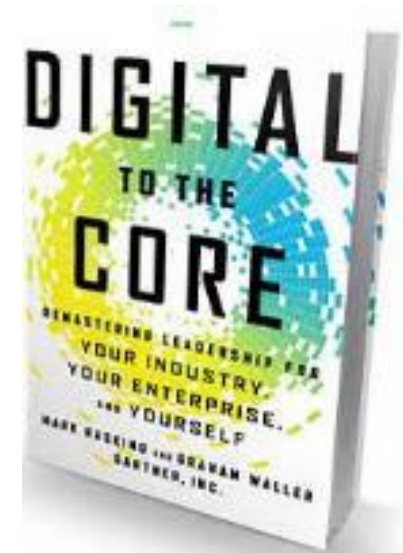
Barry Lowry
Government CIO
March 2018



Our Digital Challenge!

“Go Digital or Go Home”

Mark Raskino (Gartner)



Ireland in a Global context



Whisper it, but the Irish economy is booming again, with unemployment expected to dip below 5.5pc this year and GDP forecast to grow by around 4pc. Photo: Stock image



Colm Kelpie
January 4 2018 2:30 AM



Whisper it, but the Irish economy is booming again, with unemployment expected to dip below 5.5pc this year and GDP forecast to grow by around 4pc. With the recovery come challenges. Housing remains a considerable problem the Government must tackle, while many experts have also warned of the risk of overheating. Brexit also looms large. Five prominent economists give their take on 2018.

DERMOT O'LEARY Chief economist, Goodbody Stockbrokers

Numerous politicians in recent years have vowed not to repeat the mistakes of the past, whereby Ireland experienced cycles of boom and bust.

Having gone through the boom of the mid-2000s and the bust of the 2008-2013 period, the growth of recent years has brought Ireland to the verge of full capacity once again. The veracity of those politicians' pledges is to be put to the test over the coming years. Being a small player in the global economy, there are risks that domestic policymakers



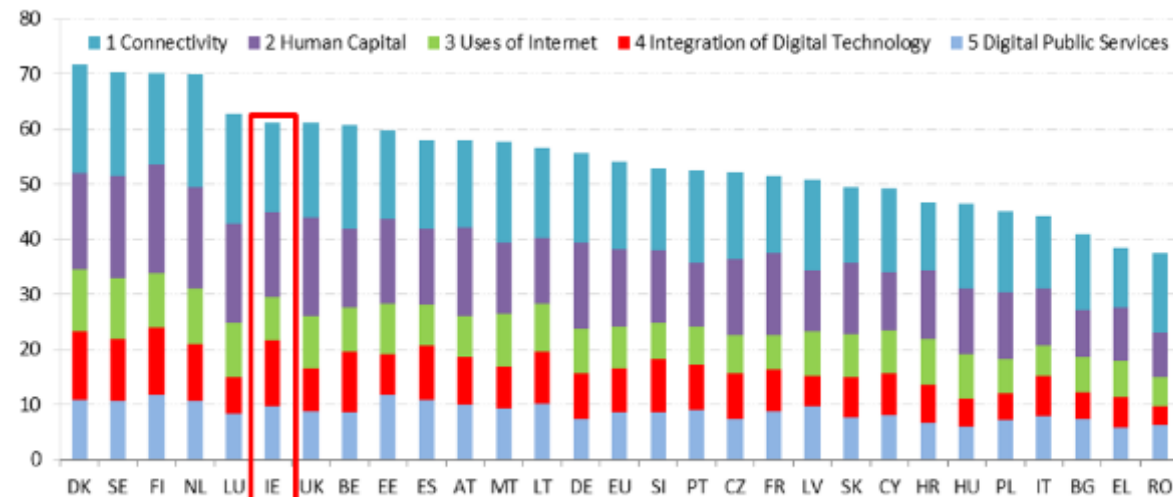
Ireland's online economy is booming according to study

Updated Thursday, Feb 01 2018



Ireland will see a 4.1pc rise in its gross domestic product (GDP) in 2018 according to a study by global forecasting agency, Oxford Economics. The study also predicts that the Irish economy will be the fastest growing in Europe next year.

Digital Economy and Society Index (DESI) 2018 ranking



Ireland in a Global context

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SPECIAL REPORT


Ireland, the US and Brexit

We look ahead to 2018 and our future relationship with our two key trading partners

© Fri, Dec 15, 2017, 00:00 Updated: Fri, Dec 15, 2017, 09:28

John Holden
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In association with
Dublin Chamber



It never rains but it pours: Ireland is facing the double whammy of Brexit and the impending overhaul of US tax policy. Photograph: iStock

f With the biggest overhaul of US taxation in three decades and the small matter of Brexit waiting for us in 2018, it would be remiss to think it'll be business as usual next year. But our reputation as the little country that "punches above its weight" is not only tired, it's not true anymore either.

t

i Our trade and economic policies are well-established and globally recognised, nowhere more so than in the US, where Irish companies now operate out of all 50 states.

Anyone not following US-Irish trade relations closely would be forgiven for

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Asia Leads in Digital Transformation

36 Shares BY VMWARE STAFF ON August 15, 2016 APJ, GEO SPOTLIGHT

LinkedIn 5 Twitter 28

Asian enterprises are taking the lead in recognizing and responding to the latest major change to IT—digital disruption and transformation—realized of enterprises in Western regions

in the October 2017 issue of Asia Pacific Digital Network IT leaders from throughout the region

dot.ie Digital Health Index

Q4 2017



Identifiably Irish
Ireland's Domain Registry

The dot.ie Digital Health Index has increased to

49.0

the highest ever score.



17% have data analytics capability, up from

7%



62% have a Facebook account, up from

50%



69% of consumers say it is frustrating if a company does not have a website.

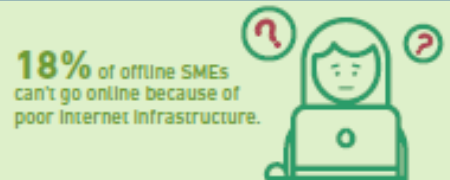


54% would shop with a competitor if a business is not online.

Only **52%** of consumers believe their local shops are equipped for the digital age.



Almost **1 in 5** SMEs have no digital assets whatsoever.



18% of offline SMEs can't go online because of poor internet infrastructure.



41% of SMEs say that social media is less important than their website.



Only **40%** of SMEs with websites can take sales orders online.



63% of SMEs do not promote their services online.



32% want e-commerce training.

The big picture

- ▶ The dot.ie Digital Health Index has risen to 49.0, the highest ever score. This has been driven by Irish SMEs' increased use of digital assets, particularly social media and data analytics.
- ▶ SMEs are also more confident in the quality of their digital assets, versus their competitors, and their contribution to business.
- ▶ Despite these improvements, most SMEs (60%) are still not engaging in e-commerce. This is at a time when Ireland's e-commerce industry is expected to grow to €14bn by 2021. Unfortunately, about 60% of this is going overseas.³

Irish SMEs' online presence

- ▶ Two-thirds of SMEs have websites, 62% have a Facebook account (up from 50%) and 17% have data analytics capability (up from 7%).
- ▶ Almost 1 in 5 SMEs have no digital assets whatsoever—neither website nor social media presence.
- ▶ However, micro-businesses with a website make on average an extra €26,825 a year.
- ▶ Only 34% of SMEs can take online payments and only 32% can accept an online reservation.
- ▶ 18% of offline SMEs can't go online because of poor internet infrastructure.



Rialtas na hÉireann
Government of Ireland

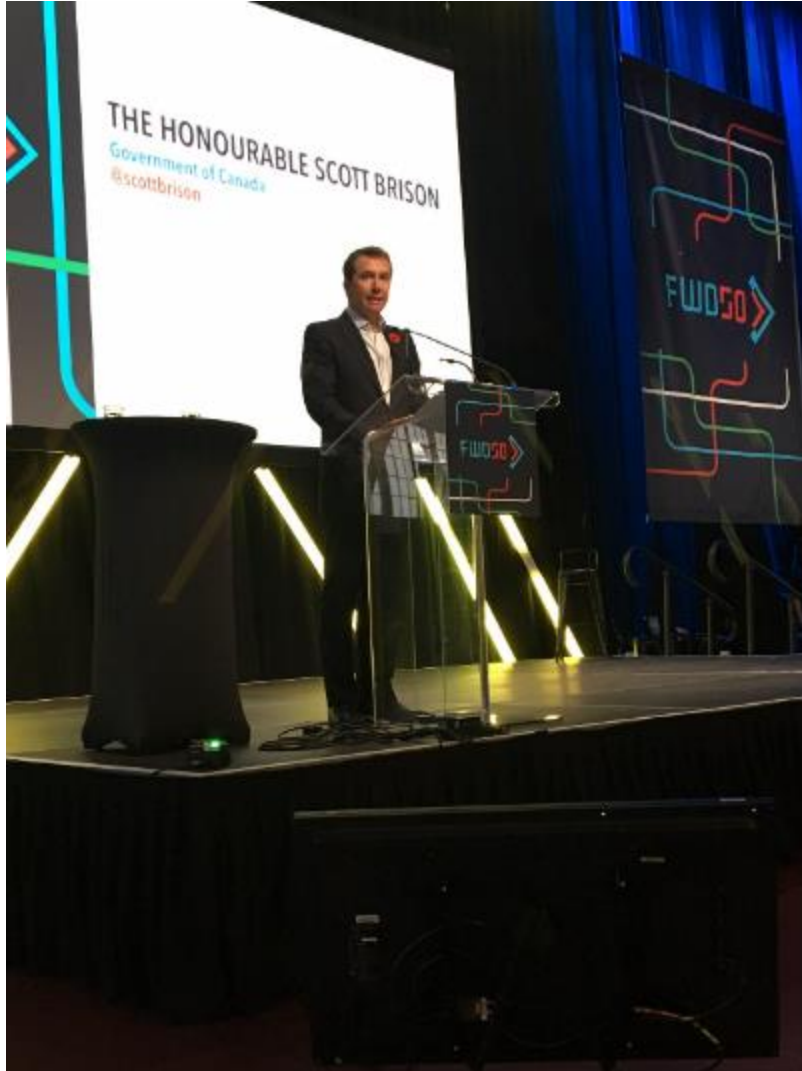
"Europe's economy needs to overcome this fragmentation in online markets to make the most of the opportunities offered by new emerging technologies, along with the chance to generate economic growth and employment."



"The successful establishment of a DSM could generate €415bn a year."

"The industrial revolution of our time is digital. ... As companies aim to scale up across the Single Market, public e-services should also meet today's needs: be digital, open and cross-border by design."

European Commission VP Andrus Ansip (February 2017)



“We cannot
continue to be a
Blockbuster
Government serving
a Netflix citizenry.”

Scott Brison (Secretary of the Treasury
Board of Canada) – FWD50 Conference
November 2017

Government doing digital is different because

1. We don't pick and choose our customers;
2. We have LOADS of stakeholders;
3. We have LOADS of Legacy (unless we are Estonia!);
4. People losing their jobs is ALWAYS our problems;
5. It can therefore be REALLY hard to define success;



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Published on Thursday 27th July 2017

Minister of State O'Donovan announces eGovernment Strategy 2017-2020

Patrick O'Donovan T.D., Minister of State for Public Procurement, Open Government and eGovernment, today (Thursday 27th July) announced the publication of the [eGovernment Strategy 2017-2020](#).

The new strategy has been developed to build upon the first eGovernment Strategy (eGovernment 2012-2015) with the aim of succinctly setting out the next phase for eGovernment in Ireland. The Strategy focuses on 10 key actions which cover a range of themes, including presentation of services, secure online identification, underlying infrastructure and appropriate skilling.

The new strategy also takes note of the contextual changes that have taken place in Ireland over the last number of years, such as technology innovation, a more 'joined-up' Civil Service, and developments across the EU, particularly in the areas of data protection, the eGovernment Action Plan and the Digital Single Market. It also recognises the progress that has continued to be made and the momentum that has been created by the Public Service ICT Strategy, and its 18-step delivery plan.

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Latest News

August 1st, 2017
Government funds 5,000 extra childcare spaces

July 31st, 2017
125 new jobs for Waterford

July 26th, 2017
Appointment of Chief Justice

July 20th, 2017
Taoiseach convenes first meeting of Government Security Committee

July 19th, 2017
Special Government Meeting

July 19th, 2017
Publication of Ireland's first statutory National Mitigation Plan

[All News](#) +



eGovernment Strategy 2017 – 2020: Key Actions

We will...

... develop a Digital Service Gateway

... maintain an overall Digital Programme plan overseen by our eGovernment Minister

... develop our existing e-ID capability

... develop similar plans to facilitate business and location identification

... enhance our data-sharing capability

... introduce legislation to support our data-sharing ambitions

... continue to develop our Open Data portal

... transform our “back office”

... ensure appropriate governance is in place

... ensure our people have the skills and capabilities to help us move forward



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Government of Ireland Online Services

Popular

[Search the High Court Case Tracking System](#)

[Motor Tax Online](#)

[Change of Vehicle Ownership Service](#)

[View the 1901 and 1911 Censuses](#)

BETA This is a prototype - your feedback will help us to improve it

Education

Includes college and university websites, education, training boards and grants.

Social Welfare

Includes Maternity Benefit, Child Benefit and Jobseeker's Payment.

Health

Includes health insurance, food safety and newborn bloodspot screening program.

Employment

Includes redundancy claims, employment permits and employment rights and obligations.

Environment

Energy and Emissions Services.

Family and Relationships

Adoption applications and birth, death and marriage registration.

Housing

Social Housing and renting.

Business

Tools and guidance for businesses.

Agriculture

Includes safety information, animal and farm welfare and grants.

Local Government

County and city councils.

Money and Tax

Includes budgetary services, funding support and debt assessment.

Transport and Travel

Travel visas and public services.

National Government

Provides statistics, budgetary information and government services.

Justice

Includes court services, laws and justice boards.

Useful Links

Links to Department websites, dog licence application forms and county council websites.



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DATA-SHARING AND GOVERNANCE BILL

[Home](#) > [Data-Sharing and Governance Bill](#)

Public Consultation

on

Data-Sharing and Governance Bill: Policy Proposals

In October 2013, the Department of Public Expenditure and Reform brought a Memorandum to Government setting out a series of actions to improve data-sharing in the public service. Chief among these was the development of the Heads of a Data-Sharing and Governance Bill.

On 1 August 2014, the Department of Public Expenditure and Reform published a policy paper entitled, "[Data Sharing and Governance: Policy Proposals](#)", which set out key elements of proposed legislation. Interested parties were invited to make submissions responding to the policy proposals. The Department received many constructive submissions, which are published below. The submissions received have contributed significantly to the development of policy on Data-Sharing, and the Department is very grateful to the respondents for their contributions to date.

On 24 November 2014, a public information event was held to discuss the outcomes of the consultation. The event was addressed by Robert Watt, Secretary General of the Department of Public Expenditure and Reform; Helen Dixon, Data Protection Commissioner; and Daragh O'Brien of Castlebridge Associates. This event allowed for useful discussion of the main policy issues from different perspectives.

Having considered the submissions received, the Department prepared a draft General Scheme of the Data-Sharing and Governance Bill. In July 2015, the Government approved the drafting of the Data-Sharing and Governance Bill along the lines of the General Scheme, subject to such drafting or technical amendments as may be agreed between the Minister and the Attorney General.



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Publication of the Open Data Strategy 2017 - 2022

We are delighted to welcome the publication of the Open Data Strategy 2017 - 2022, which builds on the substantial achievements made in implementing the Open Data Initiative and sets out a roadmap for continued progress and development.

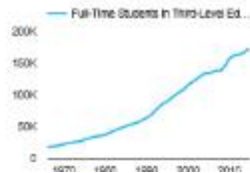
"The Open Data Strategy provides a framework for data to be used to ensure that public services are delivered in a more effective and efficient manner and in a transparent and accountable way."

- Patrick O'Donovan T.D., Minister of State with responsibility for Public Procurement, Open Government and eGovernment.

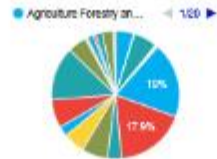
[Read the full update](#)



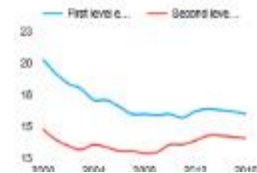
THIRD-LEVEL ENROLMENT DATA



VAT REGISTRATIONS BY SECTOR DATA



PUPIL-TEACHER RATIO DATA



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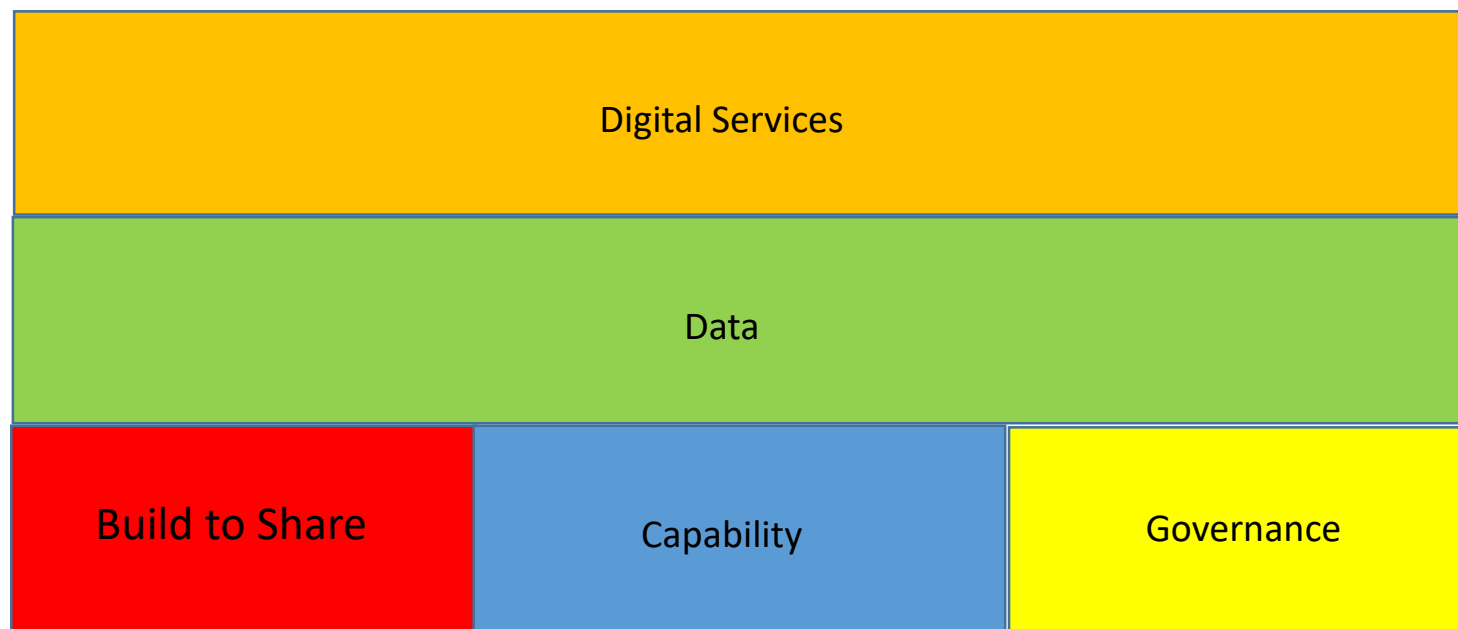
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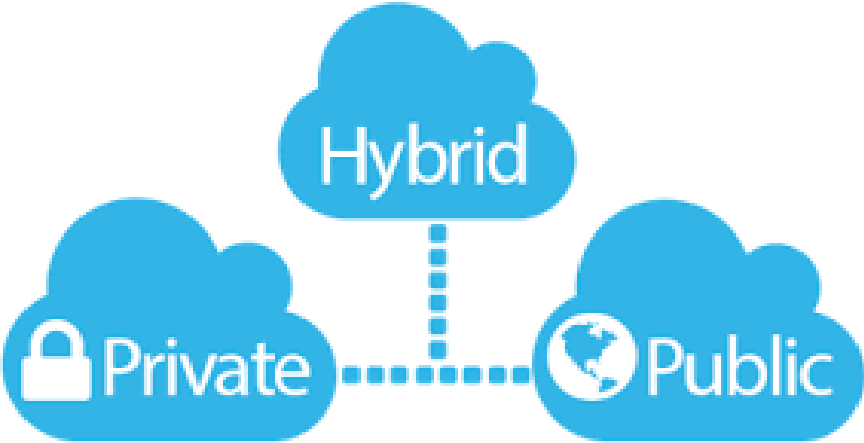


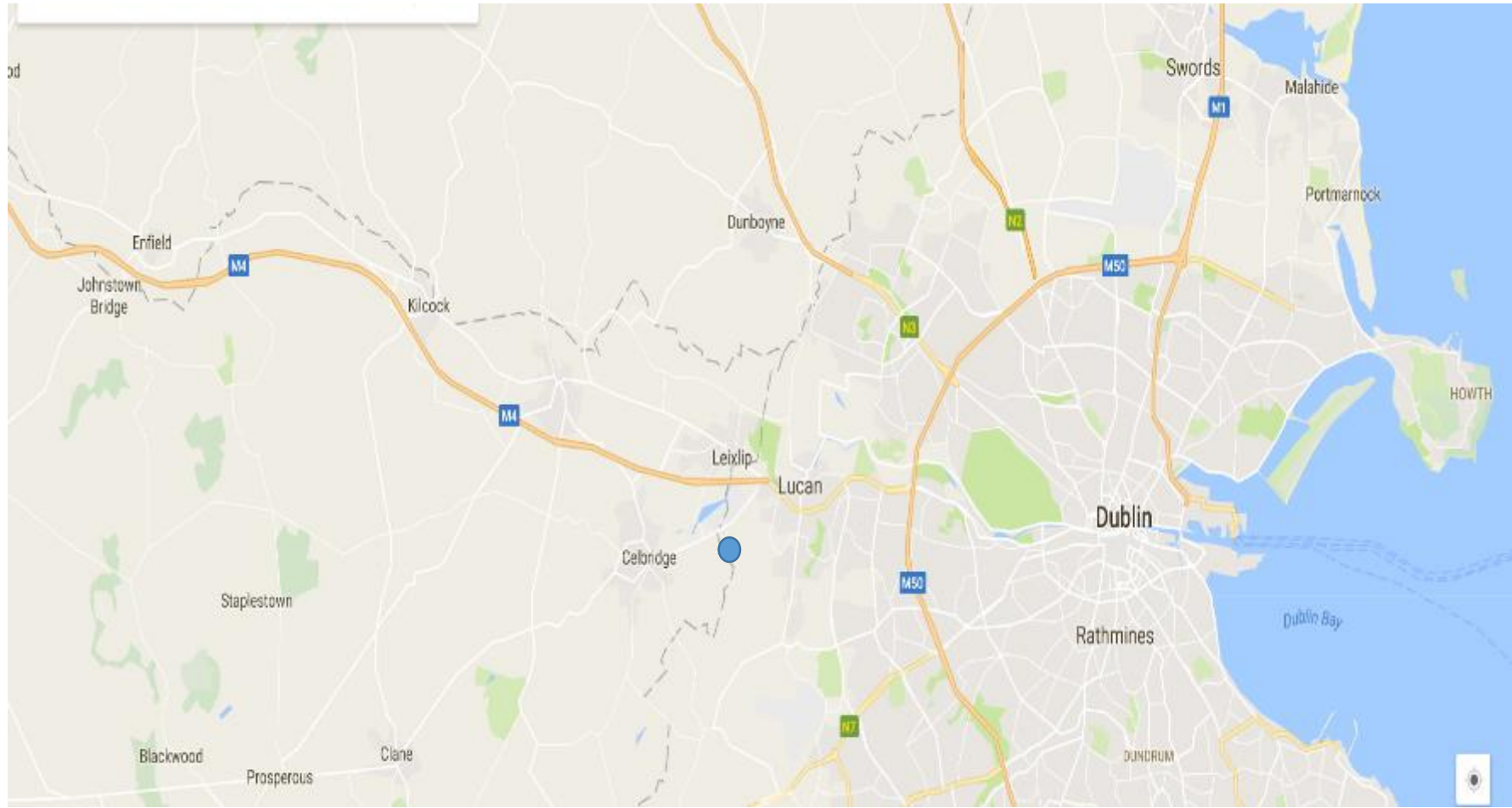
A simplified way of looking at our Strategic pillars

Strategizing Cloud to address uncertainty, provide control, maximise scale, make the best use of our people and maximise value for money



The way forward is hybrid







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Approach to Professionalisation

- ✓ Under stand of the need for and role of internal ICT
- ✓ Proper career development structure
- ✓ Grades and Job Titles
- ✓ Innovative Recruitment
- ✓ Strengthened development and accreditation
- ✓ Recognition and Reward
- ✓ More co-ordinated management

Recent extreme weather shows the urgent need for the Government to show much more ambition in reducing our carbon emissions, writes **Liam Quaide**



Sunday Business Post 11 March 2018

GETTING SMART to build the future

Construction has been called Ireland's least digitised sector, and that has serious implications for the industry to deliver the projects of the future, the Digital Construction Summit has heard, writes **Patrick Murtagh**

It is amazing to think that not so long ago we listened to music on cassette or CD or vinyl. We communicated through letters or landline telephone. We used paper maps to find our way around. Security was a lock and key, or a large man. Virtually every industry

as they did for the past 20 or 30 years. The problem now is that the world has moved on in many different ways. Critically, the path into construction is perceived to be less attractive than it once was; university is seen as a more lucrative education than an apprenticeship. Furthermore, with the availability of such advanced

development plan, he said: "It is impossible to deliver a programme of works on this scale without sufficient capacity within the industry. We are already seeing construction costs increasing and skills shortages emerging. And it is incumbent on the government to challenge the sector to rationalise its delivery methods

After Storm Emma — that freakish onslaught of wind and snow in what should have been mild mid-spring — it has never appeared that our climate is in any danger of becoming more temperate. But we do believe Emma resulted in temperature rises of 20-30C above averages in the Arctic since the storm hit. It was a half month on from the start of the summer solstice, and for several days by extreme

lack of climate action ambition with that of Scotland, which by 2015 had reduced its emissions by more than double our 2020 target.

In November, Ireland was ranked the worst performing European Union country on a Climate Change Performance Index, and in 2015 our emissions actually increased when they were expected to fall sharply.

Leo Varadkar raised hope at the start of his term as Taoiseach when he identified the need for a Climate Change Performance Index, and in 2015 our emissions actually increased when they were expected to fall sharply.

Irish Examiner 12 March 2018





Roadmap to Digital Transition

For Ireland's
Construction Industry
2018-2021

- Building Information Modelling
- Collaboration
- Stock Control/Blockchain
- Internet of Things

- Speed
- Cost Reduction
- Environmental
- European (Global) Alignment
- Exports

1. Centre of Excellence
2. Common Framework of Standards
3. Education & Development
4. Mandated adoption of Standard Approaches



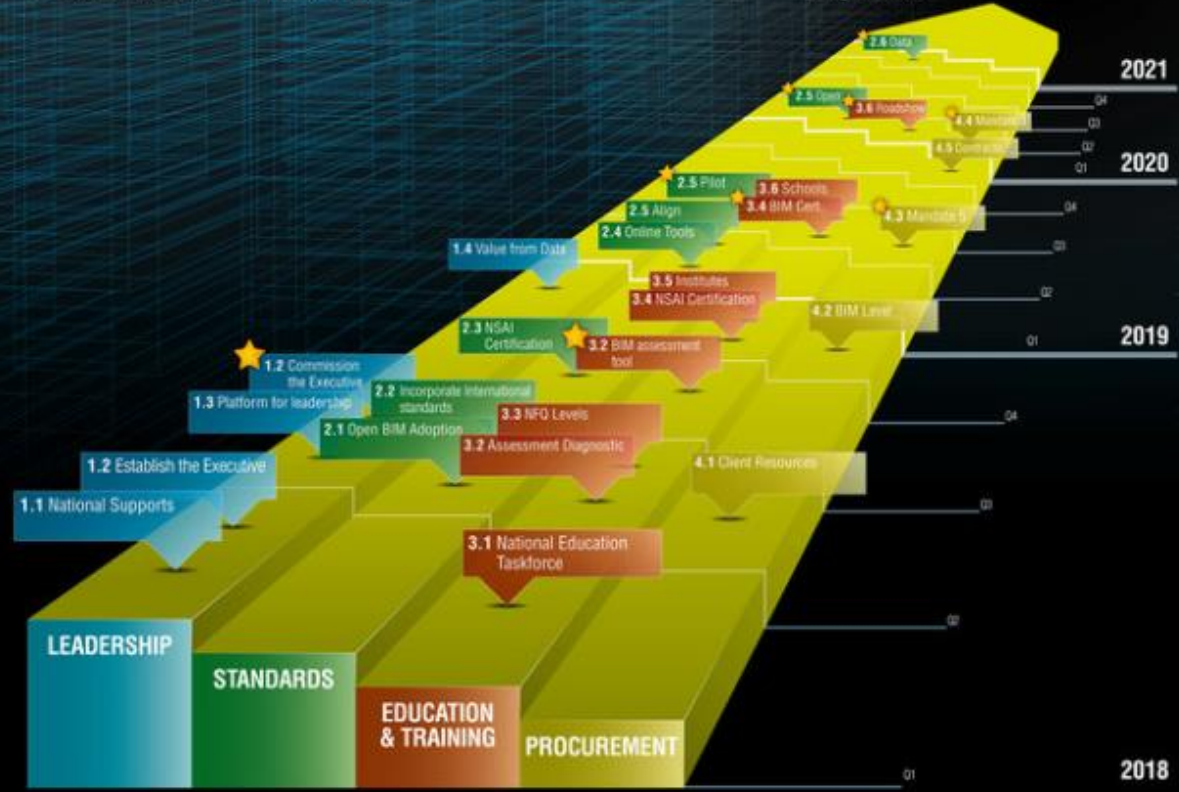
Digital Roadmap 2021 Construction Sector

2021

20% reduction in project delivery programme

20% increase in construction exports

20% reduction in capital costs



- 1.1 National Supports
- 1.2 Establish the Executive
- 1.2★ Commission the Executive
- 1.3 Platform for leadership
- 1.4 Value from data
- 2.1 Open BIM adoption
- 2.2 Incorporate international standards
- 2.3 NSAI certification
- 2.4★ Online tools and supports (Online Tools)
- 2.5 Align planning, building control public asset info (Align)
- 2.5★ Pilot open format models for applications (Pilot)
- 2.5★ Open format incentives established (Open)
- 2.6★ Harmonised asset data standards (Data)
- 3.1 National Education Taskforce
- 3.2 Assessment Diagnostic
- 3.2★ BIM self assessment tool
- 3.3 NFO levels
- 3.4 NSAI certification
- 3.4★ Launch Certification Programme (BIM Cert.)
- 3.5 Professional Institutes
- 3.6 BIM in schools (Schools)
- 3.6★ Deliver curriculum roadshow (Roadshow)
- 4.1 Client resources
- 4.2 BIM Level Requirements
- 4.3★ OGP Mandate B5 (Mandate 5)
- 4.4★ OGP Mandate B3 (Mandate 3)
- 4.5 Procurement contracts (Contracts)
- ★ An 'Event' (as opposed to an 'Activity')



Thanks!



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Government of Ireland